

CLASS SCHEDULE

SHORELINE COMMUNITY COLLEGE

SPRING 2020



SPRING 2020 ACADEMIC CALENDAR

April 6	First day of class Spring Quarter
April 8	Automatic Waitlists Turned Off
April 10	Last Day for 100% Refund
April 10	Last Day to Add a Class
April 10	Last Day to Make Schedule Changes Online
April 13-17	Late Enrollment - Requires Instructor and Dean permission
April 20	\$15 Add/Drop Fee Begins - "W" Begins
April 27	Last day for 50% Tuition Refund
April 15	Application for Graduation Due
May 19	Last day "W" Grade is Issued
May 19	Last day to Change To/From Audit
May 11-15	Continuing Student Registration for Summer and Fall Quarter Begins
May 18	New Student Registration for Summer and Fall Quarter Begins
June 15	Last Day of Instruction
June 16	Prep Day (No Classes)
June 17, 18, 19	Final Exams
June 24	Grades Available
Interactive Campus Calendar: www.shoreline.edu/calendars	

CLASS SCHEDULE

This class schedule is published for information purposes only. Although every effort is made to ensure accuracy at the time of publication, this class schedule shall not be construed to be an irrevocable contract between the student and the college. Shoreline Community College reserves the right to make any changes to the contents and provisions of this class schedule without notice. In addition, Shoreline Community College reserves the right to cancel classes, change class fees and/or meeting dates/times without notice. **LIMITATION OF LIABILITY:** The College's total liability for claims arising from a contractual relationship with the student in any way related to classes or programs shall be limited to the tuition and expenses paid by the student to the College for those classes or programs. In no event shall the College be liable for any special, indirect, incidental, or consequential damages, including but not limited to, loss of earnings or profits.

CATALOG

www.shoreline.edu/catalog

The catalog contains course descriptions, program planning guidelines, listings of services provided by the college, and more. It is an invaluable tool for planning your academic pathway.

NONDISCRIMINATION

Shoreline Community College is committed to nondiscrimination. To request this information in an alternate format or for disability accommodation, contact Student Accessibility Services (206-546-4545, 206-546-4520 TTY, sas@shoreline.edu) or visit www.shoreline.edu/accessibility.

MESSAGE FROM THE PRESIDENT

"Welcome to Shoreline Community College!"

Shoreline is all about student success and we do that by serving each student, one student at a time. We've earned this reputation by providing the environment and the support students need to do their best work.

As you write the next chapter of your story, we want to come alongside you to help you finish what you start. Shoreline faculty and staff are here to help inspire your curiosity about the world and the contribution you're meant to make. I encourage you to engage as you create the college experience you've imagined.

Wishing you a great learning experience at Shoreline!

Cheryl Roberts, Ed.D.
President, Shoreline Community College

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Getting Started at Shoreline Community College

NEW STUDENT CHECKLIST

WELCOME to
Shoreline Community College!
 Use this checklist to keep track of what's needed prior to the first day of class.
Spring Quarter 2020 starts April 6, 2020
Summer Quarter 2020 starts June 29, 2020

- ☐ **APPLY FOR ADMISSION**
Go online: www.shoreline.edu/apply
- ☐ **APPLY FOR FINANCIAL AID**
There several steps to this process. See them all at: www.shoreline.edu/applyforaid. SCC code: 003791.
- ☐ **ACTIVATE EMAIL**
24 hours after admission, please activate your Shoreline email account at: www.shoreline.edu/currentstudents/email
Don't miss important information from Shoreline! All official email communication to students is sent to their go.shoreline.edu email accounts. Activate your account and check it often.
- ☐ **DETERMINE PLACEMENT**
For details go to www.shoreline.edu/placement or call (206) 546-4559. English language learners: Call the ESL program before testing (206) 546-5827
- ☐ **SUBMIT YOUR OFFICIAL COLLEGE TRANSCRIPTS**
Arrange to have official college transcripts sent to Enrollment Services & Financial Aid and submit a Request for Transcript Evaluation if you are seeking a general transfer degree.
www.shoreline.edu/transcriptevaluation
- ☐ **REGISTER FOR CLASSES WITH GUIDANCE FROM AN ADVISOR**
Sign up for a START session to discuss course selection and degree plans: www.shoreline.edu/advising
- ☐ **PAY TUITION**
At the Cashier's Office (FOSS 5227 building), (206) 546-7850, pay online, or sign up for a payment plan: www.shoreline.edu/apply-and-aid/cashiering/payment-methods.aspx or at the Cashier's Office.
- ☐ **ATTEND NEW STUDENT ORIENTATION**
Choose which session to attend: www.shoreline.edu/orientation
- ☐ **BUY A PARKING PERMIT**
Buy a quarterly parking permit or bus pass at Cashier's Office, (FOSS 5227 building) or at the bookstore (parking passes only). Details at www.shoreline.edu/parking. Bus pass information at www.shoreline.edu/orca
- ☐ **GET YOUR STUDENT ID**
Get your free student ID at the Library. Bring proof of tuition payment and a legal photo (ID) with you: www.shoreline.edu/id
- ☐ **BUY YOUR TEXTBOOKS AT THE BOOKSTORE**
Use the class schedule to find which textbooks to purchase.
www.shoreline.edu/bookstore
- ☐ **LOGIN TO CANVAS**
Access your online course content at www.shoreline.edu/canvas. Contact eLearning Services: elearning@shoreline.edu or (206) 546-6966
- ☐ **CONSIDER ON-CAMPUS HOUSING**
Apply to live on campus in an apartment-style unit in the student residence hall: www.7000campusliving.com.

ADVISING

Build academic plan, choose classes, prepare for transfer.
(206) 546-4559 | 5000 Bldg. (FOSS), Room 5229
advising@shoreline.edu | www.shoreline.edu/advising

ATHLETICS, FITNESS CENTER, INTRAMURALS

Free Fitness Center, wellness classes, sports teams.
(206) 546-4746 | 3000 Bldg. (Gym), Room 3007
athletics@shoreline.edu | www.shoreline.edu/athletics

BOOKSTORE

Buy and sell textbooks, find supplies, clothing, gifts, snacks.
(206) 546-4732 | 9000 Bldg. (PUB), Room 9114
bookstore@shoreline.edu | www.shoreline.edu/bookstore

BUS PASSES

Discounted Orca transit passes for current students.
(206) 546-7850 | 5000 Bldg. (FOSS), Room 5227
finaid@shoreline.edu | www.shoreline.edu/orca

CAFETERIA

Healthy grab-and-go meals, snacks, and beverages.
(206) 737-8712 | 9000 Bldg. (PUB), Room 9215
csseattle@avantimarketsnw.com www.shoreline.edu/cafeteria

CANVAS SUPPORT & ELEARNING SERVICES

Help with Canvas, online technology, laptop checkout.
(206) 546-6966 | 1200 Bldg., Room 1201 elearning@shoreline.edu
www.shoreline.edu/elearning

COMMUNITY EMPLOYMENT PROGRAM

Paths to employment for students with disabilities.
(206) 546-5823 | 2900 Bldg., Room 2910
cep@shoreline.edu | www.shoreline.edu/ciep

COUNSELING CENTER

Free and confidential personal and career counseling.
(206) 546-4594 | 5000 Bldg. (FOSS), Room 5245
www.shoreline.edu/counseling

DENTAL HYGIENE CLINIC

Low-cost exams, x-rays, cleanings, and minor fillings.
(206) 546-4711 | 2500 Bldg., Room 2521
www.shoreline.edu/dentalservices

ENROLLMENT SERVICES

Register, add/drop, request transcripts, apply to graduate.
(206) 546-4611 | 5000 Bldg. (FOSS), Room 5200
sccadmiss@shoreline.edu | www.shoreline.edu/es

FOOD PANTRY & BENEFITS HUB

Food, housing, transportation, financial planning assistance.
(206) 546-5845 | 9000 Bldg. (PUB), Room 9203
benefitshub@shoreline.edu

FINANCIAL AID

Federal and state grants, loans, and work study.
(206) 546-4762 | 5000 Bldg. (FOSS), Room 5200
finaid@shoreline.edu www.shoreline.edu/financial-aid

GENDER EQUITY CENTER

Supportive space for people of all gender identities.
(206) 546-6618 | 9000 Building (PUB), Room 9301
genderequity@shoreline.edu
www.shoreline.edu/gender-equity-center

HOUSING & RESIDENTIAL LIFE

Studios, 2-bedroom, and 4-bedroom campus apartments.
(206) 546-4654 | 7000 Bldg.
mwinter@shoreline.edu | www.shoreline.edu/housing

ID CARDS

Free student photo ID cards. Bring a legal ID with you.
(206) 546-4556 | 4000 Bldg. (Library), Room 4200
library@shoreline.edu | www.shoreline.edu/id

INTERNATIONAL EDUCATION & STUDY ABROAD

International advising and activities, study-abroad courses.
(206) 546-4697 | 9000 Bldg. (PUB), Room 9302
international@shoreline.edu | www.shoreline.edu/international

LACTATION LOUNGE

Comfortable, private space to pump milk or feed infants.
(206) 546-4594 | 5000 Bldg. (FOSS), Room 5245
vp-ses@shoreline.edu

LIBRARY

Full collection, study rooms, computers, research support
(206) 546-4556 | 4000 Bldg. (Library)
library@shoreline.edu | www.shoreline.edu/library

MULTICULTURAL CENTER

Events and services promoting equity and social justice.
(206) 533-6618 | 9000 Bldg. (PUB), Room 9301
jardena@shoreline.edu | www.shoreline.edu/multicultural

PARENT CHILD CENTER

Quality full- and part-time care for children 6 wks-5 yrs.
(206) 546-4690 | 1900 Bldg.
pcc@shoreline.edu | www.shoreline.edu/pcc

PARKING PERMITS

Quarterly permits required M-F before 4 p.m.
(206) 546-7850 | 5000 Bldg. (FOSS), Room 5227
finaid@shoreline.edu | www.shoreline.edu/parking

PAYMENT PLAN & CASHIERING

Tuition can be paid online or in person.
(206) 546-7850 | 5000 Bldg. (FOSS), Room 5227
payplan@shoreline.edu | www.shoreline.edu/paytuition

REFLECTION/PRAYER ROOM

Quiet space for contemplation, prayer, or meditation.
(206) 546-4654 | 7000 Bldg., Room 7257
mwinter@shoreline.edu

RUNNING START

Support for dual-credit high school juniors and seniors.
(206) 546-4559 | 5000 Bldg. (FOSS), Room 5229
runningstart@shoreline.edu
www.shoreline.edu/runningstart

SAFETY & SECURITY

Available 24 hours a day, 7 days a week.
(206) 546-4633 | (206) 235-5860 (24/7 emergency line)
5000 Bldg. (FOSS), Room 5102
www.shoreline.edu/safetyandsecurity

SCHOLARSHIPS & EMERGENCY GRANTS

Annual, quarterly, or short-term help from the Foundation.
(206) 533-6783 | 5000 Building (FOSS), 5218
scholarships@shoreline.edu
www.shoreline.edu/scholarships

STUDENT ACCESSIBILITY SERVICES

Disability accommodations, testing, note-taking, equipment.

(206) 546-4545 | (206) 546-4520 (TTY)
5000 Bldg. (FOSS), Room 5226 | sas@shoreline.edu
www.shoreline.edu/oss/students-with-disabilities

STUDENT LIFE, CLUBS, GOVERNMENT

Activities and events, clubs, Associated Student Government.

(206) 546-5862 | 9000 Bldg. (PUB), Room 9301
lsmi@shoreline.edu | asg.shoreline.edu

STUDENTS, EQUITY & SUCCESS

Fosters a climate of equity, belonging, and support.

(206) 546-4641 | 5000 Building (FOSS), Room 5202
vp-ses@shoreline.edu
www.shoreline.edu/students-equity-success-division

SUCCESS COACHING

Build study skills, set goals, manage time, get organized.

(206) 546-6956 | 3000 Bldg. (Gym), Room 3024E,
5000 Bldg.(FOSS), Room 5230
successcoaching@shoreline.edu
www.shoreline.edu/successcoaching

TECHNOLOGY SUPPORT SERVICES

Technical help desk and troubleshooting, computer labs.

(206) 546-5872 | 4000 Bldg. (Library), Room 4122
tss@shoreline.edu | www.shoreline.edu/tss

TESTING CENTER

Testing services including math and English placement.

(206) 546-4608 | 5000 Bldg. (FOSS), Room 5100
testcenter@shoreline.edu
www.shoreline.edu/testingcenter

TITLE IX COORDINATOR

Investigates gender discrimination and sexual harassment.

(206) 533-6746 | 1000 Bldg., Room 1016
titleixcoordinator@shoreline.edu | www.shoreline.edu/title-ix

TUTORING & LEARNING SUPPORT CENTERS

(206) 546-4776 | 4000 Bldg. (Library), Room 4228
pttutors@shoreline.edu | www.shoreline.edu/tutoring

- **Biology & Chemistry Learning Center**

(206) 546-4776 | Room 4201

- **Computer Science & Engineering Learning Center**

(206) 546-4776 | 2500 Bldg., Room 2516

- **ESL Study Center**

(206) 546-4602 | 1700 Bldg., Room 1721

- **Math Learning Center**

(206) 546-5825 | Room 4213 | rtepper@shoreline.edu

- **Physics Learning Center**

(206) 546-4776 | 2900 Bldg., Room 2923

- **Public Speaking Center**

1500 Bldg., Room 1530

- **Writing & Learning Studio**

(206) 546-7663 | Room 4302 | ebryant@shoreline.edu

VETERAN & MILITARY STUDENT SERVICES

Connect with specialized funding, advising, and resources.

(206) 546-4645 | 5000 Building (FOSS), Room 5226
veterans@shoreline.edu | www.shoreline.edu/veterans

WORKFORCE FUNDING & JOB SERVICES

Grants for professional-technical students, job support.

(206) 546-5882 | 5000 Building (FOSS), Room 5101
workforce@shoreline.edu | www.shoreline.edu/workforce

GENERAL INFORMATION

(206) 546-4101 | 1000 Bldg. | enroll@shoreline.edu

5 WAYS TO HELP PAY FOR COLLEGE

www.shoreline.edu/funding

Financial Aid (Contact: finaid@shoreline.edu)

- Includes federal grants, loans, work study (part-time paid work), or state aid for qualifying students.
- Your eligibility is determined through the FAFSA (Free Application for Federal Student Aid) or the WASFA (for HB 1079 students). Open to students in most programs of study, however those with bachelor degrees may not be eligible for grants.
- Timeline: Apply early! Priority for some grants is given to students who complete their financial aid application process by the early application deadline.

Scholarships (Contact: scholarships@shoreline.edu)

- Over 140 annual scholarships awarded by the College and its Foundation, which also provides other financial assistance for students.
- **Eligibility:** Criteria vary by academic, financial, or program-specific requirements.
- **Timeline:** Opens February 1. Apply by April 11 for Foundation Annual Awards. Ongoing award dates vary.
- Also consider Study Abroad scholarships or state scholarships from WashBoard.org.
- Short-term emergency support available. Contact us to learn more.

WorkForce Education Funding (Contact: mminto@shoreline.edu)

- If you are enrolled in a Professional/Technical certificate or degree, or ESL classes or High School 21+ or GED Preparation you may be eligible for a grant: BFET, Opportunity Grant, WorkFirst, or Worker-Retraining.

Eligibility: You may qualify if you are

- a US citizen or eligible non-citizen and a Washington state resident, (does not apply to TANF) and meet one of the following:
- receive TANF (cash assistance) or food stamps through DSHS, low-income household,
- received unemployment insurance in past four years, retraining after being laid off, or became a veteran in the past four years.
- See if you qualify and sign up for a funding session at www.startnextquarter.org or call 206-546-5882.

Payment Plans (Contact: payplan@shoreline.edu)

- Split your tuition payment into smaller monthly amounts with no interest for a \$30 enrollment fee.
- Available to all students, regardless of eligibility for other financial resources.
- Timeline: Check the quarterly target dates for information or to enroll in a payment plan.

Tuition Assistance (Contact: varies as below)

- **Running Start:** Free tuition for up to two years of college credit while finishing high school. Contact: mtungol@shoreline.edu
- **Veterans Tuition Waivers:** Veterans, active duty service members, or their dependents may be entitled to VA education benefits, tuition reductions, or tuition assistance. Contact: manderson4@shoreline.edu
- **Learning Center North & Career Education Options:** Free tuition and support services for youth ages 16 to 21 who have not completed high school. Contact: bbain@shoreline.edu
- **Multicultural Center:** Eligible students can receive short-term loans for books, course required supplies and emergencies, or resources for financial assistance. Contact: jardena@shoreline.edu

DISCOVER OUR PROGRAMS

PROFESSIONAL/TECHNICAL

ARTS & COMMUNICATION

Music Technology

Digital Audio Engineering
Electronic MIDI/Music Production
Foundations of Digital Audio - Pro Tools
Foundations of Electronic Music *
Foundations of Multi-Track Recording
Foundations of Music Business
Logic: Digital Audio
Music Business
Music Performance
Pop & Commercial Music Theory

Performance Arts & Digital Filmmaking

Acting for Stage & Camera
Digital Film Production
Writing & Directing for the Camera

Visual Communications Technology

Animation/Video for Multimedia
Creative Project Management
Digital Illustration/Animation
Digital Photography
Digital Video
Game Art & Design
Graphic Design
Foundation with focus in:
 Art & Design/Business/Computer/
 Computer Graphics
Web Design

BUSINESS

Accounting *
Business *
Entrepreneurship
Fashion Merchandising
General Business Admin
International Trade
Marketing
Microsoft Software Applications *
Payroll Clerk *
Project Management *
Purchasing & Contract Management *
Purchasing & Supply Chain Management *
Retail Management
Social Media Marketing *
Supplier Relations & Logistics *
Sustainable Business Leadership *
Sustainable Purchasing & Supply Chain Management *
Tax Preparer *

HEALTH & MEDICINE

Dental Hygiene
Health Information Foundations
Health Information Technology *
Medical Coding & Reimbursement Specialist *
Medical Laboratory Technology
Nursing
Nursing Assistant Certified
Phlebotomy

SCIENCE, TECHNOLOGY, ENGINEERING & MATH

Automotive

Automotive Service Technician (AST)
General Service Technician (GST) I-BEST
Chrysler MOPAR CAP
General Motors (ASEP)
Honda PACT
Tesla START
Toyota T-TEN

Sciences

Basic Manufacturing
Biotechnology Lab Specialist
Clean Energy Technology & Entrepreneurship
Machine Maintenance
Manufacturing/Machinist Technology
Mechatronics
Principles of Precision Machining
Solid Works

SOCIAL SCIENCES & EDUCATION

Criminal Justice

Child Advocacy Studies *
Criminal Justice *

Education

Early Childhood Educator/Para-Educator *
Early Childhood State Cert. *
Infant/Toddler Care *
Special Education

Parent Education

Parenting Skills
Leadership Skills
Anthropology
Architectural Studies
Art (Foundation Studio)
Art History

UNIVERSITY

TRANSFER PRE-MAJORS

American Ethnic Studies
Asian Studies
Astronomy & Physics
Bioengineering and Chemical Engineering
Biological Sciences
Business*
Chemistry/Biochemistry
Cinema, Film & Media Studies
Classical Piano
Classical Voice
Communication Studies
Computer Science & Software Systems
Computer & Electrical Engineering
Construction Management
Creative Writing
Criminal Justice*
Drama/Theatre Arts
Economics*
Elementary Education*
Language & Literature *
Engineering Fields
Environmental Health
Environmental Sciences
Environmental Studies
Exercise Science/Kinesiology
Gender & Women's Studies
Geography
Geology & Earth Sciences
Health Professional Prep (Medicine, Dentistry, Pharmacy)
History
Humanities
Informatics
International/Global Studies
Journalism
Math/Applied Math/Statistics
Medical Laboratory Science
Multicultural Studies
Music (Performance, Instrumental, Vocal)
Nutrition & Food Science
Oceanography & Marine Sciences
Philosophy
Photography
Political Science*
Pre-Nursing
Psychology *
Social Work & Human Services
Sociology
World Languages

*Indicates availability via 100% online classes

HOW TO ENROLL

A. ELIGIBILITY

Shoreline Community College welcomes high school graduates and adults 18 years of age or older to enroll. High school students may take college classes with written approval of a school official. NOTE: These requirements do not apply to students taking only Continuing Education non-credit classes.

B. ADMISSION

(206) 546-4611 • www.shoreline.edu/apply

Make sure you have applied to the College

Credit students:

Apply online or visit Enrollment Services or your high school counseling offices. Degree-seeking students should have final official transcripts sent from their high school and all previous colleges attended.

Non-Citizens:

Non-citizen students who have resided in Washington state for three years immediately prior to high school graduation, or receiving their high school equivalency, should call (206) 546-5828 for information.

International students (F-1 status), please **visit www.shoreline.edu/international/admission**.

C. PLACEMENT TESTS

(206) 546-4608 • www.shoreline.edu/testingcenter

Check to see if you need to take a placement test.

Assessment is required of the following:

- all students planning to enroll in math, English or "W"-designated courses.

D. REGISTRATION

Register Online

New Students

After a student applies for admission, they will be sent instructions about placement, registration, new student orientation, and advising. You may register **online** beginning **March 9, 2020, www.shoreline.edu/advising**

Former and Continuing Students

Use online registration or come to Enrollment Services to register according to the schedule below. Number of credits earned before Spring Quarter 2020 Registration dates:

75 and over	March 2, 2020
45-74	March 3, 2020
30-44	March 4, 2020
15-29	March 5, 2020
0-14	March 6, 2020
New Students	March 9, 2020 & beyond

If you have questions or problems with web registration, please contact the Registration Office at (206) 546-4611 or (206) 546-4623 during business hours.

STEP 1: GETTING STARTED

www.shoreline.edu/currentstudents, then select registration.

STEP 2: LOG IN

Log in with your Student Identification Number (SID) and your Personal Identification Number (PIN).

PIN numbers are your six-digit birthdate until you change it.

Go to <https://wts.shoreline.edu/webreg/waci221.html>.

STEP 3: WELCOME!

The Registration page gives you an overview of the Registration system, tuition payment deadlines, and link to the current class schedule. Click REGISTER at the top of the page.

STEP 4: SCHEDULE

Using the class schedule, you are now ready to select your classes.

The **ITEM NUMBER** is the key identifier for each class that you wish to **ADD, DROP, or CHANGE**.

AUTOMATIC WAITLISTS NOTE: Some courses are set up to activate an automatic waitlist when they are filled. If one of these classes is full when you attempt to register, you will be given the option of being placed on the waitlist. You will be automatically registered if space becomes available. **It is the student's responsibility to be aware of their position on waitlisted classes and to resolve scheduling conflicts within the college's established add/drop time limits. Waitlisted students should plan to attend class the first three days of the quarter or until it is determined if space will become available.**

Enrollment & Financial Aid Services

www.shoreline.edu/es

Hours of Operation:

Monday, Tuesday, Thursday

8:00 a.m. - 5:00 p.m.

Wednesday

11:00 a.m. - 5:00 p.m.

Friday

8:00 a.m. - 4:30 p.m.

(Cashier closes half hour prior to Enrollment & Financial Aid Services)

E. TUITION & FEE INFORMATION

Payment of Tuition and Fees

Tuition and fees are due within 5 business days of registration or by the first day of the quarter, whichever is first. Students who do not pay by the appropriate date above may be withdrawn from classes for nonpayment of tuition and fees.

Tuition may be paid online (www.shoreline.edu/apply-and-aid/cashiering/payment-methods.aspx), in person at the Cashier, or after-hours in the drop-box located next to the Safety and Security Office. Payment methods accepted are cash, check, Visa, or MasterCard. Payment with American Express and Discover Card is available online only. Credit cards may also be used to pay by phoning (206) 546-7850. Do not deposit cash in the after-hours drop-box.

State Employee Tuition Waiver

(206) 546-4611

Students interested in using the State Employee Tuition Waiver should contact Enrollment Services prior to registering for classes. Waiver and instructions are available at www.shoreline.edu/es.

Senior Citizen Education Program

(206) 546-4611

www.shoreline.edu/apply-and-aid/cashiering/discounts.aspx

Senior citizens (60 years old or older and WA State residents) may attend up to two classes on a “space available” basis with a waiver of regular tuition. There is a \$5 non-refundable fee per quarter plus all applicable fees. Contact Enrollment Services [prior](#) to registering.

Residency

For tuition purposes, a state resident is one who is a U.S. citizen or who has permanent resident immigrant status, refugee-parolee status, or conditional entrant status, and

- 1) has established domicile (residence) in the state of Washington primarily for purposes other than educational for the period of one year immediately prior to the first day of the quarter and was financially independent from parents or legally appointed guardians for the calendar year during which college enrollment begins, or
- 2) is a financially dependent student, one or both of whose parents or legal guardians have maintained domicile in the state of Washington for at least one year immediately before the first day of the quarter.

Note: Typically, state residents document their legal residence in Washington by showing that for the entire 12 months immediately preceding the beginning of the quarter, they have done all of the following:

- 1) held a Washington driver’s license or identification card
- 2) had their vehicle registered in Washington
- 3) been registered to vote in Washington and
- 4) have not enrolled for more than six credits at SCC.

A student wishing to change his or her residency classification must petition the college by completing the residency questionnaire obtainable online and by providing necessary documentation such as above. This should be done before the day of registration.

Individuals may qualify for resident tuition if they have graduated from a Washington state high school or, while living in Washington, have received the equivalent of a high school diploma. Additional criteria may apply. Please call (206) 546-5828 for more information.

Incidental and Continuing Education (Self-Support) Class Fees

Fees for self-support classes and incidental fees for college credit classes are as listed in the schedule, regardless of residency status.

State Support of Higher Education Students

Pursuant to RCW 28B.76.300 and RCW 28B.15.0681, the approximate level of state support received by students is being provided to the colleges for your use. Amounts in the table below represent an average for full-time equivalent, lower division resident student attending community and technical colleges for the academic year 2019-2020.

The average cost to educate a resident full-time community or technical college student for the 2019-2020 academic year is \$9,565. Students pay an average of \$3,269 in tuition toward this cost. The remaining \$6,296 is an “opportunity pathway” provided by the State and is funded by state taxes and other sources. The amounts shown are averages for a full-time, resident student. The actual tuition a student pays will vary due to credit load, residency status, and other factors.

	Resident Undergraduate
Total Instructional Support Per Student FTE	\$9,565
Operating Fee (tuition)*	\$3,269
Net State Support per FTE Student**	\$6,296

*The Tuition Operating Fee is equal to the operating fee for a full-time student in lower division classes

**The Net Support is the amount paid by the state from various sources including taxes and other funds.

TUITION CHART

Please use the following table to compute tuition on college credit classes (whether taking classes for credit or audit)

	Resident	Non-Resident U.S. Citizen	Non-Resident Non-U.S. Citizen	Non-Resident U.S. Citizen, Online Only
PART TIME (a)				
1 credit	\$108.83	\$200.16	\$286.70	\$123.42
2 credits	\$217.66	\$400.32	\$573.40	\$246.84
3 credits	\$326.49	\$600.48	\$860.10	\$370.26
4 credits	\$435.35	\$800.64	\$1,146.80	\$493.68
5 credits	\$544.15	\$1,000.80	\$1,433.50	\$617.10
6 credits	\$652.98	\$1,200.96	\$1,720.20	\$740.52
7 credits	\$761.91	\$1,401.12	\$2,006.90	\$863.94
8 credits	\$870.64	\$1,601.28	\$2,293.60	\$987.36
9 credits	\$979.47	\$1,801.44	\$2,580.30	\$1,110.78
10 credits	\$1,088.30	\$2,001.60	\$2,867.00	\$1,234.20
11 credits	\$1,142.14	\$2,059.26	\$2,929.09	\$1,288.81
FULL TIME (b)				
12 credits	\$1,195.98	\$2,116.92	\$2,989.18	\$1,343.42
13 credits	\$1,249.82	\$2,174.58	\$3,050.27	\$1,398.03
14 credits	\$1,303.66	\$2,232.24	\$3,111.36	\$1,452.64
15 credits	\$1,357.50	\$2,289.90	\$3,172.45	\$1,507.25
16 credits	\$1,411.34	\$2,347.56	\$3,233.54	\$1,561.86
17 credits	\$1,465.18	\$2,405.22	\$3,294.63	\$1,616.47
18 credits	\$1,519.02	\$2,462.88	\$3,355.72	\$1,671.08
(c) Over 18 per credit	\$98.93	\$182.53	\$276.80	\$98.930

a) **Notice:** All fees are subject to change pending proposed fee increases by the Student Body Association and subsequent approval by the Board of Trustees, or further clarification of actions by the Legislature. Some courses may have additional fees for supplies or other charges.

(b) **For purposes of being considered “full time” for funding from federal and state financial aid programs, Department of Veterans Affairs, Social Security and most other outside agencies, a student is required to carry at least 12 credits.**

(c) May be subject to waiver for required vocational courses.

***The tuition prices shown here were accurate as this schedule went to press. Tuition is subject to change by the State Legislature and State Board for Community & Technical Colleges.**

NOTE: Veterans – There are several tuition rates for qualifying veterans. To find out which rate is appropriate for you, contact:

Missy Anderson,

manderson4@shoreline.edu or (206) 546-4645

shoreline.edu/es

STUDENT TECHNOLOGY FEE:

An additional \$4.40 per credit fee (\$44 maximum) has been approved by Student Government to support technology for students. This fee is calculated into your total charges.

STUDENT UNION RENOVATION FEE:

An additional \$4.40 per credit fee (maximum \$52.80 per student) has been approved by Student Government to fund the renovation of the Student Union Building.

STUDENT COMPLETION FEE:

An additional \$0.50 per credit up to 10 credits (includes graduation fee and two transcripts).

SUSTAINABLE COMMUTER OPTIONS FEE:

Approved by student election, this \$34.00 fee funds multiple service improvements to the campus such as increased bicycle rack access, parking improvements and reduced bus pass costs.

REFUNDING OF TUITION AND FEES:

Refund of tuition and fees is made to students withdrawing from regular classes as follows:

• In Person:

By 4 p.m. April 10, 2020: **100% refund** except for fees listed in the schedule of fees as non-refundable.

• Online:

By 10:00 p.m. April 10, 2020: **100% refund** except for fees listed in the schedule of fees as non-refundable.

• By April 27, 2020: **50% refund.**

There will be no refunds after April 27, 2020.**

****Refund policy may differ for shortened or late-starting classes.**

Please contact Enrollment Services for more information.

Refunds of less than \$10 will not be issued. However, this balance may be applied to future quarters. Any balance remaining after spring quarter of each academic year will be forfeited.

To qualify for a refund, students must officially withdraw from classes. Stop payments on checks do not qualify as withdrawal notices. For information about official withdrawal and refunds, please visit www.shoreline.edu/es.

When a student's enrollment status changes after class begins, that student has until the 5th day of the quarter, April 10, 2020, to submit a written request to the Financial Aid Office asking that his or her financial aid be adjusted. Students who receive financial aid and either withdraw from all their classes OR do not complete any credits might have to repay some of the financial aid. More information is available in the Financial Aid Office.

NOTE: All Continuing Education courses are scheduled on a self-support basis and are not financed by state tax funds. When classes must be cancelled because of low enrollment or some extenuating circumstance, we will call you prior to the start of the class. In this case, a refund will automatically be processed for you. Should you withdraw from a class for which you have already registered, you must do so 48 hours before the first class meeting in order to receive a refund.

Grades: Grades for Spring Quarter will be available beginning June 24, 2020. Grades can be accessed at: www.shoreline.edu or in person on campus. Grades are NOT mailed.

F. ADD/DROP PROCESS & TRANSCRIPTS

Transcripts

Two official transcripts are provided free of charge, thereafter copies are \$5 for each copy up to a maximum of 10 copies per order. There is a \$30 fee for international delivery. Expedited processing is available by request for a fee of \$20. Requests may also be made online at: www.getmytranscript.com. Allow 3-5 business days for processing.

Adding and Dropping Classes

FEE: After April 19, 2020 a \$15 service charge will be charged for each add/drop schedule transaction.

DROPS: Through April 19, 2020 : Will not show on student record, but regular withdrawal procedures must be followed.

April 20-May 9, 2020: Will show as "W" on student record. Instructor's signature required.

After May 9, 2020: Instructor may assign a "V," or "NC," or "Z," which will appear on record.

ADDS: Through April 10, 2020: No signature required except for full or special permission classes.

April 13-17, 2020: Requires Late Enrollment Petition and the signature of instructor and division chair.

Online registration is available through April 10, 2020.

Spring Quarter classes cannot be added after January 14, 2020, except

in rare and unusual circumstances with a Petition for Late Enrollment.

Students who have been attending classes but are not registered will not be permitted to register after April 10, 2020 except for classes specially designated late starting or continuous enrollment, or re-registering following drop for non-payment. Late enrollment petition required after April 10, 2020.

NOTICE OF CHECK DISHONOR:

You will be notified by mail if your tuition check is rejected for payment by the bank it was drawn on, and returned to the college. Payment of your current outstanding tuition including a service charge of \$25 must be received by the Cashier's Office located in the 5000 building by the due date specified on the mailed notification. Failure to pay the outstanding tuition including service charge may result in full withdrawal of currently registered classes.

G. POLICIES & PROCEDURES

Title IV Student Complaint Process:

The Higher Education Act (HEA) prohibits an institution of higher education from engaging in a "substantial misrepresentation of the nature of its educational program, its financial charges, or the employability of its graduates." 20 U.S.C. §1094(c)(3)(A). Further, each State must have "a process to review and appropriately act on complaints concerning the institution including enforcing applicable State laws." 34 C.F.R. § 600.9. The Washington State Board for Community and Technical Colleges (SBCTC) maintains a process to investigate complaints of this nature brought by community and technical college students in the State of Washington. For more information, contact the SBCTC Student Services Office at (360) 704-4315.

Student Records and Rights to Privacy

All students at Shoreline Community College are protected by the Family Educational Rights and Privacy Act (FERPA) of 1974. Your privacy is protected with certain restrictions on the disclosure of your student educational records and information. You have the following rights, protection, and privacy of your educational records at SCC.

1) The right to inspect and review your student education records within 45 days of the day the college receives a request for access. Students should submit a written request to the Registrar's Office identifying the records(s) they wish to inspect.

2) The right to request the amendment of the student's education records the student believes are inaccurate.

3) The right to consent to disclosures of directory information contained in the student's educational records, except to the extent that FERPA authorizes disclosure without consent.

Disclosure to school officials with legitimate educational interests is an exception which permits disclosure without consent. A school official is a person employed by Shoreline Community College in an administrative, supervisory, academic or research, or support staff position (including security); a person or company with whom Shoreline Community College has contracted; a person serving on the Board of Trustees; or a student assisting another school official in performing her or her tasks. Volunteers and interns serving in any of these capacities are also considered school officials. Upon request, Shoreline Community College may disclose educational records without consent to officials of another school in which you are currently enrolled, receive services, or seek or intend to enroll. Shoreline Community College publishes and discloses directory information to various requestors. Directory information consists of name, telephone number, major field of study, dates of attendance and graduation, and degrees and awards received. If you choose not to have your directory information released, a written notice must be given to the Office of the VP for Student, Equity & Success or the Registrar's Office.

4) Students have the right to file a complaint with the U.S. Department of Education concerning alleged failure by the college to comply with the requirements of FERPA.

The Office that administers FERPA:
Family Policy Compliance Office
U. S. Department of Education
400 Maryland Avenue, SW, Washington, DC 20202-4605
Contact Enrollment Services at (206) 546-4613, if you wish to inspect, review, or restrict disclosure of your student educational records or if you have any questions regarding your rights under the Family Educational Rights and Privacy Act.

Student Policies

Policy 5030

The freedom to learn depends upon appropriate opportunities and conditions in the classroom, on the campus, and in the larger community. Students should exercise their freedom with responsibility. The responsibility to secure and to respect general conditions conducive to the freedom to learn is shared by all members of the College community. The following enumerated rights are guaranteed to each student within the limitations of statutory law and College policy which are deemed necessary to achieve the educational goals of the College: (1) Academic freedom and (2) Due process.

The College may impose disciplinary sanctions against a student who commits, attempts to commit, aids, abets, incites, encourages, or assists another person to commit, an act(s) of misconduct, which include, but are not limited to the following: (1) Academic dishonesty; (2) Other dishonesty; (3) Obstructive or disruptive conduct; (4) Assault, intimidation, harassment; (5) Cyber-misconduct; (6) Property violation; (7) Failure to comply with directive; (8) Weapons (except under certain circumstances); (9) Hazing; (10) Alcohol, drug, and tobacco violations; (11) Lewd conduct; (12) Discriminatory conduct; (13) Sexual misconduct; (14) Harassment; (15) Retaliation; (16) Misuse of electronic resources; (17) Unauthorized access; (18) Safety violations; (19) Violation of other laws or policies; and/or (20) Ethical violation.

Possible disciplinary sanctions for violation of the student conduct code include: (1) Disciplinary warning; (2) Written reprimand; (3) Disciplinary probation; (4) Disciplinary suspension; or (5) Dismissal. Terms and conditions may be imposed alone or in conjunction with the imposition of a disciplinary sanction including, but not limited to, the following: (1) Restitution; (2) Professional evaluation; (3) Not in good standing; and/or (4) No contact order.

For questions about the Student Conduct Policy, contact the Office of Students, Equity & Success (206) 546-4641, FOSS (Building 5000), Room 5202.

Policy 5035

Students shall have recourse against arbitrary and capricious actions or decisions relating to academic evaluations by their instructors through an orderly procedure.

The full text of all Student Policies and the accompanying procedural guidelines are available through the offices of the Vice President of Students, Equity & Success and the Office of Student Learning and Success.

Title IX and Non-Discrimination Policy

Shoreline Community College recognizes its responsibility for investigation, resolution, implementation of corrective measures, and monitoring the educational environment and workplace to stop, remediate, and prevent discrimination on the basis of race, color, national origin, age, perceived or actual physical or mental disability, pregnancy, genetic information, sex, sexual orientation, gender identity, marital status, creed, religion, honorably discharged veteran or military status, or use of a trained guide dog or service animal, as required by Title VI of the Civil Rights Act of 1964, Title VII of the Civil Rights Act of 1964, Title IX of the Educational Amendments of 1972, Sections 504 and 508 of the Rehabilitation Act of 1973, the Americans with Disabilities Act and ADA Amendment Act, the Age Discrimination Act of 1975, the Violence Against Women Reauthorization Act and Washington State's Law Against Discrimination, Chapter 49.60 RCW and their implementing regulations.

To this end, Shoreline Community College has enacted policies prohibiting

discrimination against and harassment of members of these protected classes. Any individual found to be in violation of these policies will be subject to disciplinary action up to and including dismissal from the College or from employment. Any employee, student, applicant, or visitor who believes that he or she has been the subject of discrimination or harassment should report the incident or incidents to the College's Title IX/EEO Coordinator(s) identified below. If the complaint is against a Coordinator, the complainant should report the matter to the president's office for referral to an alternate designee.

Title IX / EEO Coordinator

Tricia Lovely
Room 1016, 1000 Building
206-533-6746
tlovely@shoreline.edu

EEO/AA Officer:

Veronica Zura
Administration Building
(206) 546-7858
vzura@shoreline.edu

High School Re-Engagement Programs

Earn your high school diploma or equivalent and prepare for college-level classes with free or low-cost tuition and support.

- Career Education Options (Ages 16-21)
- Learning Center North (Ages 16-21)
- GED (Ages 16+)
- High School Completion Program (Ages 18+)
- High School 21+ (Ages 21+)

Learn more:

www.shoreline.ed/high-school-programs

ONLINE LEARNING CREDIT CLASSES

www.shoreline.edu/elearning

Ready for Online Learning?

Does your schedule make it difficult to attend courses on campus? Are you comfortable using a computer, sending email, and navigating the Internet? Can you dedicate an average of 10-15 hours per week for study and class participation?

If you answered "yes" to these questions, then an online class might be for you. To find out more, take a self-assessment survey at shoreline.edu/elearning and click on **SmarterMeasure**.

GETTING STARTED IN eLEARNING CLASSES

After registering for an eLearning class, visit the eLearning Services website for step-by-step instructions about how to access your virtual Canvas classroom at shoreline.edu/elearning and click on **Canvas Support**.

You should be able to access your Canvas classroom by the FIRST DAY OF THE QUARTER for online classes. Hybrid and web-enhanced Canvas classroom access may occur later and varies by instructor.

Textbooks can be ordered online at: www.shoreline.edu/bookstore.

TECHNICAL REQUIREMENTS

To participate in an eLearning class (online, hybrid, or web-enhanced), you will need reliable access to a computer with Internet access and your student email account. Laptops are available for check-out. For details, visit www.shoreline.edu/elearning and click on **Technical Requirements**.

ELEARNING OPTIONS

ONLINE classes allow students to study anywhere there is access to a computer and the Internet. Students can access their online courses through a number of campus-based computer labs, as well as through any computer with a reliable Internet connection.

REQUIRED MEETINGS ON CAMPUS: None

REQUIRED MEETINGS ONLINE: Varies; see course description

HYBRID classes involve some on-campus work, as well as online learning. Hybrid classes offer face-to-face, personal interaction with your instructor and other students. Plus, you have anytime/anywhere access to the course from any computer with Internet access.

REQUIRED MEETINGS ON CAMPUS: Varies; see course description

WEB-ENHANCED classes include take place at the college's physical campus, and also use online resources to enhance the on-campus instruction. They do not reduce the requirement for attendance. Please check with your instructor for more information.

REQUIRED MEETINGS ON CAMPUS: Not reduced by online component

ONLINE CLASSES (note meeting dates for some courses)

COURSE	NAME	ITEM	SEC
ACCOUNTING 19			
ACCT& 201	PRINCIPLES OF ACCOUNTING I	0135	N1
ACCT& 201	PRINCIPLES OF ACCOUNTING I	0137	N2
ACCT& 202	PRINCIPLES OF ACCOUNTING II	0145	N1
ACCT& 202	PRINCIPLES OF ACCOUNTING II	0147	N2
ACCT& 203	PRINCIPLES OF ACCOUNTING III	0151	N1
ACCT 208	NOT-FOR PROFIT & GOVT ACCT	0133	N1
AMERICAN ETHNIC STUDIES 21			
AES 215	FROM RHY REAS: CULT HIP HOP	0157	N1
ANTHROPOLOGY 22			
ANTH& 206	CULTURAL ANTHROPOLOGY	0167	N1
ANTH 215	INTRO MED ANTH GLOBAL HEA	0161	N1
ART 22			
ART& 100	ART APPRECIAT: WORLD OF ART	0255	N1
ART HISTORY 24			
ARTH 225	SURVEY ART: RENAISS - 19TH CT	0257	N1
ASTRONOMY 25			
ASTR& 101	INTRODUCTION TO ASTRONOMY	0263	N1
AUTOMOTIVE TECHNOLOGY 25-27			
AUTOT 272G	APPLI LEARN GM BRAKE SYSTEMS	0297	N1
AUTOT 272H	APPL LEARN BRAKE SYSTEMS	3041	N1
AUTOT 273G	APPL LEARN STEER & SUSP SYSTEMS	0299	N1
AUTOT 273H	APPL LEARN STEER & SUS SYSTEMS	3042	N1
AUTOT 276C	APPLIED LEARN ELECTR SYSTEMS	0301	N2
AUTOT 278C	APPL LEARN HEAT & AIR COND	0305	N1
BIOLOGY 27-29			
BIOL 126	SUSTAINABLE GARDEN/HORTI	0315	N1
BIOL& 170	HUMAN BIOLOGY	0339	N1
BIOL& 170	HUMAN BIOLOGY	0341	N2
BIOL& 170	HUMAN BIOLOGY	0343	N3
BUSINESS 29-30			
BUS& 101	INTRODUCTION TO BUSINESS	0425	N1
BUS 102	BUSINESS MATHEMATICS	0387	N1
BUS 103	MULTICULTURALISM IN WORKPLACE	0391	N1
BUS 105	ESSENTIALS OF HUMAN RELATIONS	0395	N1
BUS 105	ESSENTIALS OF HUMAN RELATIONS	0397	N2
BUS 144	LOGISTICS & TRANSPORTATION FUND	0403	N1
BUS 181	PROJECT PLANNING	0405	N1
BUS 182	PROJECT MANAGEMENT PRACTICUM	0407	N1
BUS 184	PROJECT MANAGEMENT 2	0409	N1
BUS 219	SUSTAINABLE MARKETING	0411	N1
BUS 220	ADVERTISING AND SALES PROMOTION	0413	N1
BUS 235	RETAIL BUYING AND MANAGEMENT	0415	N1
BUS 245	EPROCUREMENT	0417	N1
BUS 270	ENTREPREN- START NEW BUSINESS	0421	N1
BUSINESS TECHNOLOGY 31			
BUSTC 105	COMPUTER APPLICATIONS	0441	N1
BUSTC 107	COMPUTER 10-KEY	0443	N1
BUSTC 128	WORD 2016, LEVEL 1	0449	N1
BUSTC 170	ACCESS 2016	0451	N1
BUSTC 180	OUTLOOK 2016	0453	N1
BUSINESS WRITING 31			
BTWRT 215	BUSINESS COMMUNICATIONS	0385	N1
CHEMISTRY 31-33			
CHEM& 110	CHEMICAL CONCEPTS WITH LAB	0497	N1
CHEM 256	INTR TO BIOCHEMISTRY SCI MAJORS II	0487	N1
CHILD ADVOCACY STUDIES 33			
CAST 202	PROFESS & SYSTEM RESPONSES	0455	N1
CAST 285	GENDER, VIOLEN & SOCIAL CHANGE	0457	N1
CINEMA 34			
CINEM 201	INTRODUCTION TO CINEMA HISTORY	0519	N1

ONLINE CLASSES (note meeting dates for some courses)

COURSE	NAME	ITEM	SEC	COURSE	NAME	ITEM	SEC
CLEAN ENERGY TECHNOLOGY				HEALTH INFORMATICS/INFO. MANAGEMENT			
NRG 101	INTRODUCTI TO RENEWABLE ENERGY	1641	N1	HIIM 224	MGMT FOR HEALTH INFOR SUPERV	1107	N1
NRG 180	BUILD SYSTEMS & BLUEPRINT READ	1645	N1	HIIM 235	HEALTH INFO MANAGEMENT PROJECT	1109	N1
COMMUNICATION STUDIES				HIIM 238	HEALTH DATA MANAGEMENT	1111	N1
CMST& 101	INTRODUCTION TO COMMUNICATION	0565	N1	HISTORY			
CMST& 101	INTRODUCTION TO COMMUNICATION	0567	N2	HIST& 136	U.S. HISTORY 1: TO 1877	1117	N1
CMST& 101	INTRODUCTION TO COMMUNICATION	0569	N3	HIST& 215	WOMEN IN U.S. HISTORY	1123	N1
CMST& 102	INTRODUCTION TO MASS MEDIA	0577	N1	HIST& 215W	WOMEN IN U.S. HISTORY	1125	N1
CMST& 102W	INTRODUCTION TO MASS MEDIA	0579	N1	HUMAN DEVELOPMENT			
CMST& 220	PUBLIC SPEAKING	0583	N1	HUMDV 101	COLLEGE ORIENTATION & SUCCESS	1139	N1
COMPUTER SCIENCE				HUMDV 105	CAREER EXPLORATION LIFE PLAN	1141	N1
CS 143	COMPUTER SCI II - JAVA DATA STRUCT	0599	N1	HUMDV 130	STRESS MANAGEMENT	1143	N1
CRIMINAL JUSTICE				HUMDV 130	STRESS MANAGEMENT	1145	N2
CJ& 101	INTRODUCTION TO CRIMINAL JUSTICE	0533	N1	HUMDV 140	IMPROVING RELATIONSHIPS	1147	N1
CJ& 110	CRIMINAL LAW	0535	N1	HUMANITIES			
CJ 238	CRIMINAL EVID & CONSTITUTL LAW	0523	N1	HUM 105	MULTICULTURAL STUD ARTS & HUMAN	1131	N1
CJ 290	INTERNSHIP	0525	N1	HUM 113	EXPLOR CULT: CHANG WORLD ORDER	1135	N1
DRAMA				MATHEMATICS			
DRMA& 101	INTRODUCTION TO THEATRE 0671	N1		MATH 046	INTERM ALGEBRA SUPPORT STATIST	1187	N3
EARLY CHILDHOOD EDUCATION				MATH 047	INT. ALGEBRA MATH& 107 PHIL& 120	1191	N1
ECED& 105	INTROD EARLY CHILDHOOD EDUC	0719	N1	MATH 049	SUPPORT FOR INTERMED ALGEBRA	1197	N2
ECED& 170	ENVIRONMENTS YOUNG CHILDREN	0721	N1	MATH 098	INTERMEDIATE ALGEBRA I	1205	N1
ECED& 190	OBSERVATION AND ASSESSMENT	0723	N1	MATH 099	INTERMEDIATE ALGEBRA	1217	N1
ECONOMICS				MATH 099	INTERMEDIATE ALGEBRA	1219	N2
ECON& 201	MICRO ECONOMICS	0733	N1	MATH& 107	MATH IN SOCIETY	1231	N1
ECON& 202	MACRO ECONOMICS	0739	N1	MATH 111	ELEMENTS OF PRE-CALCULUS	1221	N1
EDUCATION				MATH& 142	PRECALCULUS II	1245	N1
EDUC& 115	CHILD GROWTH AND DEVELOPMENT	0757	N1	MATH& 146	INTRODUCTION TO STATS	1257	N1
EDUC& 202	INTRODUCTION TO EDUCATION	0759	N1	MATH& 146	INTRODUCTION TO STATS	1261	N3
EDUC 210	BEST PRACTICES SPECIAL EDUCATION	0745	N1	MATH& 152	CALCULUS II	1277	N1
EDUC& 240	DIVERSITY IN EDUCATION	0761	N1	MEDICAL LAB TECHNOLOGY			
ENGLISH				MLT 123	AIDS & HIV EDU HEALTH CARE WORK	1383	N1
ENGL& 101	ENGLISH COMPOSITION I	0791	N1	MULTICULTURAL STUDIES			
ENGL& 101	ENGLISH COMPOSITION I	0793	N2	MCS 105	INTROD TO MULTICULTURAL STUDIES	1285	N1
ENGL& 101	ENGLISH COMPOSITION I	0795	N3	MCS 105	INTROD TO MULTICULTURAL STUDIES	1287	N2
ENGL& 101	ENGLISH COMPOSITION I	0797	N4	MCS 105	INTROD TO MULTICULTURAL STUDIES	1289	N3
ENGL& 102	COMPOSITION II: REAS/RESE/WRIT	0819	N1	MCS 105	INTROD TO MULTICULTURAL STUDIES	1291	N4
ENGL& 102	COMPOSITION II: REAS/RESE/WRIT	0821	N2	MCS 105	INTROD TO MULTICULTURAL STUDIES	1293	N5
ENGL& 102	COMPOSITION II: REAS/RESE/WRIT	0823	N3	MUSIC			
ENGL& 102	COMPOSITION II: REAS/RESE/WRIT	0825	N4	MUSC 100	INTRODUCTION TO MUSIC THEORY	1405	N1
ENGL 279	WRITING FOR NEW MEDIA	0777	N1	MUSC& 105	MUSIC APPRECIATION	1563	N1
ENGLISH FOR ACADEMIC PURPOSES				MUSC 109	AMERICAN POPULAR MUSIC	1411	N1
ESLAB 037	ESLAB LEVEL 3 I-DEA	0935	N1	MUSC 139	SIBELIUS MUSIC NOTATION SOFTWARE	1431	N1
ESLAB 037	ESLAB LEVEL 3 I-DEA	0937	N2	MUSIC TECHNOLOGY			
FRENCH				MUSTC 106	ACOUSTICS OF MUSIC	1575	N1
FRCH& 122	FRENCH II	1055	N1	MUSTC 151	INTRODUCTION TO MIDI	1589	N1
GENDER/WOMEN'S STUDIES				MUSTC 152	MIDI SEQUENCING I	1591	N1
GWS 215	WOMEN IN U.S. HISTORY	1079	N1	MUSTC 153	MIDI SEQUENCING II	1593	N1
GWS 215W	WOMEN IN U.S. HISTORY	1081	N1	MUSTC 163	MIDI DRUM PROGRAMMING	1597	N1
GWS 285	GENDER, VIOLEN & SOCIAL CHANGE	1085	N1	MUSTC 243	POP & COMMERC MUSIC THEORY III	1611	N1
GEOGRAPHY				NUTRITION			
GEOG& 100	INTRODUCTION TO GEOGRAPHY	1071	N1	NUTR& 101	NUTRITION	1773	N1
GEOLOGY				NUTR& 101	NUTRITION	1775	N2
GEOL& 101	INTRODUCTION PHYSICAL GEOLOGY	1075	N1	NUTR& 101	NUTRITION	3007	N3
HEALTH INFORMATICS/INFO. MANAGEMENT				NUTR& 101	NUTRITION	1777	N4
HIIM 134	MEDICAL TERMINOLOGY	1087	N1	NUTR 188	NUTRITION AND FITNESS	1771	N1
HIIM 154	REVENUE CYCLE MANAGEMENT	1091	N1	PHILOSOPHY			
HIIM 154	REVENUE CYCLE MANAGEMENT	1093	N2	PHIL& 101	INTRODUCTION TO PHILOSOPHY	1853	N1
HIIM 154	REVENUE CYCLE MANAGEMENT	1095	N3	PHIL& 120	SYMBOLIC LOGIC	1863	N1
HIIM 170	LEGAL ASPECTS OF HEALTH CARE	1097	N1	PHIL 248	ETHICAL ISSUES IN CRIMINAL JUSTICE	1851	N1
HIIM 170	LEGAL ASPECTS OF HEALTH CARE	1099	N2	PHYSICAL EDUCATION			
HIIM 172	CPT CODING	1101	N1	PE 184	ACTIVE WEIGHT MAINTENANCE	1805	N1
HIIM 172	CPT CODING	1103	N2	PE 186	ACTIVE MINDFULNESS	1807	N1
HIIM 180	INTRO TO REIMBURS & CODING	1105	N1	PE 188	NUTRITION AND FITNESS	1809	N1

ONLINE CLASSES

COURSE	NAME	ITEM	SEC
PHYSICAL EDUCATION			68-70
PHYS 110	CONCEPTS OF THE PHYSICAL WORLD	1867	N1
POLITICAL SCIENCE			70
POLS& 101	INTRODUCTION TO POLITICAL SCIENCE	1881	N1
POLS& 202	INTRO AMER GOVT & POLITICS	1885	N1
PSYCHOLOGY			70-71
PSYC& 100	GENERAL PSYCHOLOGY	1901	N1
PSYC& 200	LIFESPAN PSYCHOLOGY	1909	N1
PSYC 202	BIOPSYCHOLOGY	1887	N1
PSYC 236	INTRODUCTION TO PERSONALITY	1893	N1
SOCIOLOGY			71
SOC& 101	INTRODUCTION TO SOCIOLOGY	1925	N1
SOC 202	PROFESSIONAL & SYSTEMIC RESPON	1917	N1
SPANISH			71-72
SPAN& 122	SPANISH II	1931	N1
VISUAL COMMUNICATIONS TECHNOLOGY			72-74
VCT 124	BASIC MACINTOSH SYSTEMS OPER	1949	N1
VCT 125	INTRO IMAGE CONSTRUCT, EDIT & OUT	1953	N1

HYBRID CLASSES

COURSE	NAME	ITEM	SEC
ACCOUNTING			19
ACCT& 201	PRINCIPLES OF ACCOUNTING I	0139	Y1
ACCT& 201	PRINCIPLES OF ACCOUNTING I	0141	Y2
ACCT& 201	PRINCIPLES OF ACCOUNTING I	0143	Y3
ACCT& 201	PRINCIPLES OF ACCOUNTING I	3008	Y4
ACCT& 202	PRINCIPLES OF ACCOUNTING II	0149	Y1
ACCT& 203	PRINCIPLES OF ACCOUNTING III	0153	Y1
ADULT BASIC EDUCATION			19-21
ABE 053	ABE MATH COLLEGE & CAREER 5	0049	Y1
ABE 063	ABE MATH COLLEGE & CAREER 6	0057	Y2
AMERICAN ETHNIC STUDIES			21
AES 106	MUSIC IN AMERICAN CULTURE	0155	Y1
AMERICAN SIGN LANGUAGE			22
ASL& 122	AMERICAN SIGN LANGUAGE II	3003	Y1
ASL& 123	AMERICAN SIGN LANGUAGE III	0261	Y1
ANTHROPOLOGY			22
ANTH& 100	SURVEY OF ANTHROPOLOGY	0163	Y1
ANTH 130	WORLD CULTURES	0159	Y1
ANTH& 205	BIOLOGICAL ANTHROPOLOGY	0165	Y1
ART			22-24
ART 134	DRAWING FOR ANIMATION	0209	Y1
AUTOMOTIVE TECHNOLOGY			25-27
AUTOT 170C	FUND OF FCA AUTO SERVICE TRAIN	0275	Y1
AUTOT 171H	HONDA ENGINE REPAIR	0277	Y1
AUTOT 175H	HONDA ENGINE MGMT & EMISS SYS	0281	Y1
AUTOT 176C	M-CAP ELECTRICAL SYSTEMS	0283	Y1
AUTOT 176G	GM ELECTRICAL SYSTEMS	0285	Y1
AUTOT 178C	M-CAP HEATING & AIR CONDITIONING	0287	Y1
AUTOT 178G	GM HEATING AND AIR CONDITIONING	3040	Y1
BIOLOGY			27-29
BIOL& 211	MAJORS CELLULAR: BIOLOGY	0351	Y1
BIOL& 211	MAJORS CELLULAR: BIOLOGY	0353	Y2
BIOL& 241	HUMAN ANATOMY & PHYSIOLOGY I	0367	Y1
BIOL& 242	HUMAN ANATOMY AND PHYSIOLOGY II	0375	Y1
BIOL 276	IMMUNOLOGY LECTURE	0325	Y1
BIOL 277	IMMUNOLOGY	0327	Y1
BUSINESS			29-30
BUS& 101	INTRODUCTION TO BUSINESS	0427	Y1
BUS& 101	INTRODUCTION TO BUSINESS	0429	Y2
BUS& 101	INTRODUCTION TO BUSINESS	0431	Y3
BUS& 101	INTRODUCTION TO BUSINESS	0433	Y4
BUS& 101	INTRODUCTION TO BUSINESS	0435	Y5
BUS 102	BUSINESS MATHEMATICS	0389	Y1

HYBRID CLASSES

COURSE	NAME	ITEM	SEC
BUSINESS			29-30
BUS 104	HUMAN RELATIONS IN BUSINESS	0393	Y1
BUS 105	ESSENTIALS OF HUMAN RELATIONS	0399	Y1
BUS 130	PRINCIPLES OF FASHION	0401	Y1
BUS& 201	BUSINESS LAW	0437	Y1
BUS& 201	BUSINESS LAW	0439	Y2
BUS 230	HISTORY OF FASHION	3011	Y1
BUS 250	HUMAN RESOURCE MANAGEMENT	0419	Y1
CHEMISTRY			31-33
CHEM& 121	INTRO TO CHEMISTRY	0509	Y2
CINEMA			34
CINEM 201	INTRODUCTION TO CINEMA HISTORY	0521	Y1
CLEAN ENERGY TECHNOLOGY			34
NRG 162	LARGE BUILD ASST: BUILD TECH	1643	Y1
COMMUNICATION STUDIES			35-36
CMST& 101	INTRODUCTION TO COMMUNICATION	0571	Y1
CMST& 101	INTRODUCTION TO COMMUNICATION	0573	Y2
CMST& 101	INTRODUCTION TO COMMUNICATION	0575	Y3
CMST& 101	INTRODUCTION TO COMMUNICATION	3004	Y4
CMST 203	COMMUNICATION SOCIAL CHANGE	0537	Y2
CMST 203	COMMUNICATION SOCIAL CHANGE	0539	Y3
CMST& 210	INTERPERSONAL COMMUNICATION	0581	Y1
CMST& 220	PUBLIC SPEAKING	0585	Y2
CMST& 220	PUBLIC SPEAKING	0587	Y3
CMST& 220	PUBLIC SPEAKING	0589	Y4
COMPUTER SCIENCE			35-36
CS 121	INTRODUCTION TO PROGRAMMING	0595	Y1
CS 121	INTRODUCTION TO PROGRAMMING	0593	Y2
CS& 141	COMPUTER SCIENCE I - JAVA	0603	Y1
CS& 141	COMPUTER SCIENCE I - JAVA	0605	Y2
DENTAL HYGIENE			36-37
DENHY 181	RESTORATIVE DENTISTRY I	0617	Y1
ECONOMICS			39
ECON 100	SURVEY OF ECONOMIC PRINCIPLES	0725	Y1
ECON& 201	MICRO ECONOMICS	0735	Y1
ECON& 201	MICRO ECONOMICS	0737	Y2
ECON& 202	MACRO ECONOMICS	0743	Y2
ENGINEERING			39-40
ENGR 100	INTROD TO ENGINEERING & DESIGN	0845	Y1
ENGR& 114	ENGINEERING GRAPHICS	0855	Y1
ENGR& 215	DYNAMICS	0859	Y1
ENGR 240	APPLIED NUMERICAL METHODS	0851	Y1
ENGLISH			40-42
ENGL 090	READ & WRIT ACADEMIC SUBJECT	0767	Y1
ENGL 099	ANALYTICAL READING AND WRITING	0771	Y1
ENGL 099	ANALYTICAL READING AND WRITING	0773	Y3
ENGL& 101	ENGLISH COMPOSITION I	0799	Y1
ENGL& 101	ENGLISH COMPOSITION I	0801	Y10
ENGL& 101	ENGLISH COMPOSITION I	0803	Y11
ENGL& 101	ENGLISH COMPOSITION I	0805	Y3
ENGL& 101	ENGLISH COMPOSITION I	0807	Y5
ENGL& 101	ENGLISH COMPOSITION I	0809	Y6
ENGL& 101	ENGLISH COMPOSITION I	0811	Y8
ENGL& 102	COMP II: REAS/RES/WRIT	0827	Y1
ENGL& 102	COMPOSITION II: REASON/RES/WRIT	0829	Y2
ENGL& 102	COMPOSITION II: REASON/RES/WRIT	0831	Y3
ENGL& 102	COMPOSITION II: REASON/RES/WRIT	0833	Y4
ENGL& 102	COMPOSITION II: REASON/RES/WRIT	0835	Y5
ENGL& 102	COMPOSITION II: REASON/RES/WRIT	0837	Y6
ENGL& 102	COMPOSITION II: REASON/RES/WRIT	0839	Y8
ENGL 281	BEGINNING SHORT STORY WRITING I	3000	Y1
ENGL 282	BEGINNING SHORT STORY WRITING II	3001	Y1

HYBRID CLASSES

COURSE	NAME	ITEM	SEC	
ENGLISH FOR ACADEMIC PURPOSES				42
EAPAB 090	ENGLISH ACADEMIC PURPOSES B	0709	Y1	
EAP 090	ENGLISH ACADEMIC PURPOSES B	0689	Y1	
ENVIRONMENTAL SCIENCE				43
ENVS& 101	INTROD ENVIRONMENTAL SCIENCE	0861	Y2	
ENVS& 101	INTROD ENVIRONMENTAL SCIENCE	0863	Y3	
ESL/ABE				10
ESLAB 058	FOCUS ON WRITING	0961	Y1	
ESLAB 060	INTEGRATED SKILLS IN ENGLISH 6	0967	Y1	
ESLAF 078	FOCUS ON WRITING	1017	Y1	
FRENCH				46-47
FRCH& 123	FRENCH III	1059	Y1	
GENDER/WOMENS STUDIES				47
GWS 284	GENDER, RACE AND CLASS	1083	Y1	
HISTORY				49
HIST& 118	W CIVILIZATION III: MODERN WORLD	1115	Y1	
HIST 245	HISTORY OF AMERICAN IMMIGRATION	1113	Y1	
HUMANITIES				50
HUM 105	MULTICU STUDIES ARTS & HUMANIT	1133	Y1	
JAPANESE				50-51
JAPN& 122	JAPANESE II	1171	Y1	
JAPN& 123	JAPANESE III	1173	Y1	
JAPN& 223	JAPANESE VI	1175	Y1	
MANUFACTURING TECHNOLOGY				51-52
MFGT 215	MANUFACTURING TECHNOLOGY PROG	1359	Y1	
MFGT 220	COMPUTER AIDED MANUFACT (CAM)	1361	Y1	
MEDICAL LABORATORY TECHNOLOGY				60-62
MLT 122	PHLEBOTOMY LABORATORY BASICS	1381	Y1	
MLT 181	INTRODUCTION MEDICAL LAB PROC	1387	Y1	
MLT 182	LAB: MED. LAB PROCEDURES	1389	Y1	
MLT 182	LAB: MED. LAB PROCEDURES	1391	Y2	
MLT 182	LAB: MED. LAB PROCEDURES	1393	Y3	
MULTICULTURAL STUDIES				56
MCS 105	INTROD TO MULTICULTURAL STUDIES	1295	Y1	
MCS 105	INTROD TO MULTICULTURAL STUDIES	1297	Y3	
MCS 105	INTROD TO MULTICULTURAL STUDIES	1299	Y4	
MUSIC				56-60
MUSC 106	MUSIC IN AMERICAN CULTURE	1409	Y1	
MUSC 114	CLASS INSTRUCTION-GUITAR I	1413	Y1	
MUSIC TECHNOLOGY				60-62
MUSTC 250	CLASS PIANO POP & COMM MUSIC	1613	Y1	
NUTRITION				66
NUTR& 101	NUTRITION	1779	Y1	
NUTR& 101	NUTRITION	1781	Y2	
NUTR& 101	NUTRITION	1783	Y3	
PHILOSOPHY				67-68
PHIL& 101	INTRODUCTION TO PHILOSOPHY	1859	Y1	
PHIL 102	CONTEMPORARY MORAL PROBLEMS	1849	Y1	
PHIL 210	COMPARATIVE RELIGION	2027	Y1	
PSYCHOLOGY				70-71
PSYC& 100	GENERAL PSYCHOLOGY	1905	Y1	
PSYC& 100	GENERAL PSYCHOLOGY	1907	Y2	
PSYC& 100	GENERAL PSYCHOLOGY	1903	Y3	
PSYC& 200	LIFESPAN PSYCHOLOGY	1911	Y1	
PSYC 207	THE PSYCHOLOGY OF EXCELLENCE	1889	Y1	
PSYC 209	FUND OF PSYCHOLOGICAL RESEARCH	1891	Y1	
SPANISH				71-72
SPAN& 121	SPANISH I	1929	Y1	
SPAN& 122	SPANISH II	1933	Y1	
SPAN& 123	SPANISH III	1935	Y1	
STUDY SKILLS				72
STYSK 100	ACADEMIC SUCCESS STRATEGIES	1937	Y1	

HYBRID CLASSES

COURSE	NAME	ITEM	SEC
VISUAL COMMUNICATIONS TECHNOLOGY			72-74
VCT 102	GRAPHIC DESIGN 2	1941	Y1
VCT 103	GRAPHIC DESIGN 3	1943	Y1
VCT 112	VISUAL COMMUNICATIONS SURVEY	1945	Y1
VCT 134	ADOBE: ILLUSTRATOR (VECTOR GRAP)	1955	Y1
VCT 170	ADOBE: INTERACTIVE/WEB DESIGN	1965	Y1
VCT 173	INTRODUCTION TO UX/UI DESIGN	1967	Y1
VCT 204	GRAPHIC DES 4: PACK & EVENT GRAP	1973	Y1
VCT 205	SPEC: DESIGN STUDIO/PORTFOLIO 5	1975	Y1
VCT 206	SPEC: DESIGN STUDIO/PORTFOLIO 6	1977	Y1
VCT 207	SPEC: DESIGN STUDIO/PORTFOLIO 7	1979	Y1
VCT 215	SPEC: ADOBE STUDIO/PORTFOLIO 1	1981	Y1
VCT 216	SPEC: ADOBE STUDIO/PORTFOLIO 2	1983	Y1
VCT 217	SPEC: ADOBE STUDIO/PORTFOLIO 3	1985	Y1
VCT 235	SPEC: AUTOD/3D STU/GAME DES 1	1987	Y1
VCT 236	SPEC: AUTOD/3D STU/GAME DES 2	1989	Y1
VCT 237	SPEC: AUTOD/3D STUD/GAME DES 3	1991	Y1
VCT 245	SPEC: VIDEO/VISUAL EFFE STUDIO 1	1993	Y1
VCT 246	SPEC: VIDEO/VISUAL EFFE STUDIO 2	1995	Y1
VCT 247	SPEC: VIDEO/VISUAL EFFE STUDIO 3	1997	Y1
VCT 251	INTROD TO GAME DESIGN THEORY	1999	Y1
VCT 253	INTROD TO GAME DEVELOPMENT	2001	Y1
VCT 276	3D MODELING & ANIMATION MAYA	2007	Y1

EVENING DEGREE PROGRAM

You can work toward an Associate in Arts and Sciences Option A degree in the evening. This prepares you for transfer to a four-year college or university to complete your bachelor's degree. You may be able to complete your bachelor's degree in the evening as well, since some local and regional transfer receiving institutions also have evening degree options. See your advisor for more information.

COURSE	NAME	ITEM	SEC
ART			22-24
ART 121	CERAMIC ART 1	0175	E2
ART 122	CERAMIC ART 2	0179	E2
ART 123	CERAMIC ART 3	0183	E2
ART 131	DRAWING 1	0191	E4
ART 132	DRAWING 2	0199	E4
ART 133	DRAWING 3	0207	E4
ART 261	PRINTMAKING 1	0241	E1
BIOLOGY			27-29
BIOL& 211	MAJORS CELLULAR: BIOLOGY	0349	E5
BIOL& 213	MAJORS PLANT: BIOLOGY	0359	E2
BIOL& 241	HUMAN ANATOMY & PHYSIOLOGY I	0363	E2
BIOL& 241	HUMAN ANATOMY & PHYSIOLOGY I	0365	E3
BIOL& 242	HUMAN ANATOMY AND PHYSIOLOGY II	0371	E2
BIOL& 242	HUMAN ANATOMY AND PHYSIOLOGY II	0373	E3
BIOL 249	TISSUE CULTURE AND STAINING	0321	E1
BIOL 249	TISSUE CULTURE AND STAINING	0323	E2
BIOL& 260	MICROBIOLOGY	0381	E3
BIOL& 260	MICROBIOLOGY	0383	E4
CHEMISTRY			31-33
CHEM& 121	INTRODUCTION TO CHEMISTRY	0505	E5
CHEM& 131	INTROD ORGANIC/BIOCHEMISTRY	0513	E2
CLEAN ENERGY TECHNOLOGY			34
NRG 162	LARGE BUILD ASSESSM: BUILD TECH	1643	Y1
DRAMA			37-38
DRMA 207	THEATRICAL PRODUCTION	0651	02
DRMA 208	THEATRICAL PRODUCTION	0655	02
DRMA 209	THEATRICAL PRODUCTION	0659	03
ENGLISH			40-42
ENGL& 101	ENGLISH COMPOSITION I	0789	E3
ENGL& 102	COMPOSITION II: REASON/RES/WRIT	0817	E4

EVENING DEGREE PROGRAM

COURSE	NAME	ITEM	SEC
FILM			46-47
FILM 210	PRODUCING & MARKET INDEP FILM	1035	E1
FILM 257	VIDEO PRODUCTION II	1037	E1
FILM 258	CINEMATOGRAPHY & SOUND RECORD	1039	E1
MANUFACTURING TECHNOLOGY			51-52
MFGT 105	BASIC MANUFACTURING	1319	IB2
MFGT 105	BASIC MANUFACTURING	1321	IB4
MFGT 106	INTERMEDIATE MANUFACTURING	1331	IB2
MFGT 106	INTERMEDIATE MANUFACTURING	1333	IB4
MFGT 107	BASIC MANUFACTURING PART A	1337	
MFGT 108	BASIC MANUFACTURING PART B	1341	IB4
MFGT 120	MANUFACT TECHNOLOGY APPLICAT	1351	IB2
MFGT 120	MANUFACTURING TECH APPLICAT	1353	IB4
MFGT 246	MECHANICAL MAINTENANCE	1367	IB1
MFGT 247	MOTIVE MAINTENANCE	1371	IB1
MUSIC			56-60
MUSC 136	JAZZ ENSEMBLE	1429	01
MUSC 140	CONCERT BAND	1433	01
MUSC 164	MUSICAL THEATER PERFORMANCE	1451	01
MUSIC TECHNOLOGY			60-62
MUSTC 135	INTRO TO LIVE SOUND	3036	E1
MUSTC 223	MULTITRACK MUSIC PRODUCTION 3	1603	E1
MUSTC 223	MULTITRACK MUSIC PRODUCTION 3	1605	E2
MUSTC 274	MUSIC TECHNOLOGY PORTFOLIO DEV	1619	E2
PHYSICAL EDUCATION			68-70
PE 217	YOGA II	1819	E3
PE 260	FITNESS PARTICIPATION	1831	E11

FAST TRACK

COURSE	NAME	ITEM	SEC
HUMAN DEVELOPMENT			50
HUMDV 101	COLLEGE ORIENTATION AND SUCCESS	1139	N1
HUMDV 105	CAREER EXPLORATION & LIFE PLAN	1141	N1
HUMDV 130	STRESS MANAGEMENT	1143	N1
HUMDV 140	IMPROVING RELATIONSHIPS	1147	N1
PHYSICAL EDUCATION			68-70
PE 280	CARDIO-PULMONARY RESUSCITATION	1847	C1.
VISUAL COMMUNICATIONS TECHNOLOGY			72-74
VCT 124	BASIC MACINTOSH SYSTEMS OPER	1947	E1
VCT 124	BASIC MACINTOSH SYSTEMS OPER	1949	N1
VCT 125	INTRO TO IMAGE CONST, EDIT & OUT	1951	E1
VCT 125	INTRO TO IMAGE CONST, EDIT & OUT	1953	N1

WEEKEND CLASSES

COURSE	NAME	ITEM	SEC
CHEMISTRY			31-33
CHEM& 121	INTRO TO CHEMISTRY	0509	Y2
MANUFACTURING TECHNOLOGY			51-52
MFGT 227	ADVANCED CAD/CAM PROGRAMMING	1363	E1
PHYSICAL EDUCATION			68-70
PE 280	CARDIO-PULMONARY RESUSCITATION	1847	C1
SCIENCE			71
SCI 286	APPLY GRAD HEALTH PROF SCHOOL	1913	E1
SCI 287	CRITICAL READ ANALYSIS MCAT, GRE.	1915	E1

GENERAL EDUCATION CORE REQUIREMENTS

UNIVERSITY TRANSFER DEGREE

Students who wish to transfer to a four-year institution earn an Associate in Arts degree (AA-DTA) or an Associate in Science (AS).

The college is offering the following courses that meet transfer degree requirements:

MULTICULTURAL

	F	W	Sp	Su
CMST 203	x	x	x	x
CMST 285		x		
GWS 284	x	x	x	x
HIST 245	x			
MCS 105	x	x	x	x
HUM 105				
PSYC 230				

COMMUNICATION

	F	W	Sp	Su
ENGL& 101	x	x	x	x
ENGL& 102	x	x	x	x

QUANTITATIVE REASONING

	F	W	Sp	Su
MATH& 107	x	x	x	x
MATH 111	x	x	x	x
MATH& 141	x	x	x	x
MATH& 142	x	x	x	x
MATH& 146	x	x	x	x
MATH& 148	x	x	x	x
MATH& 151	x	x	x	x
MATH& 152	x	x	x	x
MATH& 163	x	x	x	x
MATH 207	x	x		
MATH 208		x	x	
MATH 211	x	x	x	x
MATH& 264		x	x	
PHIL& 120	x	x	x	x

F: FALL

W: WINTER

Sp: SPRING

Su: SUMMER

* = Approved in selected certificate and/or degree programs only

** = Certificate programs only

† = Professional/Technical (AAAS) degree only

Due to possible statewide changes in the General Education Requirements, please check the Shoreline Community College website www.shoreline.edu for Quantitative/Symbolic Reasoning and Algebra Proficiency requirements.

PROFESSIONAL/TECHNICAL DEGREES AND CERTIFICATES

Options include a two-year professional-technical degree (an Associate in Applied Arts and Sciences-AAAS) or a one-year Certificate of Proficiency. Many programs require completion of general education course requirements in communication, quantitative reasoning, and multicultural education. Professional/technical and certificate students must also satisfy the human relations requirement.

Professional/technical students in two-year degree or one-year certificate programs should consult individual program planning sheets or program advisors for a listing of general education courses that satisfy specific program requirements.

The college is offering the following courses that meet general education requirements for Professional/Technical Programs:

MULTICULTURAL

	F	W	Sp	Su
BUS 103	x	x	x	x
CMST 203	x	x	x	x
EDUC 117	x	x	x	x
GWS 284	x	x	x	x
HIST 245	x	x	x	x
MCS 105	x	x	x	x
NURS 242/252†	x			
NURSE 222/232†	x	x	x	

HUMAN RELATIONS

	F	W	Sp	Su
BUS 104*	x		x	
BUS 105				
BUS 250	x	x	x	
BUSTC 114		x		
CJ& 101	x		x	
CJ 120		x		x
CJ 137*	x			
CJ 249*		x		
CMST& 101	x	x	x	x
EDUC 240*	x	x	x	x
EDUC& 204	x	x	x	x
EDUC 210*		x		
EDUC 215*	x	x	x	x
EDUC 290*		x	x	
EDUC 296*		x	x	
HIIM 224+*			x	
NURS 243+*	x	x	x	

COMMUNICATION

	F	W	Sp	Su
BTWRT 115*	x	x		
BTWRT 215*	x	x	x	
CMST& 101	x	x	x	x
ENGL 099**	x	x	x	
ENGL& 101	x	x	x	x
ENGL& 102	x	x	x	x

QUANTITATIVE REASONING

	F	W	Sp	Su
BUS 102*	x	x	x	
BUSTC 150*	x	x	x	x
EDUC 118*		x		
MATH 070*	x	x	x	x
MATH 098*	x	x	x	x
MATH 099*	x	x	x	x
MATH& 107	x	x	x	x
MATH 111	x	x	x	x
MATH& 141	x	x	x	x
MATH& 142	x	x	x	x
MATH& 146	x	x	x	x
MATH& 148	x	x	x	x
MATH& 151	x	x	x	x
MATH& 152	x	x	x	x
MATH& 163	x	x	x	
MATH 207		x	x	x
MATH 208		x	x	
MATH 211			x	x
MATH& 264	x	x	x	
PHIL& 120	x	x	x	x

INTERDISCIPLINARY STUDIES**IDS 103****INTRODUCTION TO INTERNATIONAL POLITICAL ECONOMY**

Are you concerned about human rights, world hunger and poverty, terrorism, world environmental degradation, regional conflict, the WTO, economic, political and social globalization? All these issues converge in something called the international political economy. Examine these issues as they evolved in the international arena since WWI. Prerequisite: ENGL& 101 or equivalent test scores. Mandatory decimal grading.

Item 1169 SecID1 5 Credits 11:30am-12:20pm
DAILY Rm1724 Payne, T/Dodd, C

*Additional fees: \$1.00/credit. Also listed as INTST 201.

IDS 104**CROSSING BORDERS: EXPLORING CULTURE, IDENTITY AND POWER**

CMST& 101 + ENGL& 112, ENGL& 112W, ENGL 295 or ENGL 295W. Students will explore the theme of crossing borders by looking at culture, identity, and power. Using communication concepts and fiction, students will discover the intersections of borders and border crossing in their own lives.

Item 4504 SecID2 10 Credits 10:30am-12:20pm
MTWTh Rm2926 Idiart, J/Esquibel, E
Meets with ENGL& 112, #0775, CMST& 101, #3004, ENGL& 112W,
#3005. *Additional fees: \$7.00/credit.

HONORS**CHEM 173H****GENERAL-INORGANIC CHEMISTRY III HC**

Third course of three quarters of Gen. Chem. for science and engineering majors. Topics include Kinetics, chemical equilibrium, acids and bases, buffers, solubility and complex ion equilibrium, entropy, Gibbs energy, electrochemistry & transition metals. Course includes lecture and seminar. Concurrent enrollment in CHEM 183. Prerequisite: CHEM 172/182, ENGL& 101 and MATH& 141 with grades of 2.0 or better or Instructor permission. Mandatory decimal grading.

Item 0743 SecHC1 4 Credits 10:30am-11:20am
TWTh Rm2712 Ting, G
11:30am-12:20pm
F Rm2703
Meets with CHEM 173.E1, #0469 and CHEM 173.E2, #0471 for lecture. TO
HOLD YOUR PLACE IN CLASS YOU MUST REGISTER FOR BOTH CHEM 173
& CHEM 183. *Additional fees: \$1.00/credit..

GEOG 204H**WEATHER/CLIMATE AND ECOSYSTEMS HC**

An introduction to Earth's atmosphere and ecosystems. Focus on atmospheric and biological patterns and processes and their measurement and representation. Topics include global, North American and local (Northwest and Puget Sound) perspectives including climate change. A lab science distribution credit. Prerequisite: Placement in ENGL 099 or EAP 099 or successful completion of ENGL 090 or EAP 090 with a 2.0 or better. Mandatory decimal grading.

Item 1063 SecHC1 5 Credits 8:30am-9:20am
MTWTh Rm2920 Dodd, C
8:30am-10:20am
F Rm2920

*Additional fees: \$1.00/credit.

HNRS 296**HONORS CAPSTONE**

Course designed around a common issue or theme. Students complete and present individual honors thesis projects. Prerequisite: HNRS 250. Mandatory decimal grading.

Item 1127 SecHC1 2 Credits 1:00pm-2:50pm
W Rm1813 Taylor, T/
Zimmers, B

*Additional fees: \$7.00/credit.

MCS 105H**INTRODUCTION TO MULTICULTURAL STUDIES HC**

Students will develop a personal and historical understanding of issues related to race, social class, gender, sexual orientation, disabilities & culture; and how these issues are used in the distribution of power and privilege in the U.S. Prerequisite: ENGL 099 with a 2.0 or better or placement into ENGL& 101. Mandatory decimal grading.

Item 1301 SecHC1 5 Credits 9:30am-10:20am
TThF Rm2931 Johnson, E

*Additional fees: \$7.00/credit.

CREDIT CLASSES LISTINGS

A

Accounting	19
Adult Basic Education	19-21
American Ethnic Studies	21
American Sign Language	22
Anthropology	22
Art	22-24
Art History.....	24
Astronomy.....	25
Automotive Technology	25-27

B

Biology	27-29
Business	29-30
Business Technology	31
Business Writing	31

C

Chemistry.....	31-33
Child Advocacy Studies	33
Cinema	34
Clean Energy Technology	34
Communication Studies	34-35
Computer Science	35-36
Criminal Justice	36

D

Dental Hygiene	36-37
Drama	37-38

E

Early Childhood Education	38-39
Economics	39
Education	39
Education Learning Assistance	39
Engineering	39-40
English	40-42
English for Academic Purposes / ABE	42
English for Academic Purposes	42-43
Environmental Science	43
ESL for College Career	43
ESL / ABE	43-45
ESLAF-International	45-46

F

Film/Video	46-47
French	47

G

Gender / Women's Studies	47
Geography	47
Geology	48

H

Health Informatics / Info. Mgmt	48-49
History	49
Honors	49
Human Development	50
Humanities	50

I

International Studies	50
Interdisciplinary Studies	50

J

Japanese	50-51
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M

Manufacturing Technology	51-52
Mathematics	52-55
Medical Laboratory Technology	55-56
Multicultural Studies.....	56
Music	56-60
Music Technology	60-62

N

Nursing	62-65
Nursing 10 - Quarter	65
Nursing Assistant Certified	65-66
Nutrition	66

P

Parent Education	66-67
Philosophy	67-68
Physical Education	68-70
Physics	70
Political Science	70
Psychology	70-71

S

Science	71
Sociology	71
Spanish	71-72
Study Skills	72

V

Visual Communications Tech	72-74
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LEGEND

SHADED CLASSES:

Evening classes.

SERVICE-LEARNING COURSES:

shoreline.edu/service-learning

100 and 200 level courses

Students have the option to take both 100 and 200 level courses. Check the course description or the catalog to see if there is a prerequisite for the class. If you meet the prerequisite or if there is no prerequisite, you can register for the class. If you do not meet the prerequisite, you have the option of completing the prerequisite or obtaining written permission from the instructor or an advisor.

Computer use

Many classes may require the use of a computer with an Internet connection. The College has computer labs available for student use.

ACCOUNTING**ACCT& 201****PRINCIPLES OF ACCOUNTING I**

Basic principles, theories and procedures for reporting business transactions; analysis and presentation of financial information, integrated with computer applications. Mandatory decimal grading.

Item 0139	SecY1	5 Credits	9:30am-10:20am
TTh	Hybrid	Rm1101	Coleman, C

*Additional fees: \$7.00/credit.

Item 0141	SecY2	5 Credits	10:30am-11:20am
MW	Hybrid	Rm1101	Lothyan, M

*Additional fees: \$7.00/credit.

Item 0143	SecY3	5 Credits	11:30am-11:20pm
MW	Hybrid	Rm1101	Lothyan, M

*Additional fees: \$7.00/credit.

Item 3008	SecY4	5 Credits	12:30pm-2:10pm
MW	Hybrid	Rm1101	Lothyan, M

1:10pm-2:10pm

MW Rm1304

*Additional fees: \$7.00/credit.

Item 0135	SecN1	5 Credits	ARR
ONLINE			King, D

*Additional fees: \$7.50/credit.

Item 0137	SecN2	5 Credits	ARR
ONLINE			Fader, B

*Additional fees: \$7.50/credit.

ACCT& 202**PRINCIPLES OF ACCOUNTING II**

Accounting for short- and long-term assets and liabilities, corporations, statement of cash flows, financial statement analysis, and generally accepted accounting principles; integrated with computer applications. Prerequisites: Successful completion of ACCT& 201. Mandatory decimal grading.

Item 0149	SecY1	5 Credits	10:30am-11:20am
TTh	Hybrid	Rm1402	Fader, B

*Additional fees: \$7.00/credit.

Item 0145	SecN1	5 Credits	ARR
ONLINE			King, D

*Additional fees: \$7.50/credit.

Item 0147	SecN2	5 Credits	ARR
ONLINE			Fader, B

*Additional fees: \$7.50/credit.

ACCT& 203**PRINCIPLES OF ACCOUNTING III**

An introduction to job-, process- and activity-based costing, capital budgets, standard costs, cost-volume-profit analysis, and analysis of accounting information for managerial decision-making; integrated with computer applications. Prerequisite: Successful completion of ACCT& 201. Mandatory decimal grading.

Item 0153	SecY1	5 Credits	11:30am-12:20pm
TTh	Hybrid	Rm2202	Fader, B

*Additional fees: \$7.00/credit.

Item 0151	SecN1	5 Credits	ARR
Online			King, D

*Additional fees: \$7.50/credit.

ACCT 208**NOT-FOR PROFIT AND GOVERNMENTAL ACCOUNTING**

An introduction to accounting for not-for-profit organizations and state and local governments. Topics include general and special fund accounting for state and local governments, hospitals, charities, foundations, colleges and universities. Prerequisites: Successful completion of ACCT& 201 and 202. Mandatory decimal grading.

Item 0133	SecN1	5 Credits	ARR
Online			King, D

*Additional fees: \$7.50/credit.

ADULT BASIC EDUCATION**ABE 001****BASIC SKILLS ORIENTATION AND ASSESSMENT**

Students will learn about the ESL, ABE and GED programs and understand how to be successful in their classes. Students' basic skills will be assessed and students will be placed at their appropriate level. Mandatory P/NC grading.

Item 0001	Sec01	1 Credit	ARR
			Sleight, S

Meets with 0073.

Item 0003	Sec02	1 Credit	ARR
			Sleight, S

Meets with 0071.

ABE 012**READING AND WRITING 1**

Students will read with understanding by locating the topic, main idea, and key details of texts and use strategies to find the meaning of unknown words. Students will use a writing process to draft and edit connected paragraphs with guidance from the instructor. Prerequisite: Appropriate placement according to the Shoreline ABE placement tests. Mandatory P/NC grading.

Item 0005	SecE1	10 Credits	10:30am-12:20pm
MTWTh		Rm1701	Ta, C

Meets with 0013, 0021, 0075, 0083, 0091. Variable credit course.

Register for the number of credits desired.

Evening Class

Item 0007	SecE2	10 Credits	6:00pm-8:20pm
MTWTh		Rm1701	Fujita, L

Meets with 0015, 0023, 0031, 0039, 0077, 0085, 0093, 0101, 0109. Variable credit course. Register for the number of credits desired.

ABE 013**ABE MATH SKILLS FOR COLLEGE AND CAREER 1**

This course is clustered in the ABE Math Foundations class. Students in this course will learn about whole numbers with an emphasis on word problems. This is the first course in the ABE Math Foundations class cluster. Prerequisite: Appropriate placement according to the Shoreline Community College ABE competency assessments. Mandatory P/NC grading.

Item 0009	SecE1	10 Credits	8:30am-10:20am
MTWTh		Rm1713	Wisman, L/ Sleight, S

Meets with 0017, 0025, 0033, 0043, 0051, 0079, 0087, 0095, 0103, 0113, 0123. Variable credit course. Register for the number of credits desired.

Item 3034	SecE3	5 Credits	ARR
			Staff

Meets with 3032, 3030, 3028, 0047, 0053, 0063, 3023, 3016, 3015, 3014, 0117, 0125, 3012, 0041, 3013. Variable credit course. Register for the number of credits desired.

Evening Class

Item 0011	SecE2	10 Credits	6:00pm-8:20pm
MTWTh		Rm1713	Ta, C/Staff

Meets with 0019, 0027, 0035, 0045, 0055, 0059, 0081, 0089, 0097, 0105, 0115, 0121, 0129. Variable credit course. Register for the number of credits desired.

ABE 022**READING AND WRITING 2**

Students will read with understanding by locating important information in texts, use strategies to find the meaning of unknown words, and identify author's purpose. Students will write connected paragraphs and five-paragraph essays with guidance from instructor. Prerequisite: Appropriate placement according to the Shoreline ABE placement tests. Mandatory P/NC grading.

Item 0013 SecE1 10 Credits 10:30am-12:20pm
MTWTh Rm1701 Ta, C
Meets with 0005, 0021, 0075, 0083, 0091. Variable credit course. Register for the number of credits desired.

Evening Class

Item 0015 SecE2 10 Credits 6:00pm-8:20pm
MTWTh Rm1701 Fujita, L/Staff
Meets with 0007, 0023, 0031, 0039, 0077, 0085, 0093, 0101, 0109. Variable credit course. Register for the number of credits desired.

ABE 023**ABE MATH SKILLS FOR COLLEGE AND CAREER 2**

This course is clustered in the ABE Math Foundations class. Students in this course will have demonstrated competency with whole number skills. Students will learn about decimals with an emphasis on geometry. Prerequisite: Appropriate placement according to Shoreline Community College ABE competency assessments. Mandatory P/NC grading.

Item 0017 SecE1 10 Credits 8:30am-10:20am
MTWTh Rm1713 Sleight, S/
Wisman, L
Meets with 0009, 0025, 0033, 0043, 0051, 0079, 0087, 0095, 0103, 0113, 0123. Register for the number of credits desired.

Item 3032 SecE3 5 Credits ARR
Staff
Meets with 3034, 3030, 3028, 0047, 0053, 0063, 3023, 3016, 3015, 3014, 0117, 0125, 3012, 0041, 3013. Register for the number of credits desired.

Evening Class

Item 0019 SecE2 10 Credits 6:00pm-8:20pm
MTWTh Rm1713 Ta, C/Staff
Meets with 0011, 0027, 0035, 0045, 0055, 0059, 0081, 0089, 0097, 0105, 0115, 0121, 0129. Variable credit course. Register for the number of credits desired.

ABE 032**READING AND WRITING 3**

Students will read with understanding by locating the main idea and key details and identifying author's purpose. Students will write and edit persuasive and expository essays using a writing process. Prerequisite: Appropriate placement according to the Shoreline ABE placement tests. Mandatory P/NC grading.

Item 0021 SecE1 10 Credits 10:30am-12:20pm
MTWTh Rm1701 Ta, C
Meets with 0005, 0013, 0075, 0083, 0091. Variable credit course. Register for the number of credits desired.

Evening Class

Item 0023 SecE3 10 Credits 6:00pm-8:20pm
MTWTh Rm1701 Fujita, L/Staff
Meets with 0007, 0015, 0031, 0039, 0077, 0085, 0093, 0101, 0109. Variable credit course. Register for the number of credits desired.

ABE 033**ABE MATH FOR COLLEGE AND CAREER 3**

This course is clustered in the ABE Math Foundations class. Students in this course will have demonstrated competency with decimals. Students will learn about fractions with an emphasis on word problems. Prerequisite: Appropriate placement according to Shoreline Community College ABE competency assessments. Mandatory P/NC grading.

Item 0025 SecE1 10 Credits 8:30am-10:20am
MTWTh Rm1713 Sleight, S/
Wisman, L
Meets with 0009, 0017, 0033, 0043, 0051, 0079, 0087, 0095, 0103, 0113, 0123. Variable credit course. Register for the number of credits desired.

Item 0027 SecE2 10 Credits 6:00pm-8:20pm
MTWTh Rm1713 Staff/Ta, C
Meets with 0011, 0019, 0035, 0045, 0055, 0059, 0081, 0089, 0097, 0105, 0115, 0121, 0129. This is a variable credit course. Register for the number of credits desired.

Item 3030 SecE3 5 Credits ARR
Staff
Meets with 3034, 3032, 3028, 0047, 0053, 0063, 3023, 3016, 3015, 3014, 0117, 0125, 3012, 0041, 3013. This is a variable credit course. Register for the number of credits desired.

ABE 042**READING AND WRITING 4**

Students develop reading comprehension skills by using a reading process and thinking strategies to understand and evaluate texts. Students will use a writing process to develop clear and coherent evidence-based essays. Prerequisite: Appropriate placement according to the Shoreline ABE placement tests. Mandatory P/NC grading.

Item 0029 SecE1 10 Credits 10:30am-12:20pm
MTWTh Rm1713 Dusenberry
Meets with 0037, 0099, 0107, 0767, 1937. Register for the number of credits desired.

Item 0031 SecE3 10 Credits 6:00pm-8:20pm
MTWTh Rm1701 Fujita, L/Staff
Meets with 0007, 0015, 0023, 0039, 0077, 0085, 0093, 0101, 0109. Variable credit course. Register for the number of credits desired.

ABE 043**ABE MATH SKILLS FOR COLLEGE AND CAREER 4**

This course is clustered in the ABE Math Foundations class. Students in this course will have demonstrated competency with whole numbers, decimals, and fractions. Students will learn about ratios, proportions, and percents with an emphasis on word problems. Prerequisite: Appropriate placement according to the Shoreline Community College ABE competency assessments. Mandatory P/NC grading.

Item 0033 SecE1 10 Credits 8:30am-10:20am
MTWTh Rm1713 Sleight, S
Wisman, L
Meets with 0009, 0017, 0025, 0043, 0051, 0079, 0087, 0095, 0103, 0113, 0123. Variable credit course. Register for the number of credits desired.

Item 3028 SecE3 5 Credits ARR
Staff
Meets with 3034, 3032, 3030, 0047, 0053, 0063, 3023, 3016, 3015, 3014, 0117, 0125, 3012, 0041, 3013. Register for the number of credits desired.

Evening Class

Item 0035 SecE2 10 Credits 6:00pm-8:20pm
MTWTh Rm1713 Ta, C/Staff
Meets with 0011, 0019, 0027, 0045, 0055, 0059, 0081, 0089, 0097, 0105, 0115, 0121, 0129. Variable credit course. Register for the number of credits desired.

ABE 052**READING AND WRITING 5**

Students will prepare for GED tests, earn High School 21+ credit, and/or transition to college by demonstrating understanding of texts and analyzing and evaluating arguments. Students will follow a writing process and cite evidence to support arguments. Prerequisite: Appropriate placement according to the Shoreline ABE placement tests. Mandatory P/NC grading.

Item 0037 SecE1 10 Credits 10:30am-12:20pm
MTWTh Rm1713 Dusenberry
Meets with 0029, 0099, 0107, 0767, 1937. Variable credit course. Register for the number of credits desired.

Item 0041 SecE3 5 Credits ARR
Staff
Meets with 3034, 3032, 3030, 3028, 0047, 0053, 0063, 3023, 3016, 3015, 3014, 0117, 0125, 3012, 3013. This is a variable credit course. Register for the number of credits desired.

Evening Class

Item 0039	SecE2	10 Credits	6:00pm-8:20pm
MTWTh		Rm1701	Fujita, L/Staff
<i>Meets with 0007, 0015, 0023, 0031, 0077, 0085, 0093, 0101, 0109. Variable credit course. Register for the number of credits desired.</i>			

ABE 053**ABE MATH SKILLS FOR COLLEGE AND CAREER 5**

This course is clustered in the ABE Math Foundations class and the ABE Math Transitions class. Students will have demonstrated competency with whole numbers, decimals, fractions, and proportions. Students will learn about integers, variables, and simplifying expressions. Prerequisite: Appropriate placement according to Shoreline Community College ABE competency assessments. Mandatory P/NC grading.

Item 0043	SecE1	10 Credits	8:30am-10:20am
MTWTh		Rm1713	Sleight, S/ Wisman, L

Meets with 0009, 0017, 0025, 0033, 0051, 0079, 0087, 0095, 0103, 0113, 0123. Variable credit course. Register for the number of credits desired.

Item 0049	SecY1	10 Credits	8:30am-10:20am
MTWTh	HYBRID	Rm1701	Johnston, R
<i>Meets with 0057, 0061, 0111, 0119, 0127. Variable credit course. Register for the number of credits desired.</i>			

Item 0047	SecE2	5 Credits	ARR Staff
<i>Meets with 3034, 3032, 3030, 3028, 0053, 0063, 3023, 3016, 3015, 3014, 0117, 0125, 3012, 0041, 3013. Variable credit course. Register for the number of credits desired.</i>			

Evening Class

Item 0045	SecE3	10 Credits	6:00pm-8:20pm
MTWTh		Rm1713	Ta, C/Staff
<i>Meets with 0011, 0019, 0027, 0035, 0055, 0059, 0081, 0089, 0097, 0105, 0115, 0121, 0129. Variable credit course. Register for the number of credits desired.</i>			

ABE 063**ABE MATH SKILLS FOR COLLEGE AND CAREER 6**

This course is clustered in the ABE MATH Transitions class. Students in this course will have demonstrated competency with pre-algebra skills. Students will learn to solve equations and inequalities with an emphasis on word problems. Prerequisite: Appropriate placement according to Shoreline Community College ABE competency assessments. Mandatory P/NC grading.

Item 0051	SecE1	10 Credits	8:30am-10:20am
MTWTh		Rm1713	Sleight, S/ Wisman, L
<i>Meets with 0009, 0017, 0025, 0033, 0043, 0079, 0087, 0095, 0103, 0113, 0123. Variable credit course. Register for the number of credits desired.</i>			

Item 0057	SecY2	10 Credits	8:30am-10:20am
MTWTh	Hybrid	Rm1701	Johnston, R
<i>Meets with 0049, 0061, 0111, 0119, 0127. Variable credit course. Register for the number of credits desired.</i>			

Item 0053	SecE2	5 Credits	ARR Staff
<i>Meets with 3034, 3032, 3030, 3028, 0047, 0063, 3023, 3016, 3015, 3014, 0117, 0125, 3012, 0041, 3013. Variable credit course. Register for the number of credits desired.</i>			

Evening Class

Item 0055	SecE4	10 Credits	6:00pm-8:20pm
MTWTh		Rm1713	Ta, C/Staff
<i>Meets with 0011, 0019, 0027, 0035, 0045, 0059, 0081, 0089, 0097, 0105, 0115, 0121, 0129. Variable credit course. Register for the number of credits desired.</i>			

ABE 073**ABE MATH SKILLS FOR COLLEGE AND CAREER 7**

This course is clustered in the ABE Math Transitions class. Students in this course will have demonstrated competency with pre-algebra skills. Students will learn to solve graph linear equations, solve systems of equations, and interpret functions. Prerequisite: Appropriate placement according to Shoreline Community College ABE competency assessments. Mandatory P/NC grading.

Item 0061	SecE1	10 Credits	8:30am-10:20am
MTWTh		Rm1701	Johnston, R
<i>Meets with 0049, 0057, 0111, 0119, 0127. This is a variable credit course. Register for the number of credits desired.</i>			

Item 0063	SecE2	5 Credits	ARR Staff
<i>Meets with 3034, 3032, 3030, 3028, 0047, 0053, 3023, 3016, 3015, 3014, 0117, 0125, 3012, 0041, 3013. Register for the number of credits desired.</i>			

Evening Class

Item 0059	SecE3	10 Credits	6:00pm-8:20pm
MTWTh		Rm1713	Ta, C/Staff
<i>Meets with 0011, 0019, 0027, 0035, 0045, 0055, 0081, 0089, 0097, 0105, 0115, 0121, 0129. This is a variable credit course. Register for the number of credits desired.</i>			

ABE 082**SPECIAL TOPICS IN ADULT BASIC EDUCATION**

Classes focus on specific issues and/or topics of interest in ABE.

Item 0065	Sec01	2 Credits	2:00pm-2:50pm
WTh		Rm2205	Winters, A/ Moran-Martin
<i>Variable credit course. Register for the number of credits desired.</i>			

Item 0067	Sec551	2 Credits	2:00pm-2:50pm
WTh		Rm2205	Winters, A
<i>Variable credit course. Register for the number of credits desired.</i>			

ABE 084**SPECIAL TOPICS IN ADULT BASIC EDUCATION**

Classes focus on specific issues and/or topics of interest in ABE.

Item 0069	Sec551	4 Credits	1:45pm-3:30pm
TTh		Rm2911	Lemkin, S
<i>Variable credit course. Register for the number of credits desired.</i>			

AMERICAN ETHNIC STUDIES**AES 106****MUSIC IN AMERICAN CULTURE**

Explore musical traditions from diverse American cultures through guided listening and analysis of songs, styles, genres and musicians, with emphasis on the role of race, class, gender and sexual-orientation. Dual listed as MUSC 106. Prerequisite: Successful completion of ENGL 099 or EAP 099 or placement into ENGL& 101. Student option grading.

Item 0155	SecY1	5 Credits	10:30am-11:20am
MTWTh	HYBRID	Rm1814	Solam, J
<i>*Additional fees: \$7.00/credit.</i>			

AES 215**FROM RHYMES TO REASON: THE CULTURE OF HIP HOP**

This course examines the culture of hip hop from its South Bronx (NYC) beginnings in the early 1970's to its globalization. Students explore the musical, visual, spoken word and literary elements of hip hop. Topics include the role of race, class, gender, politics, appropriation and commodification. Student option grading.

Item 0157	SecN1	5 Credits	ARR
ONLINE			Solam, J
<i>*Additional fees: \$7.50/credit.</i>			

AMERICAN SIGN LANGUAGE

ASL& 122

AMERICAN SIGN LANGUAGE II

Continuation of ASL& 121 with increased development of communication strategies with emphasis on expanding vocabulary and grammatical understanding. Functional applications of the language and appreciation for the deaf culture and community. Prerequisite: Completion of ASL& 121 or equivalent with a grade of 2.0 or better. Student option grading.

Item 3003	SecY1	5 Credits	11:30am-12:20pm
TTh	HYBRID	Rm2904	Anicello, J

*Additional fees: \$7.00/credit.

ASL& 123

AMERICAN SIGN LANGUAGE III

Use of ASL& 121 and 122 skills for ASL storytelling and expand linguistic-grammatical features into longer monologues with use of descriptive-locative classifiers. Continue exposure of deaf history, culture, community and ASL. Prerequisite: Completion of ASL& 122 or equivalent with a grade of 2.0 or better. Student option grading.

Item 0261	SecY1	5 Credits	12:30pm-2:20pm
TTh	HYBRID	Rm2904	Anicello, J

*Additional fees: \$7.00/credit.

ANTHROPOLOGY

ANTH& 100

SURVEY OF ANTHROPOLOGY

An introduction to the four subfields of anthropology (archaeology, biological anthropology, linguistic anthropology and sociocultural anthropology) with an emphasis on biological and cultural diversity in past and contemporary societies. Mandatory decimal grading.

Item 0163	SecY1	5 Credits	10:30am-11:20am
MW	Hybrid	Rm1813	Forster, A

*Additional fees: \$7.00/credit.

ANTH 130

WORLD CULTURES

Exploration of cultural traditions of the world through the concepts of worldview and cultural relativism. Focus on what people think, do, and make in various cultures to examine practices and systems in a comparative framework. Mandatory decimal grading.

Item 0159	SecY1	5 Credits	11:30am-12:30pm
TTh	Hybrid	Rm1504	Barclay, S

*Additional fees: \$7.00/credit.

ANTH& 205

BIOLOGICAL ANTHROPOLOGY

The evolutionary biology of human beings is explored by examining the tenets of evolutionary theory, genetics, primate anatomy and behavior, the fossil record, and the range of biological diversity within and between contemporary human populations. Mandatory decimal grading.

Item 0165	SecY1	5 Credits	12:30pm-1:20pm
TTh	HYBRID	Rm1402	Barclay, S

*Additional fees: \$7.00/credit.

ANTH& 206

CULTURAL ANTHROPOLOGY

Exploration of human cultural and social diversity in the U.S. and globally through cross-cultural comparisons of topics such as identity, kinship, power, economics, health, religion, art, food, and language. Mandatory decimal grading.

Item 0167	SecN1	5 Credits	ARR
ONLINE			Forster, A

*Additional fees: \$7.50/credit.

ANTH 215

INTRO TO MEDICAL ANTHROPOLOGY AND GLOBAL HEALTH

Examination of health, culture, and medicine in the U.S. and globally. Exploration of cross-cultural and biomedical perspectives of the human body, illness, birth, death, suffering, and healing. Emphasizes interrelationships of biological, political, economic, and social factors on health and well-being. Prerequisite: ENGL& 101 preferred. Mandatory decimal grading.

Item 0161	SecN1	5 Credits	ARR
ONLINE			Forster, A

*Additional fees: \$7.50/credit.

ART

ART& 100

ART APPRECIATION: THE WORLD OF ART

Students learn to analyze diverse forms of art from world cultures. Students explore the creative process, visual elements of art, and cultural/political contexts in which art is made. Course may include themes such as birth/death, public vs. private art, the human form, etc. This course is for non-majors. Prerequisite: ENGL 099 or equivalent. Mandatory decimal grading.

Item 0255	SecN1	5 Credits	ARR
ONLINE			Allison, M

ART 109

TWO-DIMENSIONAL DESIGN

This is an introductory course in two-dimensional design. Students explore basic elements, principles and processes of two-dimensional design. Design fundamentals are investigated and explored through lecture/demonstration, hands-on projects and class critiques/discussion. Student option grading.

Item 0169	SecE1	5 Credits	9:30am-12:10pm
MW		Rm2006	Allison, M

*Additional fees: \$21.00 plus \$1.00/credit.

ART 110

THREE-DIMENSIONAL DESIGN

This is an introductory course in three-dimensional design. Students explore basic elements and principles through demonstrations and hands-on studio work. Projects emphasize problem-solving, concept development and creativity in the transformation of two-dimensional concepts into three-dimensional objects. Recommended: ART 109. Student option grading.

Item 0171	SecE1	5 Credits	3:30pm-5:50pm
MW		Rm2066	Putney, C

Meets with 0229. *Additional fees: \$28.50 plus \$1.00/credit.

ART 121

CERAMIC ART 1

This is an introductory course in the creation and appreciation of the ceramic vessel. Students learn basic hand-building, wheel-throwing and glazing processes as a foundation for further creative development. This is the first course in a three-course sequence. Student option grading.

Item 0173	SecE1	5 Credits	12:30pm-3:10pm
MW		Rm2065	Georger, G

Meets with 0173, 0177, 0181. *Additional fees: \$45.20 plus \$1.00/credit.

Evening Class

Item 0175	SecE2	5 Credits	6:00pm-8:40pm
MW		Rm2065	Scott, S

Meets with 0175, 0179, 0183. *Additional fees: \$45.20 plus \$1.00/credit.

ART 122

CERAMIC ART 2

Students build upon skills learned in Ceramic Art 1 and continue their exploration of the processes, techniques and aesthetics of the ceramic vessel. The focus in the second quarter is on development of artistic direction, interests and point of view. Prerequisite: ART 121 or equivalent with instructor permission. Student option grading.

Item 0177	SecE1	5 Credits	12:30pm-3:10pm
MW		Rm2065	Georger, G

Meets with 0173, 0177, 0181. *Additional fees: \$45.20 plus \$1.00/credit.

Evening Class

Item 0179	SecE2	5 Credits	6:00pm-8:40pm
MW		Rm2065	Scott, S
<i>Meets with 0175, 0179, 0183. *Additional fees: \$45.20 plus \$1.00/credit.</i>			

ART 123**CERAMIC ART 3**

Students further develop skills learned in Ceramic Art 1 and 2 and continue their exploration of the processes, techniques and aesthetics of the ceramic vessel. The focus in the third quarter is on continued development of artistic direction, interests and point of view. Prerequisite: ART 122 or equivalent with instructor permission. Student option grading.

Item 0181	SecE1	5 Credits	12:30pm-3:10pm
MW		Rm2065	Georger, G
<i>Meets with 0173, 0177, 0181. *Additional fees: \$45.20 plus \$1.00/credit.</i>			

Evening Class

Item 0183	SecE2	5 Credits	6:00pm-8:40pm
MW		Rm2065	Scott, S
<i>Meets with 0175, 0179, 0183. *Additional fees: \$45.20 plus \$1.00/credit.</i>			

ART 131**DRAWING 1**

This is an introductory course in drawing from observation. Students use a variety of media, including graphite, charcoal and ink, to draw from the still-life and the figure. Basic principles of composition are stressed. This is the first course in a three quarter sequence. No academic experience is required. Student option grading.

Item 0185	SecE1	5 Credits	9:30am-12:10pm
TTh		Rm2068	Allison, M
<i>Meets with 0185, 0193, 0201. *Additional fees: \$21.00 plus \$1.00/credit.</i>			

Item 0187	SecE2	5 Credits	9:30am-12:10pm
MW		Rm2068	Georger, G
<i>Meets with 0187, 0195, 0203. *Additional fees: \$21.00 plus \$1.00/credit.</i>			

Item 0189	SecE3	5 Credits	12:30pm-3:10pm
MW		Rm2068	Mazur, Z
<i>Meets with 0189, 0197, 0205. *Additional fees: \$21.00 plus \$1.00/credit.</i>			

Evening Class

Item 0191	SecE4	5 Credits	6:00pm-8:40pm
TTh		Rm2068	Enevoldsen
<i>Meets with 0191, 0199, 0207. *Additional fees: \$21.00 plus \$1.00/credit.</i>			

ART 132**DRAWING 2**

Students continue to work from the still life and the figure in class to build upon drawing skills and understandings acquired in Drawing 1. Additional projects emphasize individual exploration and problem-solving in the development of artistic direction, interests and point of view. Prerequisite: ART 131 or equivalent with instructor permission. Student option grading.

Item 0193	SecE1	5 Credits	9:30am-12:10pm
TTh		Rm2068	Allison, M
<i>Meets with 0185, 0193, 0201. *Additional fees: \$21.00 plus \$1.00/credit.</i>			

Item 0195	SecE2	5 Credits	9:30am-12:10pm
MW		Rm2068	Georger, G
<i>Meets with 0187, 0195, 0203. *Additional fees: \$21.00 plus \$1.00/credit.</i>			

Item 0197	SecE3	5 Credits	12:30pm-3:10pm
MW		Rm2068	Mazur, Z
<i>Meets with 0189, 0197, 0205. *Additional fees: \$21.00 plus \$1.00/credit.</i>			

Evening Class

Item 0199	SecE4	5 Credits	6:00pm-8:40pm
TTh		Rm2068	Enevoldsen
<i>Meets with 0191, 0199, 0207. *Additional fees: \$21.00 plus \$1.00/credit.</i>			

ART 133**DRAWING 3**

Students continue to work from the still life and the figure in class to further develop drawing skills acquired in Drawing 1 and 2. Additional projects emphasize further individual exploration and problem-solving. Prerequisite: ART 132 or equivalent with instructor permission. Student option grading.

Item 0201	SecE1	5 Credits	9:30am-12:10pm
TTh		Rm2068	Allison, M
<i>Meets with 0185, 0193, 0201. *Additional fees: \$21.00 plus \$1.00/credit.</i>			

Item 0203	SecE2	5 Credits	9:30am-12:10pm
MW		Rm2068	Georger, G
<i>Meets with 0187, 0195, 0203. *Additional fees: \$21.00 plus \$1.00/credit.</i>			

Item 0205	SecE3	5 Credits	12:30pm-3:10pm
MW		Rm2068	Mazur, Z
<i>Meets with 0189, 0197, 0205. *Additional fees: \$21.00 plus \$1.00/credit.</i>			

Evening Class

Item 0207	SecE4	5 Credits	6:00pm-8:40pm
TTh		Rm2068	Enevoldsen
<i>Meets with 0191, 0199, 0207. *Additional fees: \$21.00 plus \$1.00/credit.</i>			

ART 134**DRAWING FOR ANIMATION**

Students focus on drawing in sequence to create two-dimensional animations. They explore full animation techniques, character animation and storyboard development. Animation drawing formats include zoetrope strips, flip books and paper cels. Prerequisites: ART 131 or instructor permission by portfolio review. Student option grading.

Item 0209	SecY1	5 Credits	10:00am-2:45pm
F	Hybrid	Rm2006	White, T
<i>*Additional fees: \$37.70 plus \$7.00/credit.</i>			

ART 144**BEGINNING PHOTOGRAPHY**

Introduction to photographic image creation and expression through traditional film and digital mediums. Composition, aesthetics, history, lighting, darkroom techniques and image editing tools for traditional film and digital mediums will be covered. Limited cameras available for short-term check out. Student option grading.

Item 0211	SecE1	5 Credits	9:30am-12:10pm
TTh		Rm2026	Mazur, Z
<i>*Additional fees: \$45.20 plus \$1.00/credit.</i>			

Item 0213	SecE2	5 Credits	12:30pm-3:10pm
TTh		Rm2026	Greathouse
<i>*Additional fees: \$45.20 plus \$1.00/credit.</i>			

ART 145**INTERMEDIATE PHOTOGRAPHY**

Students continue to work in both traditional film and digital mediums to build upon photographic skills and techniques acquired in Beginning Photography. The course emphasizes conceptual development, artistic direction, and personal expression in photography as an art form. Cameras available for short-term checkout. Prerequisite: ART 144 with a 2.0/Pass or better, or instructor permission. Student option grading.

Item 0215	SecE1	4 Credits	9:30am-11:45am
MW		Rm2026	Mazur, Z
<i>Meets with 0217. *Additional fees: \$45.20 plus \$1.00/credit.</i>			

ART 146**ADVANCED PHOTOGRAPHY**

Students continue to work in both traditional film and digital mediums to build upon photographic skills and techniques acquired in Intermediate and Beginning Photo. The course emphasizes further conceptual development, artistic direction, personal expression in photography as an art form. Limited cameras available for check-out. Prerequisite: ART 144 and ART 145, each with a 2.0/Pass or better, or instructor permission. Student option grading.

Item 0217	SecE1	4 Credits	9:30am-11:45am
MW		Rm2026	Mazur, Z
<i>Meets with 0215. *Additional fees: \$45.20 plus \$1.00/credit.</i>			

ART 246**DOCUMENTARY PHOTOGRAPHY**

This course presents theory and the philosophy of the photograph to interpret, comment on or record the events of humanity. Visual language of sequencing and structure are explored in digital and film. Limited cameras available for check-out. Prerequisite: ART 144, 145, or instructor permission. Student option grading.

Item 0219	SecE1	4 Credits	12:30pm-2:45pm
MW		Rm2026	Greathouse

*Additional fees: \$45.20 plus \$1.00/credit.

ART 251**PAINTING 1**

This is an introductory course emphasizing color and composition in paint media (watercolor and acrylic or oil). No previous experience is required. This is the first course in a three-quarter series. Student option grading.

Item 0221	SecE1	5 Credits	12:30pm-3:10pm
TTh		Rm2069	Enevoldsen

Meets with 0221, 0223, 0225. *Additional fees: \$21.00 plus \$1.00/credit.

ART 252**PAINTING 2**

Students build upon skills learned in Painting 1, with emphasis on color, composition, and a deeper exploration of one paint media: acrylic, watercolor, or oil. The focus in the second quarter level is on developing students' artistic direction, interests, and point of view. Prerequisite: ART 251 or instructor permission. Student option grading.

Item 0223	SecE1	5 Credits	12:30pm-3:10pm
TTh		Rm2069	Enevoldsen

Meets with 0191, 0199, 0207. *Additional fees: \$21.00 plus \$1.00/credit.

ART 253**PAINTING 3**

Students further develop skills learned in Painting 2, with emphasis on color and composition, and a deeper exploration of one paint medium: acrylic, watercolor, or oil. The focus in the third quarter level is on further development of artistic direction, interests, and point of view. Prerequisite: ART 252 or instructor permission. Student option grading.

Item 0225	SecE1	5 Credits	12:30pm-3:10pm
TTh		Rm2069	Enevoldsen

Meets with 0191, 0199, 0207. *Additional fees: \$21.00.

ART 255**DESIGN & MATERIALS: GLASS/METAL/PLASTIC**

This is an introductory course in exploration of glass, metal or plastics as mediums for creative problem-solving and expression in three-dimensional design and sculpture. Students investigate and explore these materials through demonstrations and hands-on studio work. Student option grading.

Item 3051	SecE1	5 Credits	3:30pm-5:50pm
MW		Rm2066	Putney, C

Meets with 0171. *Additional fees: \$28.50 plus \$1.00/credit.

ART 261**PRINTMAKING I**

Survey of fine art printmaking including relief, planographic and intaglio printmaking with a focus on design, drawing, techniques and materials used in printmaking. Instruction through lectures, demonstrations, critiques and research. Students create prints in each media. Student option grading.

Evening Class

Item 0241	SecE1	5 Credits	6:00pm-8:40pm
MW		Rm2066	Putney, C

Meets with 0245. *Additional fees: \$37.70 plus \$1.00/credit.

ART 262**PRINTMAKING 2**

Students build upon skills learned in Printmaking 1 with emphasis on further exploration in one or more media and the development of artistic direction, interests and point of view. Prerequisite: ART 261 or instructor permission. Student option grading.

Item 0245	SecE1	5 Credits	ARR
			Putney, C

Meets with 0241. *Additional fees: \$37.70 plus \$1.00/credit.

ART 271**SCULPTURE I**

This is an introductory course in the creation and appreciation of sculpture. Students explore basic sculptural processes, materials and tools as a foundation for creative problem-solving and sculptural expression. Typical materials include clay, plaster and wood. First in a three-course sequence. Student option grading.

Item 0247	SecE1	5 Credits	12:30pm-3:10pm
TTh		Rm2066	Putney, C

Meets with 0247, 0249, 0251. *Additional fees: \$28.50 plus \$1.00/credit.

ART 272**SCULPTURE 2**

Students build upon skills learned in Sculpture 1 and continue their exploration of sculptural processes, materials and tools. The focus in the second quarter level is on developing students' artistic direction, interests and point of view. Prerequisite: ART 271 or instructor permission. Student option grading.

Item 0249	SecE1	5 Credits	12:30pm-3:10pm
TTh		Rm2066	Putney, C

Meets with 0247, 0249, 0251. *Additional fees: \$28.50 plus \$1.00/credit.

ART 273**SCULPTURE 3**

Students further develop skills learned in Sculpture 1 and 2 and continue their exploration of sculptural processes, materials and tools. The focus in the third quarter level is on continued development of artistic direction, interests and point of view. Prerequisite: ART 272 or instructor permission. Student option grading.

Item 0251	SecE1	5 Credits	12:30pm-3:10pm
TTh		Rm2066	Putney, C

Meets with 0247, 0249, 0251. *Additional fees: \$28.50 plus \$1.00/credit.

ART 290**AFA PORTFOLIO**

Students review and assess their artwork and artistic development to create and present a portfolio. Students will learn professional gallery and museum practices. The class is required for the AFA degree and is open to students preparing to transfer to art programs and/or further artistic and professional development. Prerequisite: For AFA degree seekers, all required core and concentration art courses in AFA degree or equivalent; up to 5 credits of these required courses can be taken concurrently with ART 290. Student option grading.

Item 0253	SecE1	5 Credits	3:30pm-5:50pm
TTh		Rm2059	Mazur, Z/Greathouse

*Additional fees: \$37.70 plus \$1.00/credit.

ART HISTORY**ARTH 225****SURVEY OF ART: RENAISSANCE - 19TH CT**

Students study Western art and architecture from the Renaissance to the 19th century. Major artists and works of art are introduced. This course addresses how art forms have been influenced by significant events, technological discoveries and non-western cultures. Student option grading.

Item 0257	SecN1	5 Credits	ARR
	ONLINE		Staff

*Additional fees: \$7.00/credit.

ASTRONOMY

ASTR& 101

INTRODUCTION TO ASTRONOMY

A one-quarter survey course in astronomy, intended for non-science majors. Studies such topics as: the solar system, stellar evolution, galaxies and cosmology. Prerequisites: MATH 099. Student option grading.

Item 0263	SecN1	5 Credits	ARR
ONLINE			Khandro, L

*Additional fees: \$15.00 plus \$7.50/credit.

AUTOMOTIVE TECHNOLOGY

AUTOT 121

GENERAL SERVICE TECHNICIAN I

For entry-level automotive students. Course provides introduction to fundamentals, maintenance and inspection of the following automotive systems: Engine Design & Performance, Lubrication & Cooling, Electrical, and Air Conditioning. Integrates basic education skills, career exploration, and employability skills development (IBEST). Prerequisite: Instructor Permission. Mandatory decimal grading.

Item 0265	SecE1	18 Credits	7:30am-2:20pm
MTWTh		Rm2106	Hankins, M/ Wisman, L

*Additional fees: \$100.00 plus \$1.00/credit.

Item 0267	SecIB1	18 Credits	7:30am-2:20pm
MTWTh		Rm2106	Hankins, M/ Wisman, L

*Additional fees: \$100.00 plus \$1.00/credit.

AUTOT 123

AUTOMOTIVE SERVICE TECHNICIAN I

This course is part of the AST A.A.A.S. Degree Program. It will provide diagnostic and repair experience in the following automotive systems: Brakes; Steering and Suspension; Electrical Systems; Heating and Air Conditioning. Prerequisite: AUTOT 121, AUTOT 122 and AUTOT 190 each with a minimum grade of 2.0. Mandatory decimal grading.

Item 0269	SecE1	17 Credits	7:30am-2:20pm
MTWTh		Rm2108	Avery, A

*Additional fees: \$100.00 plus \$1.00/credit.

AUTOT 141

TESLA START I

Tesla START (lecture/lab experience) prepares students to participate in Tesla's mission to accelerate the world's transition to sustainable energy as electric vehicle service technicians. Students will be trained to provide a revolutionary service experience by learning to assist owners with their vehicle service needs. Prerequisite: Instructor permission - This course is open only to students who have been accepted into the Tesla START program. Co-enrollment in AUTOT 142. Student option grading.

Item 0271	SecE1	7.5 Credits	7:30am-10:45am
MTW		Rm2917	Thompson, L

*Additional fees: \$75.00 plus \$1.00/credit.

AUTOT 142

TESLA START II

Tesla START (field-based experience) prepares students to participate in Tesla's mission to accelerate the world's transition to sustainable energy as Tesla vehicle service technicians. Students will be trained to provide a revolutionary service experience by learning to assist owners with their vehicle service needs. Prerequisite: Instructor permission - This course is open only to students who have been accepted into the Tesla START program. Co-enrollment in AUTOT 141. Mandatory P/NC grading.

Item 0273	SecE1	10 Credits	7:30am-8:20am
Th		Rm2917	Thompson, L

*Additional fees: \$75.00 plus \$1.00/credit.

AUTOT 170C

FUNDAMENTALS OF FCA AUTO SERVICE TRAINING

This course introduces students to the automotive repair industry. Includes new model product information, customer satisfaction index (CSI), safety, proper tool usage, basic servicing, shop practices, and vehicle inspection. Minimum 2.0 required. Prerequisite: Instructor permission required. Mandatory decimal grading.

Item 0275	SecY1	3 Credits	7:00am-8:10am
MTW	Hybrid	Rm2111	Allred, R

*Additional fees: \$75.00 plus \$7.00/credit. Instructor permission required.

AUTOT 171H

HONDA ENGINE REPAIR

The components, design, construction and operation of the internal combustion engine/powerplant will be studied. Engine removal, disassembly, inspection, measurement, repair, and reassembly are covered. Engine diagnostics and testing are performed. Minimum 2.0 required to earn course credit. Prerequisite: Instructor permission required. Mandatory decimal grading.

Item 0277	SecY1	8 Credits	7:00am-10:50am
MTW	HYBRID	Rm2107	Biesiedzinsk

This section relates to Honda vehicles and the PACT program. Instructor permission required. *Additional fees: \$75.00 plus \$7.00/credit.

AUTOT 175H

HONDA ENGINE MANAGEMENT AND EMISSIONS SYSTEMS

Theory, diagnostic testing and repair of ignition, fuel injection, air induction, sensors, actuators, on-board diagnostics, and emission systems. Students learn to use electronic analyzers and diagnostic scanners. Minimum 2.0 required. Prerequisite: Instructor permission required. Mandatory decimal grading.

Item 0281	SecY1	8 Credits	11:30am-3:20pm
MTW	HYBRID	Rm2107	Biesiedzinsk

Instructor permission required. This section relates to Honda vehicles and the PACT program. *Additional fees: \$75.00 plus \$7.00/credit.

AUTOT 176C

M-CAP ELECTRICAL SYSTEMS

The class covers theory, diagnosis, testing, repairing or replacing automotive electrical systems. Multiplexed and microprocessor-controlled systems included. Emphasis on reading wiring diagrams and using electrical measuring devices and scan tools. Minimum 2.0 required. Prerequisite: Instructor permission required. Mandatory decimal grading.

Item 0283	SecY1	9 Credits	12:40pm-3:20pm
MTW	HYBRID	Rm2111	Allred, R

Instructor permission required. This section relates to Chrysler vehicles and CAP program. *Additional fees: \$75.00 plus \$1.00/credit.

AUTOT 176G

GM ELECTRICAL SYSTEMS

Theory, diagnosis, testing, repairing or replacing automotive electrical system components. Multiplexed and microprocessor-controlled systems included. Emphasis on reading wiring diagrams and using electrical measuring devices and scan tools. Prerequisite: Instructor permission required. Minimum 2.0 required to earn course credit. Mandatory decimal grading.

Item 0285	SecY1	12 Credits	7:00am-10:50am
MTW	HYBRID	Rm2115	Main, S

Instructor permission required. This section relates to General Motors vehicles and the ASEP program. *Additional fees: \$75.00 plus \$1.00/credit.

AUTOT 178C**M-CAP HEATING AND AIR CONDITIONING**

The class covers theory, operation, diagnosis, and service practices of automotive heating, ventilation and air conditioning systems. Identification, recover, recycling, and recharging of R134A systems. Heating, ventilation, air conditioning (HVAC) controls and diagnosis. Use/application of diagnostic equipment. Minimum 2.0 grade required. Prerequisite: Instructor permission required. Mandatory decimal grading.

Item 0287	SecY1	6 Credits	8:20am-12:00pm
MTW	Hybrid	Rm2111	Allred, R

*Instructor permission required. This section relates to Chrysler vehicles and CAP program. *Additional fees: \$75.00 plus \$7.00/credit.*

AUTOT 178G**GM HEATING AND AIR CONDITIONING**

Theory, operation, diagnosis, and service practices of automotive heating, ventilation and air conditioning systems. Identification, recovery, recycling, and recharging of R134A systems. Heating, ventilation, air conditioning (HVAC) controls and diagnosis. Use/application of diagnostic equipment. Prerequisite: Instructor permission required. Minimum 2.0 required to earn course credit. Mandatory decimal grading.

Item 3040	SecY1	6 Credits	11:30am-3:20pm
MTW	Hybrid	Rm2115	Main, S

*Instructor permission required. This section relates to General Motors vehicles and the ASEP program. *Additional fees: \$75.00 plus \$7.00/credit.*

AUTOT 181T**ENGINE REPAIR**

Engine Mechanical system components, design, construction, and operation of the internal combustion engine. Includes engine removal, disassembly, inspection, measurement, repair and reassembly. Engine diagnostics and testing are performed. Prerequisite: AUTOT 186T with a 2.0 or higher. Mandatory decimal grading.

Item 0289	SecE1	7 Credits	7:00am-3:30pm
MTWTh		Rm2105	Cromwell, J

*This section relates to Toyota vehicles and the T-Ten program. *Additional fees: \$75.00 plus \$1.00/credit.*

AUTOT 185T**ENGINE CONTROL SYSTEMS**

Engine control systems theory, design, inspection, testing, diagnosis, and repair. Systems include ignition, fuel injection, air induction, engine control sensors, and engine control actuators. Emphasis is on using the correct diagnostic tools and procedures. Prerequisite: AUTOT 186T with a 2.0 or higher. Mandatory decimal grading.

Item 0291	SecE1	12 Credits	7:00am-3:30pm
MTWTh		Rm2105	Cromwell, J

**Additional fees: \$75.00 plus \$1.00/credit.*

AUTOT 190**GENERAL SERVICE TECHNICIAN INTERNSHIP**

Student will interview with employers to obtain an internship or employment experience at an automotive (or related industry) business. Skills learned in the General Service Technician program will be applied and evaluated at the job site. Prerequisite: Instructor permission, AUTOT 121 and AUTOT 122, basic automotive tool set. Mandatory decimal grading.

Item 0289	SecE1	9 Credits	ARR
			Hankins, M

**Additional fees: \$1.00/credit.*

AUTOT 192**AUTOMOTIVE SERVICE TECHNICIAN INTERNSHIP 2**

Cooperative internship requires employment in an automotive business where students will practice skills learned in AUTOT 124; including on-site visits with student for performance evaluations 2-3 times per quarter. Prerequisite: AUTOT 124 completed with a 2.0 or higher. Mandatory decimal grading.

Item 0295	SecE1	8 Credits	ARR
ONLINE			Avery, A

**Additional fees: \$1.00/credit.*

AUTOT 272G**APPLIED LEARNING GM BREAK SYSTEMS**

This course reinforces the GM Brakes System theories and practical application learned in the GM ASEP Program. Demonstrate competency in applied learning activities. A minimum 2.0 is required to earn course credit. Prerequisite: Instructor permission. Completion of AUTOT 172G with a 2.0 or higher. Employment in a sponsoring General Motors dealership or AC Delco approved repair facility required. Mandatory decimal grading.

Item 0297	SecN1	6 Credits	ARR
ONLINE			Main, S

*Instructor permission required. This section relates to General Motors vehicles and the ASEP program. *Additional fees: \$7.50/credit.*

AUTOT 272H**APPLIED LEARNING BRAKE SYSTEMS**

This course reinforces the Honda Brakes System theories and practical application learned in the Honda PACT Program. Students will demonstrate competency in applied learning activities. A minimum 2.0 grade is required to earn course credit. Prerequisite: Instructor permission required. Employment by a Honda/Acura dealership is required. Mandatory decimal grading.

Item 3041	SecN1	6 Credits	ARR
ONLINE			Biesiedzinsk

*Instructor permission required. *Additional fees: \$7.50/credit.*

AUTOT 273G**APPLIED LEARNING STEERING & SUSPENSION SYSTEMS**

This course reinforces the GM Steering & Suspension theories and practical application learned in the GM ASEP Program. Demonstrate competency in applied learning activities. A minimum 2.0 grade is required to earn course credit. Prerequisite: Instructor permission. Completion of AUTOT 173G with a 2.0 or higher. Employment in a sponsoring General Motors dealership or AC Delco approved repair facility required. Mandatory decimal grading.

Item 0299	SecN1	6 Credits	ARR
ONLINE			Main, S

*Instructor permission required. This section relates to General Motors vehicles and the ASEP program. *Additional fees: \$7.50/credit.*

AUTOT 273H**APPLIED LEARNING STEERING & SUSPENSION SYSTEMS**

This course reinforces the Honda Steering & Suspension theories and practical application learned in the Honda PACT Program. Students will demonstrate competency in applied learning activities. A minimum 2.0 grade is required to earn course credit. Prerequisite: Instructor permission required. Employment by a Honda/Acura dealership is required. Mandatory decimal grading.

Item 3042	SecN1	6 Credits	ARR
ONLINE			Biesiedzinsk

*Instructor permission required. *Additional fees: \$7.50/credit.*

AUTOT 276C**APPLIED LEARNING ELECTRICAL SYSTEMS**

This course reinforces the MOPAR Electrical Systems theories and practical application learned in the MOPAR CAP Program. Minimum 2.0 required. Prerequisite: Instructor permission required. Employment by a FCA Dodge, Chrysler, Jeep, Ram dealership is required. Mandatory decimal grading.

Item 0301	SecN2	6 Credits	ARR
ONLINE			Allred, R

*Instructor permission required. *Additional fees: \$7.50/credit.*

AUTOT 278C**APPLIED LEARNING HEATING AND AIR CONDITIONING**

This course reinforces the MOPAR Heating and Air Conditioning System theories and practical application learned in the MOPAR CAP Program. Minimum 2.0 required. Prerequisite: Instructor permission required. Employment by a FCA Dodge, Chrysler, Jeep, Ram dealership is required. Mandatory decimal grading.

Item 0305	SecN1	6 Credits	ARR
ONLINE			Allred, R

*Instructor permission required. *Additional fees: \$7.50/credit.*

AUTOT 282**T-TEN COOPERATIVE INTERNSHIP 2**

T-TEN Students enrolled in this course work at a Toyota or Lexus Dealership as an apprentice technician. This cooperative working/learning experience (in-dealership) is to apply and further develop skills learned during the previous instructional quarter. Cooperation involves the students, dealerships, manufacturer, and the college. Prerequisite: AUTOT 185T with 2.0 grade minimum. Mandatory decimal grading.

Item 0309	SecE1	10 Credits	7:00am-9:30am
M	Rm2162	Roner, K	

*Additional fees: \$1.00/credit.

BIOLOGY**BIOL 090****BIOLOGY SPECIAL LAB**

This class is an opportunity for tutorial instruction for students in biological subject matter areas where assistance may be needed. No appointments are necessary. Come in when you need help. An instructor/tutor is available. Prerequisites: Registration in a biology class. Mandatory P/NC grading.

Item 0311	SecE1	3 Credits	ARR
	Rm4201	Wennstrom, K/ Moffat, J	

This is a continuing enrollment class. You may register until 5/19/20 for 1-3 credits. *Additional fees: \$1.00/credit. Variable credit course. Register for the number of credits desired.

BIOL 124**NORTHWEST FLORA**

Plant classification, field study, and laboratory identification of common Pacific Northwest plant families and investigating the ecology, cultural uses & conservation of plants at the local & global level. Laboratory. Student option grading.

Item 0313	SecE1	5 Credits	8:30am-10:20am
MWF	Rm2903	Loper, M	

*Additional fees: \$15.00 plus \$1.00/credit.

BIOL 126**SUSTAINABLE GARDENING/HORTICULTURE**

This lab science course teaches environmentally responsible gardening practices and landscaping. Content includes plant identification, plant anatomy, soils, fertilizers/composting, integrated pest management, and water conservation. Student option grading.

Item 0315	SecN1	5 Credits	ARR
ONLINE		Rafay, L	

*Additional fees: \$7.50/credit.

BIOL 144**MARINE BIOLOGY**

A study of local marine organisms and the environments in which they live. Laboratory and field work are designed to implement this study. Local field trips are included. BIOL 144 and BIOL 244 are taught concurrently. BIOL 144 is designed for non-science majors. Prerequisite: ENGL 099 and MATH 080 or MATH 98 with a 2.0 or better. Student option grading.

Item 0317	SecE1	5 Credits	12:30pm-2:20pm
TTh	Rm2903	Saunders, B	

This class meets with 0319. *Additional fees: \$15.00 plus \$1.00/credit.

BIOL& 170**HUMAN BIOLOGY**

Introduction to the systems of the human body. Structures and functions of these systems will be stressed along with unifying principles such as nutrition, sex, genetics, environment, exercise and the aging process. Student option grading.

Item 0337	SecE1	5 Credits	12:30pm-2:50pm
TTh	Rm2912	Gibson, N	

*Additional fees: \$1.00/credit.

Item 0339	SecN1	5 Credits	ARR
ONLINE		Gibson, N	

*Additional fees: \$7.50/credit.

Item 0341	SecN2	5 Credits	ARR
ONLINE		Legters, W	

*Additional fees: \$7.50/credit.

Item 0343	SecN3	5 Credits	ARR
ONLINE		Baker, K	

*Additional fees: \$7.50/credit.

BIOL& 211**MAJORS CELLULAR: BIOLOGY**

Examines the cell as the basic unit of life. Topics covered include: the function of cell organelles, metabolic processes, cell division signaling, the genetics of individuals and populations. For life science majors and allied health students. Laboratory class. Prerequisite: CHEM& 121 with 2.0 or better. ENGL& 101 recommended. Student option grading.

Item 0351	SecY1	5 Credits	ARR
Hybrid		Legters, W	
W	LECTURE	Rm2601	7:30am-10:20am
F	LAB	Rm2201	7:30am-9:20am

Meets with 0353 for lecture. *Additional fees: \$30.00 plus \$7.00/credit.

Item 0353	SecY2	5 Credits	ARR
Hybrid		Legters, W	
M	LECTURE	Rm2601	7:30am-10:20am
F	LAB	Rm2201	7:30am-9:20am

Meets with 0351 for lecture. *Additional fees: \$30.00 plus \$7.00/credit.

Item 0345	SecE3	5 Credits	2:00pm-3:20pm
TTh	LECTURE	Rm2201	Baldwin, D
Th	LAB	Rm2601	11:00am-1:50pm
T	SEMINAR	Rm2201	1:00pm-1:50pm

Meets with 0347 for lecture. *Additional fees: \$30.00 plus \$7.00/credit.

Item 0347	SecE4	5 Credits	2:00pm-3:20pm
TTh	LECTURE	Rm2201	Baldwin, D
Th	LAB	Rm2601	3:30pm-6:20pm
T	SEMINAR	Rm2201	3:30pm-4:20pm

Meets with 0345 for lecture. *Additional fees: \$30.00 plus \$1.00/credit.

Evening Classes

Item 0349	SecE5	5 Credits	5:30pm-6:50pm
TTh	LECTURE	Rm2931	Akinyeke, T
T	LAB	Rm2601	7:00pm-9:50pm
Th	SEMINAR	Rm2731	7:00pm-7:50pm

*Additional fees: \$30.00 plus \$1.00/credit.

BIOL& 212**MAJORS ANIMAL: BIOLOGY**

A survey of animals involving a study of the identification structure and function. Evolution, embryology, and ecology of the kingdom is included. The emphasis is on phylogenetic relationships among animals and the ecological relationships within the kingdom. Laboratory class. Prerequisite: BIOL& 211 with 2.0 or better. Student option grading.

Item 0355	SecE1	5 Credits	12:30pm-2:20pm
TTh		Rm2601	Wennstrom, K
			2:30pm-3:45pm
TTh		Rm2946	

*Additional fees: \$30.00 plus \$1.00/credit.

BIOL& 213**MAJORS PLANT: BIOLOGY**

Survey of major taxonomic groups Fungi, Protista and Plantae. Study of morphology, physiology and reproductive patterns and evolutionary relationships. Origins of life, development of ecosystems, succession and features of the major terrestrial biomes. Laboratory class. Prerequisite: Minimum of 2.0 in BIOL& 211, or permission. Student option grading.

Item 0357	SecE1	5 Credits	11:30am-12:20pm
MWF		Rm2202	Loper, M
			12:30pm-2:20pm

MW Rm2601

**Additional fees: \$30.00 plus \$1.00/credit.*

Evening Class

Item 0359	SecE2	5 Credits	5:00pm-6:20pm
MW		Rm2931	Saunders, B
			6:30pm-8:20pm

MW Rm2601

**Additional fees: \$30.00 plus \$1.00/credit.*

BIOL& 241**HUMAN ANATOMY & PHYSIOLOGY I**

The first of a two-quarter sequence of human anatomy and physiology intended for students pursuing careers in allied health fields. The course covers histology and the structure and function of the integumentary, skeletal, muscular, and nervous systems and the special senses. Laboratory includes dissection of animal specimens. Prerequisite: BIOL& 211 with 2.0 or better. Student option grading.

Item 0361	SecE1	5 Credits	11:30am-12:20pm
F		Rm2201	Wennstrom, K
			12:30pm-2:20pm

MW Rm2602

**Additional fees: \$30.00 plus \$1.00/credit.*

Item 0367	SecY1	5 Credits	12:00pm-3:50pm
F	HYBRID	Rm2602	Magrath, A

**Additional fees: \$30.00 plus \$7.00/credit.*

Evening Classes

Item 0363	SecE2	5 Credits	6:00pm-7:20pm
TTh		Rm2308	Sargizi, M
			4:00pm-5:50pm

TTh Rm2602

*Meets with 0365 for lecture. *Additional fees: \$30.00 plus \$1.00/credit.*

Item 0365	SecE3	5 Credits	6:00pm-7:20pm
TTh		Rm2308	Sargizi, M
			7:30pm-9:20pm

TTh Rm2602

*Meets with 0363 for lecture. *Additional fees: \$30.00 plus \$1.00/credit.*

BIOL& 242**HUMAN ANATOMY AND PHYSIOLOGY II**

The second of a two-quarter sequence of human anatomy and physiology intended for students pursuing careers in allied health fields. The course covers structure and function of the endocrine, cardiovascular, lymphatic, respiratory, digestive, urinary, and reproductive systems. Laboratory includes dissection of animal specimens. Prerequisite: BIOL& 241 with 2.0 or better. Student option grading.

Item 0375	SecY1	5 Credits	8:00am-11:50am
F	HYBRID	Rm2602	Sargizi, M

**Additional fees: \$30.00 plus \$7.00/credit.*

Item 0369	SecE1	5 Credits	11:30am-12:20pm
MWF		Rm2912	Orr, B
			9:30am-11:20am

MW Rm2602

**Additional fees: \$30.00 plus \$1.00/credit.*

Evening Classes

Item 0371	SecE2	5 Credits	6:00pm-7:20pm
MW		Rm2308	Moffat, J
			4:00pm-5:50pm

MW Rm2602

*Meets with 0373 for lecture. *Additional fees: \$30.00 plus \$1.00/credit.*

Item 0373	SecE3	5 Credits	6:00pm-7:20pm
MW		Rm2308	Moffat, J
			7:30pm-9:20pm

MW Rm2602

*Meets with 0371 for lecture. *Additional fees: \$30.00 plus \$1.00/credit.*

BIOL 244**MARINE BIOLOGY FOR SCIENCE MAJORS**

A study of local marine organisms and the environments in which they live. Laboratory and field work are designed to implement this study. Local field trips are included. BIOL 144 and BIOL 244 are taught concurrently. Prerequisite: BIOL& 211. Student option grading.

Item 0319	SecE1	5 Credits	12:30pm-2:20pm
TTh		Rm2930	Saunders, B

*Meets with 0317. *Additional fees: \$30.00 plus \$1.00/credit.*

BIOL 249**TISSUE CULTURE AND STAINING**

Introduction to theory and concepts of animal cell & tissue culturing. Teaches the fundamentals in tissue culture techniques, subculturing & maintenance of cell lines. Skills also include: cell viability testing, cell counting, feeding of cell lines & quality control. Prerequisite: Instructor permission required. BIOL& 211 with a 2.0 or better. Student option grading.

Evening Classes

Item 0323	SecE2	4 Credits	5:00pm-5:50pm
MW		Rm2932	Staff
			2:00pm-4:15pm

MW Rm2930

*Meets with 0321 for lecture. *Additional fees: \$55.00 plus \$1.00/credit*

Item 0321	SecE1	4 Credits	5:00pm-5:50pm
MW		Rm2932	Staff
			6:00pm-8:15pm

MW Rm2930

*Meets with 0323 for lecture. *Additional fees: \$55.00 plus \$1.00/credit.*

BIOL& 260**MICROBIOLOGY**

Survey of microorganisms with focus on healthcare applications. Structure, classification, metabolism and genetics of bacteria and viruses are main themes. Emphasis on disease process, microbial control and immunology. Laboratory techniques include isolation and identification of bacteria. Prerequisites: BIOL& 211 with minimum 2.0. Student option grading.

Item 0377	SecE1	5 Credits	10:30am-11:20am
MWF	LECTURE	Rm2201	Miller, T
			8:30am-10:20am

WF LAB Rm2614

*Meets with 0379 for lecture. *Additional fees: \$44.00 plus \$1.00/credit.*

Item 0379	SecE2	5 Credits	10:30am-11:20am
MWF	LECTURE	Rm2201	Miller, T
			11:30am-1:20pm

WF LAB Rm2614

*Meets with 0377 for lecture. *Additional fees: \$44.00 plus \$1.00/credit.*

Evening Classes

Item 0381	SecE3	5 Credits	6:00pm-7:20pm
TTh	LECTURE	Rm2926	Gines, L
TTh	LAB	Rm2614	4:00pm-5:50pm

*Meets with 0383 for lecture. *Additional fees: \$44.00 plus \$1.00/credit.*

Item 0383	SecE4	5 Credits	6:00pm-7:20pm
TTh	LECTURE	Rm2926	Gines, L
TTh	LAB	Rm2614	7:30pm-9:20pm

*Meets with 0381 for lecture. *Additional fees: \$44.00 plus \$1.00/credit.*

BIOL 276**IMMUNOLOGY LECTURE**

This course focuses on the concepts necessary to understand the cellular, molecular and genetic basis of the immune system. Emphasis will be placed on antigen and antibody structure and function, antibody production, cellular based immunity, and the major histocompatibility complex. Prerequisite: BIOL 270 or instructor permission. Student option grading.

Item 0325	SecY1	3 Credits	4:00pm-4:45pm
TTh	HYBRID	Rm2932	Kovarik, D

*Meets with 0327 for lecture. *Additional fees: \$7.00/credit.*

BIOL 277**IMMUNOLOGY**

This course focuses on the concepts and laboratory procedures necessary to understand the cellular, molecular and genetic basis of the immune system. Emphasis will be placed on antigen and antibody structure and function, antibody production, cellular based immunity, and the major histocompatibility complex. Prerequisite: BIOL 270 or permission. Student option grading.

Item 0327	SecY1	6 Credits	4:00pm-4:45pm
TTh	Hybrid	Rm2932	Kovarik, D

*Meets with 0325 for lecture. *Additional fees: \$7.00/credit.*

TTh Rm2930

*Meets with 0325 for lecture. *Additional fees: \$7.00/credit.*

BIOL 290**INTERNSHIP**

This course is a cooperative education experience that provides students with work experience in the biotechnology industry. Prerequisite: BIOL& 211 plus completion of at least 10 additional credits toward the AAAS degree or Certificate of Proficiency in the Biotechnology Laboratory Assistant Program. Instructor permission required. Mandatory P/NC grading.

Item 0329	Sec01	2 Credits	ARR
			Kovarik, D

This is a continuing enrollment class. You may register until 5/19/20 for 1-2 credits. Variable credit course. Register for the number of credits desired.

BUSINESS**BUS& 101****INTRODUCTION TO BUSINESS**

Survey of the role of business in a modern market economy, its growth, influence, and relationship to social responsibility. This course will include, but will not be limited to, a study of business objectives, internal and external functions, and organizational management challenges. Mandatory decimal grading.

Item 0427	SecY1	5 Credits	8:30am-9:20am
MTW	HYBRID	Rm1402	Kellam, A

8:30am-9:20am

Th Rm1401

**Additional fees: \$7.00/credit.*

Item 0435	SecY5	5 Credits	9:30am-10:20am
MTW	HYBRID	Rm1402	Kellam, A

9:30am-10:20am

Th Rm1401

**Additional fees: \$7.00/credit.*

Item 0429	SecY2	5 Credits	10:30am-11:20am
MTW	HYBRID	Rm1104	Shields, R

10:30am-11:20am

Th Rm1302

**Additional fees: \$7.00/credit.*

Item 0431	SecY3	5 Credits	11:30am-12:10pm
MTW	HYBRID	Rm1402	LaVielle, G

11:30am-12:20pm

Th Rm1401

**Additional fees: \$7.00/credit.*

Item 0433	SecY4	5 Credits	12:30pm-2:10pm
MW	HYBRID	Rm1104	McGarity, N

1:20pm-2:10pm

W Rm1302

**Additional fees: \$7.00/credit.*

Item 0425	SecN1	5 Credits	ARR
ONLINE			Kellam, A

**Additional fees: \$7.50/credit.*

BUS 102**BUSINESS MATHEMATICS**

Develop analytical skills using estimating, ratio-proportion, percents, graphing, trade/cash discounts, merchandising, simple/compound interest and credit. The course contains elements of communication, critical thinking and problem solving. Prerequisite: MATH 060 or placement into MATH 070 or BUS 102. Mandatory decimal grading.

Item 0389	SecY1	5 Credits	11:30am-12:20pm
MTWTh	HYBRID	Rm1104	Shields, R

**Additional fees: \$7.00/credit.*

Item 0387	SecN1	5 Credits	ARR
ONLINE			Starr, R

**Additional fees: \$7.50/credit.*

BUS 103**MULTICULTURALISM IN THE WORKPLACE**

Explore multicultural understanding in the workplace from a business leadership perspective. Develop a personal and historical understanding of power and privilege to understand how multiculturalism can make businesses successful. Mandatory decimal grading.

Item 0391	SecN1	3 Credits	ARR
ONLINE			McGarity, N

**Additional fees: \$7.50/credit.*

BUS 104**HUMAN RELATIONS IN BUSINESS**

Study of human relations in organizations, the identification and development of factors which tend to create a harmonious environment in work situations, discussion and case studies in problem solving and organizational behavior. Mandatory decimal grading.

Item 0393	SecN1	3 Credits	10:30am-11:20am
MTWTh	Hybrid	Rm1504	Petersen, K

**Additional fees: \$7.00/credit.*

BUS 105**HUMAN RELATIONS IN BUSINESS**

This interactive class will cover strategies on effective communication in organizations. It will also discuss human behavior, motivation and leadership styles and provide tools on how to be a better employee, who understands the value of a diverse workforce. Mandatory decimal grading.

Item 0399	SecY1	2 Credits	12:30pm-1:20pm
M	HYBRID	Rm1402	Semanskee, A

**Additional fees: \$7.00/credit.*

Item 0395	SecN1	2 Credits	ARR
ONLINE			Starr, R

**Additional fees: \$7.50/credit.*

Item 0397	SecN2	2 Credits	ARR
ONLINE			Starr, R

**Additional fees: \$7.50/credit.*

BUS 130**PRINCIPLES OF FASHION**


Students will experience the fast changing world of fashion by looking at topics such as trend analysis, design, fashion production, textiles, marketing of fashion and consumer behavior. The course explores fashion from design idea to the retail store. Mandatory decimal grading.

Item 0401	SecY1	5 Credits	10:30am-12:10pm
TTh	HYBRID		Staff

**Additional fees: \$7.00/credit.*


BUS 144**LOGISTICS AND TRANSPORTATION FUNDAMENTALS**

The course examines logistics principles, concepts and activities, including balancing logistic factors to achieve optimal performance. Topics include pricing analysis, regulatory restrictions, scheduling, protecting, warehousing, information systems, customer service, and shipping. Mandatory decimal grading.

Item 0403 SecN1 3 Credits ARR
 ONLINE Versdahl, M
**Additional fees: \$7.50/credit.*


BUS 181**PROJECT PLANNING**

The first in a series of two courses; students gain actual experience in project management; develop grant management skills including budgeting, scheduling and success measures. Prerequisite: BUS 180. Mandatory decimal grading.

Item 0405 SecN1 5 Credits ARR
 ONLINE Versdahl, M
**Additional fees: \$7.50/credit.*


BUS 182**PROJECT MANAGEMENT PRACTICUM**

This is the second course in the series. Students gain actual experience in MS Project, coordinating documents, estimating, scheduling activities, assigning resources, tracking performance. These skills will help the student gain real world understanding of how to run a successful project. Prerequisites: BUS 180 and BUS 181. Mandatory decimal grading.

Item 0407 SecN1 5 Credits ARR
 ONLINE Versdahl, M
**Additional fees: \$7.50/credit.*

BUS 184**PROJECT MANAGEMENT 2**

Project management techniques used in a broad range of business environments. Develop skills necessary in project initiation, planning and execution. This course plus BUS 183 equals BUS 180. This is the second course in a two course sequence. The first course is BUS 183. Prerequisite: BUS 183 or instructor permission. Mandatory decimal grading.

Item 0409 SecN1 2 Credits ARR
 ONLINE Versdahl, M
**Additional fees: \$7.50/credit.*

BUS& 201**BUSINESS LAW**


This course examines the nature and origin of law, law as a legal system of social thought & behavior, legal institutions and processes, legal reasoning, law as a process of protecting and facilitating voluntary arrangements in a business society. Prerequisite: Enrollment in BTWRT 215 or ENGL 099 suggested. Mandatory decimal grading.

Item 0437 SecY1 5 Credits 8:30am-9:20am
 MTWTh HYBRID Rm1802 LaVielle, G
**Additional fee: \$7.00/credit.*

Item 0439 SecY2 5 Credits 9:30am-10:20am
 MTWTh HYBRID Rm1802 LaVielle, G
**Additional fee: \$7.00/credit.*


BUS 219**SUSTAINABLE MARKETING**

An analysis of an organization's opportunities to develop sustainable business practices related to effective marketing strategies. Sustainable marketing requires a new holistic paradigm with equal emphasis on environmental, social equity, and financial concerns. Mandatory decimal grading.

Item 0411 SecN1 5 Credits ARR
 ONLINE Mauck, J
**Additional fees: \$7.50/credit.*

BUS 220**ADVERTISING AND SALES PROMOTION**

Students explore the dynamic field of advertising, including how advertising is planned and created, how media is selected, negotiating costs of media, regulating advertising, and pursuing advertising careers. An advertising campaign project is a focal point for this class. Mandatory decimal grading.

Item 0413 SecN1 5 Credits ARR
 ONLINE Mauck, J
**Additional fees: \$7.50/credit.*


BUS 230**HISTORY OF FASHION**

Students will learn how fashion and textiles have changed from ancient times to present and how fashion is affected by social, psychological, economic, religious and cultural influences. Mandatory decimal grading.

Item 3011 SecY1 5 Credits 12:30pm-2:10pm
 TTh HYBRID Rm1504 Staff
**Additional fees: \$7.00/credit.*


BUS 235**RETAIL BUYING AND MANAGEMENT**

This course focuses on the role of the retail buyer and manager, such as techniques for inventory planning, selecting merchandise, and merchandising strategies and merchandise control. Vendor relationships and human resources management are also emphasized. Mandatory decimal grading.

Item 0415 SecN1 5 Credits ARR
 ONLINE Starr, M
**Additional fees: \$7.50/credit.*

BUS 245**EPROCUREMENT**

Business-to-business procurement strategies, options, methods, and solutions used to automate procurement, supplier management, and other supply chain activities are examined. Mandatory decimal grading.

Item 0417 SecN1 5 Credits ARR
 ONLINE Versdahl, M
**Additional fees: \$7.50/credit.*


BUS 250**HUMAN RESOURCE MANAGEMENT**

This participative course looks at supervision in organizations. Students will learn how to manage others using motivation techniques, employee training and performance evaluation programs. The class will also look at real world management problems and how to solve them. Mandatory decimal grading.

Item 0419 SecY1 5 Credits 9:30am-10:20am
 MTWTh HYBRID Rm1504 Staff
**Additional fees: \$7.00/credit.*


BUS 270**ENTREPRENEURSHIP- STARTING A NEW BUSINESS**

Develop the skills to create a comprehensive, professional business plan for a new or existing venture. Conduct a feasibility analysis, determine form of ownership, design finance and marketing plans and examine key aspects of small business management. Mandatory decimal grading.

Item 0421 SecN1 5 Credits ARR
 ONLINE McGarity, N
**Additional fees: \$7.50/credit.*

BUS 290**BUSINESS INTERNSHIP**

Develop business skills working in a local business. Internships are supervised by professionals who coordinate training experiences. Prerequisite: Completion of 45 college-level credits in business related classes. Mandatory P/NC grading.

Item 0423 SecE1 15 Credits ARR
 ONLINE Kellam, A
**Additional fee: \$1.00/credit. Variable credit course. Register for the number of credits desired.*

BUSINESS TECHNOLOGY**BUSTC 105****COMPUTER APPLICATIONS**

Introduction to computers and application software in a Windows based environment. Topics include: file management, the internet, and MS Office (Word, Excel, PowerPoint). Prerequisite: ENGL 099 or EAP 099 or instructor permission. Student option grading.

Item 0441 SecN1 5 Credits ARR
 ONLINE Dalton, G
 Requires WINDOWS 10 and OFFICE 365 v.2019. *Additional fee: \$7.50/credit.

BUSTC 107**COMPUTER 10-KEY**

Learn the touch-key method on a computer 10-key pad. Student option grading.

Item 0443 SecN1 2 Credits ARR
 ONLINE Bothell, L
 *Additional fee: \$7.50/credit.

BUSTC 128**WORD 2016, LEVEL 1**

Introduction to Microsoft Word. Students will learn the basic features to create business documents. Prerequisites: BUSTC 101 or 25 wpm keyboarding. Student option grading.

Item 0449 SecN1 5 Credits ARR
 ONLINE Dalton, G
 Requires WINDOWS 10 and OFFICE 365 v.2019. *Additional fee: \$7.50/credit.

BUSTC 170**ACCESS 2016**

Designed for the beginning Access user. Introduction to basic and intermediate features of Microsoft Access. File Management experience recommended. Student option grading.

Item 0451 SecN1 4 Credits ARR
 ONLINE Dalton, G
 Requires WINDOWS 10 and OFFICE 365 v.2019. *Additional fee: \$7.50/credit.

BUSTC 180**OUTLOOK 2016**

Use and customize Microsoft Outlook to manage email communications, contact lists, calendars, appointments, meetings, and schedules. Organize workflow with folders, tasks, notes, export options, rules, and Quick Steps. Prerequisite: Successful completion of ENGL 099 or equivalent with a 2.0 or better, or instructor permission. Mandatory decimal grading.

Item 0453 SecN1 3 Credits ARR
 ONLINE Bothell, L
 Requires WINDOWS 10 and OFFICE 365 v.2019. *Additional fee: \$7.50/credit.

BUSINESS WRITING**BTWRT 215****BUSINESS COMMUNICATIONS**

Focuses on all levels of business communication including writing, teamwork, presentations, and intercultural communications. Learn writing strategies to produce a variety of professional communications such as business letters, memos, e-mail, and a short report. Learn to use the Internet and Shoreline library database to research business topics and present information. Placement in ENGL& 101 or successful completion of ENGL 099 or EAP 099 or BTWRT 115 with a 2.0 or better. Mandatory decimal grading.

Item 0385 SecN1 5 Credits ARR
 ONLINE Dalton, G
 *Additional fees: \$7.50/credit.

CHEMISTRY**CHEM 090****CHEMISTRY SPECIAL LAB**

Tutorial lab for students enrolled in chemistry classes; designed to help with any type of problem concerning the field of chemistry. Prerequisite: Enrollment in any chemistry class. Mandatory P/NC grading.

Item 0459 SecE1 3 Credits ARR
 Rm4201 Petesch, K

*This is a continuing enrollment class. You may register until 5/19/20 for 1-3 credits. *Additional fee: \$1.00/credit. Variable credit course. Register for the number of credits desired.*

CHEM& 110**CHEMICAL CONCEPTS WITH LAB**

A non-science majors lab course. Presents basic chemical principles and examines contemporary social and environmental role of chemistry. Prerequisite: ENGL 099 or EAP 099 with 2.0 or better, or test placement into ENGL& 101 or instructor permission. Student option grading.

Item 0497 SecN1 5 Credits ARR
 ONLINE Kuehnert, L

**Additional fees: \$15.00 plus \$7.50/credit.*

CHEM& 121**INTRODUCTION TO CHEMISTRY**

Basic chemistry to supplement/replace high school chemistry for non-science majors. Introduces simplified atomic/molecular theory & the quantitative/qualitative relationships in the chemistry of solutions, gases, liquids, solids & their reactions. Mandatory 2-hour lab is taken concurrently. Prerequisite: MATH 099 with 2.0 or better AND placement into ENGL& 101. Mandatory decimal grading.

Item 0499 SecE1 5 Credits 8:30am-9:20am
 MTThF LECTURE Rm2703 Staff
 W LAB Rm2711 8:30am-10:20am
**Additional fees: \$15.00 plus \$1.00/credit.*

Item 0501 SecE2 5 Credits 10:30am-11:20am
 MWThF LECTURE Rm2207 Perez, A
 T LAB Rm2711 10:30am-12:20pm
**Additional fees: \$15.00 plus \$1.00/credit..*

Item 0503 SecE4 5 Credits 11:30am-1:20pm
 TTh LECTURE Rm2712 Di Franco, J
 T LAB Rm2711 1:30pm-3:20pm
**Additional fees: \$15.00 plus \$1.00/credit.*

Item 0507 SecE3 5 Credits 1:30pm-3:20pm
 MW LECTURE Rm2723 Di Franco, J
 F LAB Rm2711 1:30pm-3:20pm
**Additional fees: \$15.00 plus \$1.00/credit.*

Evening Class

Item 0505 SecE5 5 Credits 5:30pm-7:10pm
 TTh LECTURE Rm2712 Bright, T
 Th LAB Rm2711 7:20pm-9:10pm
**Additional fees: \$15.00 plus \$1.00/credit.*

Weekend Class

Item 0509 SecY2 5 Credits 9:00am-10:20am
 Sa HYBRID Rm2719 Petesch, K
 Sa Rm2711 10:30am-12:20pm

**Additional fees: \$15.00 plus \$7.00/credit.*

CHEM& 131**INTRODUCTION TO ORGANIC/BIOCHEMISTRY**

Emphasis on chemical systems/processes as they influence living systems. Study of organic compounds: properties/reactions of functional groups, lipids, proteins & carbohydrates. Intro to enzymes & neurotransmitters. Weekly lab explores reactions of hydrocarbons, alcohols, acids, & amines. Prerequisite: CHEM& 121 with a minimum grade of 2.0 and placement into ENGL& 101. Mandatory decimal grading.

Item 0511	SecE1	5 Credits	8:30am-9:20am
MTWTh		Rm2905	Petes, K
			7:30am-9:20am
F		Rm2710	Petes, K

*Additional fees: \$15.00 plus \$1.00/credit.

Evening Class

Item 0513	SecE2	5 Credits	5:30pm-7:10pm
TTh		Rm2712	Perez, A
			7:20pm-9:10pm
T		Rm2710	

*Additional fees: \$15.00 plus \$7.00/credit.

CHEM 171**GENERAL-INORGANIC CHEMISTRY I**

First course of three quarters of Gen. Chem. for science and engineering majors. Includes scientific measurement, atomic structure, nomenclature, stoichiometry, aqueous solutions and reactions, gas laws and theory, basic thermodynamics and nuclear chem. Course includes lecture and seminar. Concurrent enrollment in CHEM 181 is required. Prerequisite: Recent high school chemistry or CHEM& 121 with a 2.0 or better and ENGL 099, EAP 099, or placement into ENGL& 101 and placement into MATH& 141; or instructor permission. Mandatory decimal grading.

Item 0461	SecE1	4 Credits	9:30am-10:20am
TWF		Rm2712	Staff
			9:30am-10:20am

Th Rm2703
Meets with 0463 for lecture. TO HOLD YOUR PLACE IN CLASS YOU MUST REGISTER FOR BOTH CHEM 171 & CHEM 181. *Additional fees: \$1.00/credit.

Item 0463	SecE2	4 Credits	9:30am-10:20am
TWF		Rm2712	Staff
			11:30am-12:20pm

Th Rm2703
Meets with 0461 for lecture. TO HOLD YOUR PLACE IN CLASS YOU MUST REGISTER FOR BOTH CHEM 171 & CHEM 181. *Additional fees: \$1.00/credit.

CHEM 172**GENERAL-INORGANIC CHEMISTRY II**

Second course of three quarters of Gen. Chem. for science and engineering majors. Topics include quantum numbers, orbitals, atomic periodicity, bonding theories, molecular shapes/polarity, liquids & solids, properties of solutions, and basic organic. Course includes lecture and seminar. Concurrent enrollment in CHEM 182. Prerequisite: CHEM 171/181 with grades of 2.0 or better and placement into ENGL& 101 and placement into MATH& 141 or instructor permission. Mandatory decimal grading.

Item 0465	SecE1	4 Credits	7:30am-8:20am
TWF	LECTURE	Rm2712	Phippen, D
			8:30am-9:20am

F Rm2712
Meets with 0467 for lecture. TO HOLD YOUR PLACE IN CLASS YOU MUST REGISTER FOR BOTH CHEM 172 & CHEM 182. *Additional fees: \$1.00/credit.

Item 0467	SecE2	4 Credits	7:30am-8:20am
TWF	LECTURE	Rm2712	Phippen, D
			9:30am-10:20am

F Rm2703
Meets with 0465 for lecture. TO HOLD YOUR PLACE IN CLASS YOU MUST REGISTER FOR BOTH CHEM 172 & CHEM 182 *Additional fees: \$1.00/credit.

CHEM 173**GENERAL-INORGANIC CHEMISTRY III**

Third course of three quarters of Gen. Chem. for science and engineering majors. Topics include kinetics, chemical equilibrium, acids and bases, buffers, solubility and complex ion equilibrium, entropy, Gibbs energy, electrochemistry & transition metals. Course includes lecture and seminar. Concurrent enrollment in CHEM 183. Prerequisite: CHEM 172/182, ENGL& 101 and MATH& 141 with grades of 2.0 or better or Instructor permission. Mandatory decimal grading.

Item 0469	SecE1	4 Credits	10:30am-11:20am
TWTh	LECTURE	Rm2703	Ting, G
F		Rm2703	10:30am-11:20am

Meets with 0471 and 0473 for lecture. TO HOLD YOUR PLACE IN CLASS YOU MUST REGISTER FOR BOTH CHEM 173 & CHEM 183. *Additional fees: \$1.00/credit.

Item 0471	SecE2	4 Credits	10:30am-11:20am
TWTh	LECTURE	Rm2712	Ting, G
F		Rm2703	12:30pm-1:20pm

Meets with 0469 and 0473 for lecture. TO HOLD YOUR PLACE IN CLASS YOU MUST REGISTER FOR BOTH CHEM 173 & CHEM 183. *Additional fees: \$1.00/credit.

CHEM 173H**GENERAL-INORGANIC CHEMISTRY III HC**

Third course of three quarters of Gen. Chem. for science and engineering majors. Topics include Kinetics, chemical equilibrium, acids and bases, buffers, solubility and complex ion equilibrium, entropy, Gibbs energy, electrochemistry & transition metals. Course includes lecture and seminar. Concurrent enrollment in CHEM 183. Prerequisite: CHEM 172/182, ENGL& 101 and MATH& 141 with grades of 2.0 or better or Instructor permission. Mandatory decimal grading.

Item 0473	SecHC1	4 Credits	10:30am-11:20am
TWTh	LECTURE	Rm2712	Ting, G
F		Rm2703	11:30am-12:20pm

Meets with CHEM 173.E1, #0469 and CHEM 173.E2, #0471 for lecture. TO HOLD YOUR PLACE IN CLASS YOU MUST REGISTER FOR BOTH CHEM 173 & CHEM 183. *Additional fees: \$1.00/credit.

CHEM 181**GENERAL-INORGANIC CHEMISTRY I (LECTURE-LAB)**

Laboratory experimentation is used to reinforce the chemical concepts in CHEM 171. A separate lecture period is required to explain the lab theory, techniques and safety. Due to dangers involved in chemical experimentation, attendance in lecture is mandatory. Prerequisite: Concurrent enrollment in CHEM 171 or instructor permission. Mandatory decimal grading.

Item 0475	SecE1	2.5 Credits	9:30am-10:20am
M	LECTURE	Rm2712	Staff
W	LAB	Rm2711	12:30pm-03:20pm

Meets with 0477 for lecture. TO HOLD YOUR PLACE IN CLASS YOU MUST REGISTER FOR BOTH CHEM 171 & CHEM 181. *Additional fees: \$15.00 plus \$1.00/credit.

Item 0477	SecE2	2.5 Credits	9:30am-10:20am
M	LECTURE	Rm2712	Staff
Th	LAB	Rm2711	12:30pm-3:20pm

Di Franco, J
Meets with 0475 for lecture. TO HOLD YOUR PLACE IN CLASS YOU MUST REGISTER FOR BOTH CHEM 171 & CHEM 181. *Additional fees: \$15.00 plus \$1.00/credit.

CHEM 182**GENERAL-INORGANIC CHEMISTRY II (LECTURE-LAB)**

This course utilizes laboratory experimentation to reinforce and enhance the chemical concepts discussed in CHEM 172. A separate lecture period is required to explain the lab theory, techniques, and safety. Due to dangers involved in chemical experimentation, attendance in lecture is mandatory. Prerequisite: Concurrent enrollment in CHEM 172 or instructor permission. Mandatory decimal grading.

Item 0479	SecE1	2.5 Credits	7:30am-8:20am
M	LECTURE	Rm2712	Phippen, D
Th	LAB	Rm2710	7:30am-10:20am
<i>Meets with 0481 for lecture. TO HOLD YOUR PLACE IN CLASS YOU MUST REGISTER FOR BOTH CHEM 172 & CHEM 182. *Additional fees: \$15.00 plus \$1.00/credit.</i>			

Item 0481	SecE2	2.5 Credits	7:30am-8:20am
M	LECTURE	Rm2712	Phippen, D
Th	LAB	Rm2710	12:30pm-3:20pm
<i>Meets with 0479 for lecture. TO HOLD YOUR PLACE IN CLASS YOU MUST REGISTER FOR BOTH CHEM 171 & CHEM 181. *Additional fees: \$15.00 plus \$1.00/credit.</i>			

CHEM 183**GENERAL-INORGANIC CHEMISTRY III (LECTURE-LAB)**

This course utilizes laboratory experimentation to reinforce and enhance the chemical concepts discussed in CHEM 173. A separate lecture period is required to explain the lab theory, techniques, and safety. Due to dangers involved, attendance in lecture is mandatory. Prerequisite: Concurrent enrollment in CHEM 173 or instructor permission. Mandatory decimal grading.

Item 0483	SecE1	2.5 Credits	10:30am-11:20am
M	LECTURE	Rm2712	Ting, G
T	LAB	Rm2710	12:30pm-3:20pm
<i>Meets with 0485 for lecture. TO HOLD YOUR PLACE IN CLASS YOU MUST REGISTER FOR BOTH CHEM 173 & CHEM 183. *Additional fees: \$15.00 plus \$1.00/credit.</i>			

Item 0485	SecE2	2.5 Credits	10:30am-11:20am
M	LECTURE	Rm2712	Ting, G
W	LAB	Rm2710	12:30pm-3:20pm
<i>Meets with 0483 for lecture. TO HOLD YOUR PLACE IN CLASS YOU MUST REGISTER FOR BOTH CHEM 173 & CHEM 183. *Additional fees: \$15.00 plus \$1.00/credit.</i>			

CHEM& 242**ORGANIC CHEMISTRY II**

Second course for students taking three quarters of organic chemistry with lab. Further discussion of physical & chemical properties of organic molecules, especially aromatic and carbonyl compounds. Course requires a lab component and CHEM 272 must be taken concurrently. Prerequisite: CHEM& 241/CHEM 271 with minimum grades of 2.0 or Instructor permission. Mandatory decimal grading.

Item 0515	SecE1	4 Credits	8:30am-9:20am
MTWTh		Rm2931	Stenmark, T
<i>TO HOLD YOUR PLACE IN CLASS YOU MUST REGISTER FOR BOTH CHEM& 242 & CHEM 272. *Additional fees: \$1.00/credit.</i>			

CHEM& 243**ORGANIC CHEMISTRY III**

Third course for students planning to take three quarters of organic chemistry. Polyfunctional compounds and natural products, lipids, carbohydrates, amino acids, proteins, and nucleic acids. Course requires a lab component and CHEM 273 must be taken concurrently. Prerequisite: CHEM& 242/CHEM 272 with a minimum grade of 2.0 or Instructor permission. Mandatory decimal grading.

Item 0517	SecE1	4 Credits	10:30am-11:20am
TWThF		Rm2925	Kuehnert, L
<i>TO HOLD YOUR PLACE IN CLASS YOU MUST REGISTER FOR BOTH CHEM& 243 & CHEM 273. *Additional fees: \$1.00/credit.</i>			

Item 3038	SecE2	4 Credits	10:30am-11:20am
TWThF		Rm2925	Kuehnert, L
<i>TO HOLD YOUR PLACE IN CLASS YOU MUST REGISTER FOR BOTH CHEM& 243 & CHEM 273. *Additional fees: \$1.00/credit.</i>			

CHEM 256**INTRO TO BIOCHEMISTRY FOR SCIENCE MAJORS II**

Second of a two-quarter series surveying basic principles of biochemistry and molecular biology, emphasizing broad understanding of chemical events in living systems in terms of metabolism and structure-function relationships of biologically important molecules. Prerequisite: CHEM 255 with a 2.0 or higher or instructor permission. Mandatory decimal grading.

Item 0487	SecN1	3 Credits	ARR
ONLINE			Perez, A
<i>*Additional fees: \$7.50/credit.</i>			

CHEM 272**ORGANIC CHEMISTRY II LAB**

Second laboratory course for students planning to take three quarters of organic chemistry with lab. Further discussion of physical properties and transformations of organic molecules, especially aromatic and carbonyl compounds. Concurrent enrollment in CHEM& 242. Prerequisite: CHEM& 241/CHEM 271 with minimum grades of 2.0 or Instructor permission. Mandatory decimal grading.

Item 0489	SecE1	3 Credits	8:30am-9:20am
F		Rm2926	Stenmark, T
			12:30pm-4:20pm
M		Rm2717	
<i>TO HOLD YOUR PLACE IN CLASS YOU MUST REGISTER FOR BOTH CHEM& 242 & CHEM 272. *Additional fees: \$15.00 plus \$1.00/credit.</i>			

CHEM 273**ORGANIC CHEMISTRY III LAB**

Third laboratory course for students planning to take three quarters of organic chemistry with lab. Multistep syntheses, advanced distillation and purification techniques with instrumentation emphasis. Concurrent enrollment in CHEM& 243. Prerequisite: CHEM& 242/272 with minimum grades of 2.0 or instructor permission. Mandatory decimal grading.

Item 0491	SecE1	3 Credits	10:30am-11:20am
M	LECTURE	Rm2925	Kuehnert, L
W	LAB	Rm2717	12:30pm-4:20pm
<i>Meets with 0493 for lecture. TO HOLD YOUR PLACE IN CLASS YOU MUST REGISTER FOR BOTH CHEM& 243 & CHEM 273. *Additional fees: \$15.00 plus \$1.00/credit.</i>			

Item 0493	SecE2	3 Credits	10:30am-11:20am
M	LECTURE	Rm2925	Kuehnert, L
F	LAB	Rm2717	12:30pm-4:20pm
			Nye, A
<i>Meets with 0491 for lecture. TO HOLD YOUR PLACE IN CLASS YOU MUST REGISTER FOR BOTH CHEM& 243 & CHEM 273. *Additional fees: \$15.00 plus \$1.00/credit.</i>			

CHILD ADVOCACY STUDIES**CAST 202****PROFESSIONAL AND SYSTEMIC RESPONSES**

This course focuses on the responses of professionals and the system to allegations of child maltreatment. Designed for students entering fields in which knowledge of child maltreatment investigation and advocacy are necessary. Dual listed as SOC 202. Mandatory decimal grading.

Item 0455	SecN1	5 Credits	ARR
ONLINE			Phillips, L
<i>Meets with SOC 202, #1917. *Additional fees: \$7.50/credit.</i>			

CAST 285**GENDER, VIOLENCE AND SOCIAL CHANGE**

Study of gendered violence, its history, current research and contemporary issues. Social, psychological, legal and political implications of abuse are considered. Areas of study include child abuse, rape, domestic violence and sexual harassment. Recommend ENGL& 101. Dual listed with GWS 285. Student option grading.

Item 0457	SecN1	5 Credits	ARR
ONLINE			David, R
<i>Meets with GWS 285, #1085. *Additional fees: \$7.50/credit.</i>			

CINEMA**CINEM 201****INTRODUCTION TO CINEMA HISTORY**

This survey course examines cinema history from pre-motion picture influences to modern day advances. Covers the historical, cultural and artistic impact of film and filmmaking. Prerequisite: Placement in ENGL& 101 or instructor's permission. Student option grading.

Item 0521 SecY1 5 Credits 12:30pm-2:50pm
TTh HYBRID Rm1524 Pralle, D

*Additional fees: \$7.00/credit.

Item 0519 SecN1 5 Credits ARR
ONLINE Erdogan, D

*Additional fees: \$7.50/credit.

CLEAN ENERGY TECHNOLOGY**NRG 101****INTRODUCTION TO RENEWABLE ENERGY**

Survey course on Renewable Energy Systems. This course fulfills the need for a basic understanding of electricity, conservation, and entropy. It includes measuring energy, OHM's Law, and renewable fuel. Student option grading.

Item 1641 SecN1 5 Credits ARR
ONLINE Virdeh, L

*Additional fees: \$10.00 plus \$7.50/credit.

NRG 162**LARGE BUILDING ASSESSMENT: BUILDING TECHNOLOGY**

Survey of large building assemblies, systems and energy efficiency technologies that affect building energy performance. Prerequisite: Completion of NRG 102 and NRG 180 or Instructor Permission. Mandatory decimal grading.

Evening Class

Item 1643 SecY1 4 Credits 5:30pm-7:20pm
W HYBRID Rm1302 Gowri, K

*Additional fees: \$7.00/credit.

NRG 180**BUILDING SYSTEMS AND BLUEPRINT READING**

Use and interpret technical drawings and specifications depicting building energy technologies. Mac computer not recommended. Mandatory decimal grading.

Item 1645 SecN1 5 Credits ARR
ONLINE Virdeh, L

*Additional fees: \$10.00 plus \$7.50/credit.

COMMUNICATION STUDIES**CMST& 101****INTRODUCTION TO COMMUNICATION**

Students learn verbal, nonverbal and listening skills essential to effective living and become competent communicators by applying interpersonal, small group, public speaking, and cross-cultural communication theories to a variety of contexts including the workplace, communities, and families. Prerequisite: Successful completion of EAP 099/ENGL 099 or higher. Student option grading.

Item 0573 SecY2 5 Credits 8:30am-9:20am
MTWTh Hybrid Rm1522 Staff

*Additional fees: \$7.00/credit.

Item 0575 SecY3 5 Credits 9:30am-10:20am
Hybrid Rm1522 Harvey, C

*Additional fees: \$7.00/credit.

Item 0571 SecY1 5 Credits 10:30am-11:20am
MTWTh Hybrid Rm1522 Harvey, C

*Additional fees: \$7.00/credit.

Item 4504 SecY4 5 Credits 10:30am-12:20pm
MTWTh Hybrid Rm2926 Esquibel, E
Meets with 0775, 3005, 4504. CMST&101 + ENGL& 112, 112W, ENGL 295 or ENGL 295W. Crossing Borders: Exploring Culture, Identity and Power. Students will explore the theme of crossing borders by looking at culture,

identity, and power through communication concepts and fiction. *Additional fees: \$7.00/credit.

Item 0565 SecN1 5 Credits ARR
ONLINE Esquibel, E

*Additional fees: \$7.50/credit.

Item 0567 SecN2 5 Credits ARR
ONLINE Zaragoza, K

*Additional fees: \$7.50/credit.

Item 0569 SecN3 5 Credits ARR
ONLINE Zaragoza, K

*Additional fees: \$7.50/credit.

CMST& 102**INTRODUCTION TO MASS MEDIA**

Explore the history, technologies and processes of mass communication systems including newspapers, magazines, books, radio, sound recordings, television, film and Internet. Recognize the cultural impacts, theories, related ethics and laws of mass communications. Prerequisite: Placement into ENGL& 102. Student option grading.

Item 0577 SecN1 5 Credits ARR
ONLINE McVay, V

Meets with 0579. *Additional fees: \$7.50/credit.

CMST& 102W**INTRODUCTION TO MASS MEDIA**

Explore the history, technologies and processes of mass communication systems including newspapers, magazines, books, radio, sound recordings, television, film and Internet. Recognize the cultural impacts, theories, related ethics and laws of mass communications. Prerequisite: Placement into ENGL& 102. Student option grading.

Item 0579 SecN1 5 Credits ARR
ONLINE McVay, V

Meets with 0577. 'W' following the course number indicates the class satisfies UW writing requirement. Extensive writing requirement. *Additional fees: \$7.50/credit.

CMST 203**COMMUNICATION FOR SOCIAL CHANGE**

Engage in reflection, discussion and thought-provoking activities to experience a wide range of cultural perspectives, to think critically, and to build empathy. Explore the ways that power and privilege shape perceptions of race, class, gender, sexuality, age, etc. Learn communication skills to effect social change. Prerequisite: Successful completion of ENGL 099 required or placement into ENGL& 101. Student option grading.

Item 0537 SecY2 5 Credits 10:30am-11:20am
MTWTh HYBRID Rm1515 Zimmers, B

*Additional fees: \$7.00/credit.

Item 0539 SecY3 5 Credits 11:30am-12:20pm
MTWTh HYBRID Rm1515 Zimmers, B

*Additional fees: \$7.00/credit.

CMST& 210**INTERPERSONAL COMMUNICATION**

This course is designed to enhance your awareness, knowledge and skills in interpersonal communication in order to assist you in making more thoughtful, ethical choices in life. The focus is on experiences with friends, family, peers, coworkers and significant others. Prerequisite: Successful completion of EAP 099/ENGL 099 or higher. Student option grading.

Item 0581 SecY1 5 Credits 9:30am-10:20am
MTWTh HYBRID Rm1515 Zimmers, B

*Additional fees: \$7.00/credit.

CMST& 220**PUBLIC SPEAKING**

Build confidence when speaking with others. Learn to influence others by critically listening to and crafting organized, informative and persuasive speeches. Conduct responsible research on topics appropriate for your audience. Use sound reasoning and strong delivery to achieve effective presentation skills. Prerequisite: Successful completion of EAP 099/ENGL 099 or higher. Optional P/NC grading.

Item 0585 SecY2 5 Credits 9:30am-10:20am
MTWTh HYBRID Rm2518 Munsell, H

*Additional fees: \$7.00/credit.

Item 0587 SecY3 5 Credits 10:30am-11:20am
MTWTh HYBRID Rm2518 Munsell, H

*Additional fees: \$7.00/credit.

Item 0589 SecY4 5 Credits 11:30am-12:20pm
MTWTh HYBRID Rm2518 Munsell, H

*Additional fees: \$7.00/credit.

Item 0583 SecN1 5 Credits ARR
ONLINE Staff

*Additional fees: \$7.50/credit.

CMST 244**NEWS WRITING**

Explore journalism, with a focus on reporting, news gathering and writing. The course covers links to public relations, advertising and digital journalism as well as ethical and legal concerns. Newspaper production is introduced. The class may be taken again for credit. Student option grading.

Item 0541 SecE1 3 Credits 12:30pm-2:20pm
MW Rm1515 McVay, V

Meets with 0541, 0543, 0545, 0547, 0549, 0551. *Additional fees: \$1.00/credit. Variable credit course. Register for the number of credits desired.

CMST 244W**NEWS WRITING**

Explore journalism, with a focus on reporting, news gathering and writing. The course covers links to public relations, advertising and digital journalism as well as ethical and legal concerns. Newspaper production is introduced. The class may be taken again for credit. Student option grading.

Item 0543 SecE1 3 Credits 12:30pm-2:20pm
MW Rm1515 McVay, V

Meets with 0541, 0543, 0545, 0547, 0549, 0551. 'W' following the course number indicates the class satisfies UW writing requirement. Extensive writing required. *Additional fees: \$1.00/credit. Variable credit course. Register for the number of credits desired.

CMST 245**STUDENT NEWSPAPER**

Experience hands-on learning in one or more aspects of the college newspaper, including reporting, writing, editing, photography, production or advertising. May be repeated for credit. Student option grading.

Item 0545 SecE1 3 Credits 3:00pm-5:00pm
M Rm9101 McVay, V

Meets with 0541, 0543, 0545, 0547, 0549, 0551. *Additional fees: \$1.00/credit. Variable credit course. Register for the number of credits desired.

CMST 245W**STUDENT NEWSPAPER**

Experience hands-on learning in one or more aspects of the college newspaper, including reporting, writing, editing, photography, production or advertising. May be repeated for credit. Student option grading.

Item 0547 SecE1 3 Credits 3:00pm-5:00pm
M Rm9101 McVay, V

Meets with 0541, 0543, 0545, 0547, 0549, 0551. 'W' following the course number indicates the class satisfies UW writing requirement. Extensive writing required. *Additional fees: \$1.00/credit. Variable credit course. Register for the number of credits desired.

CMST 247**JOURNALISTIC WRITING**

Learn journalistic principles and practices. Write news articles, features, opinions and arts reviews. Explore ethical questions, legal concerns, and journalism's links to public relations. Photojournalism, design, and online journalism are introduced. Student option grading.

Item 0549 SecE1 4 Credits 12:30pm-2:20pm
MW Rm1515 McVay, V
Meets with 0541, 0543, 0545, 0547, 0549, 0551. *Additional fees: \$1.00/credit.

CMST 247W**JOURNALISTIC WRITING**

Learn journalistic principles and practices. Write news articles, features, opinions and arts reviews. Explore ethical questions, legal concerns, and journalism's links to public relations. Photojournalism, design, and online journalism are introduced. Student option grading.

Item 0551 SecE1 4 Credits 12:30pm-2:20pm
MW Rm1515 McVay, V
Meets with 0541, 0543, 0545, 0547, 0549, 0551. 'W' following the course number indicates the class satisfies UW writing requirement. Extensive writing requirement. *Additional fees: \$1.00/credit.

CMST 285**CRITICAL INTERCULTURAL COMMUNICATION**

Explore the complexities of intercultural communication in both U.S. and global contexts through an experiential, skill-building framework. Analyze how we are shaped by culture and positions of power and privilege. Develop and apply intercultural skills to affect social change. Note: CMST 285 and CMST 203 have different content. Prerequisite: Successful completion of EAP 099, ENGL 099 or placement into ENGL& 101. Mandatory decimal grading.

Item 0553 SecE1 5 Credits 12:30pm-2:50pm
TTh Rm1515 Harvey, C
*Additional fees: \$1.00/credit.

COMPUTER SCIENCE**CS 090****INDEPENDENT STUDY COMPUTER SCIENCE**

Students study computer science topics individually or in small groups using the Computer Science and Engineering Learning Center. This course is an opportunity for tutorial instruction, exploration of available campus resources, and college success topics. No appointments are necessary. Prerequisite: Concurrent enrollment in any CS or CS& course required. Mandatory P/NC grading.

Item 0591 SecE1 3 Credits ARR
Rm2516 Hess, C

This is a continuing enrollment class. You may register until 5/19/20 for 1-3 credits. Variable credit course. Register for the number of credits desired. *Additional fees: \$1.00/credit.

CS 121**INTRODUCTION TO PROGRAMMING**

This course provides an introduction to computer programming. Students explore foundational programming constructs such as variables, functions, decisions, loops, and lists as well as foundational concepts such as problem solving, testing, and debugging. This course is intended for students with little to no prior programming experience. Prerequisite: Placement into ENGL& 101 and completion of MATH 099 with grade of 2.0 or better. Student option grading.

Item 0595 SecY1 5 Credits 9:30am-10:20am
MTWTh Hybrid Rm1308 Covington, K
*Additional fees: \$10.00 plus \$7.00/credit.

Item 0593 SecY2 5 Credits 10:30am-11:20am
MTWTh Hybrid Rm1308 Staff
*Additional fees: \$10.00 plus \$7.00/credit.

CS& 141**COMPUTER SCIENCE I - JAVA**

This course will explore common computational problem-solving techniques. Students explore fundamental programming abilities and concepts including procedural programming (methods, parameters, return, values), control structures (sequence, if/else, for loop, while loop), file processing, arrays, and an introduction to objects. Prerequisite: ENGL& 101 (may be taken concurrently). Completion of MATH& 141 or MATH 111 with grades of 2.0 or better. Completion of CS 121 or ENGR 102 with a grade of 2.0 or better. Prior programming experience required. Mandatory decimal grading.

Item 0603	SecY1	5 Credits	12:30pm-2:50pm
MW	Hybrid	Rm1308	Hess, C

*Additional fees: \$10.00 plus \$7.00/credit.

Item 0605	SecY2	5 Credits	12:30pm-2:50pm
TTh	Hybrid	Rm1308	STAFF

*Additional fees: \$10.00 plus \$7.00/credit.

CS 143**COMPUTER SCIENCE II - JAVA DATA STRUCTURE**

This course is a continuation of Computer Science fundamentals. Students explore an in-depth look at object-oriented programming. Data abstraction and implementation topics include abstract data types, stacks, queues, linked lists, binary trees, predefined collection classes, recursion, complexity, searching, and sorting. Prerequisite: Completion of CS& 141 with a grade of 2.0 or better. Student option grading.

Item 0597	SecE1	5 Credits	12:30pm-2:50pm
TTh		Rm1302	Covington, K

*Additional fees: \$10.00 plus \$1.00/credit.

Item 0599	SecN1	5 Credits	ARR
ONLINE			
Hess, C			

*Additional fees: \$10.00 plus \$7.50/credit.

CS 211**COMPUTING & SOCIETY**

This course explores issues related to the development, usage, and impact of computing technology on society. Topics vary each quarter but may include coverage areas such as intellectual property, artificial intelligence, privacy of data, liability, ethics, social justice, diversity, and the global digital divide. Prerequisite: ENGL& 101. Student option grading.

Item 3044	SecY1	5 Credits	10:30am-11:20am
W		Rm1402	Hess, C

*Additional fees: \$7.00/credit.

CRIMINAL JUSTICE**CJ& 101****INTRODUCTION TO CRIMINAL JUSTICE**

An examination of crime, its causes and its impact on American life; the issues and challenges facing the American criminal justice system; the history and structure of the three major components of the justice system; and an introduction to the theories of sentencing and punishment. Mandatory decimal grading.

Item 0533	SecN1	5 Credits	ARR
ONLINE			
Caldwell, R			

*Additional fees: \$7.50/credit.

CJ& 110**CRIMINAL LAW**

A study of the nature and purpose of the criminal law, its sources, limitations and general principles, defenses and the wide range of criminal conduct covered by the criminal law. The Revised Code of Washington is also studied. Mandatory decimal grading.

Item 0535	SecN1	5 Credits	ARR
ONLINE			
Jeske, D			

*Additional fees: \$7.50/credit.

CJ 238**CRIMINAL EVIDENCE AND CONSTITUTIONAL LAW**

Examines the role played by the U.S. and Washington State Constitutions in the application of criminal law and procedures. Students will analyze U.S. Supreme Court decisions and their effect on the admissibility of evidence. Mandatory decimal grading.

Item 0523	SecN1	5 Credits	ARR
ONLINE			
*Additional fees: \$7.50/credit.			

CJ 290**INTERNSHIP**

A program in which the student will work directly with a criminal justice agency in a wide variety of tasks to give the student a better understanding of day to day operation and the tasks performed by a part of the criminal justice system. Mandatory decimal grading.

Item 0525	SecN1	5 Credits	ARR
ONLINE			
Caldwell, R			

*Additional fees: \$7.50/credit.

DENTAL HYGIENE**DENHY 114****ORAL PATHOLOGY**

The recognition and etiology of clinical oral pathologies of the oral/facial area. Introduction to detection, description and evaluation of oral lesions. Prerequisite: Admission to the Dental Hygiene Program or permission of the instructor. Mandatory decimal grading.

Item 0607	SecE1	2 Credits	8:30am-10:20am
W		Rm2513	Honey, P

*Additional fees: \$1.00/credit.

DENHY 123**CLINICAL DENTAL HYGIENE AND FUNDAMENTALS III**

Third of a series of lecture and discussion and beginning clinical course in a series providing traditional dental hygiene procedures to patients from the campus and community, with increasing level of competency and speed. Prerequisite: Admission to the Dental Hygiene Program and completion of DENHY 122 with a 2.0 grade or higher, or permission of the instructor. Mandatory decimal grading.

Item 0609	SecE1	6 Credits	8:30am-12:30pm
TTh		Rm2521	Simich, L
			10:30am-12:30pm
F		Rm2513	Simich, L/
			Tran, K/Castaneda, A/Moore, K/Krupa, H/Honey, P

*Additional fees: \$587.25.

DENHY 130**PHARMACOLOGY**

The study of the general pharmacological and therapeutic actions of drugs pertaining to dentistry, including nomenclature, dosage, routes of administration, indications, contraindications, and the legal factors involved in dispensing. Prerequisite: Admission to the Dental Hygiene Program or permission of the instructor. Mandatory decimal grading.

Item 0611	SecE1	3 Credits	1:30pm-4:20pm
M		Rm2513	Honey, P

*Additional fees: \$1.00/credit.

DENHY 152**PATIENT RECORDS II**

Discussion sessions for 1st year students with emphasis on patient electronic health record (EHR) keeping, care planning/referrals, policies/procedures necessary to fulfill legal duties owed to patients and to maintain positive public relations. Includes screening exams on patients. Prerequisite: Admission to the Dental Hygiene Program or permission of the instructor. Mandatory decimal grading.

Item 0613	SecE1	1 Credit	8:30am-12:20pm
M		Rm2521	Moore, K
			9:30am-10:20am
F		Rm2513	Simich, L

*Additional fees: \$6.25 plus \$51.00/credit.

DENHY 161**PERIODONTOLOGY I**

The recognition and etiology of diseases of the periodontium. This is the first course in a series of three consecutive courses in periodontology, and provides fundamental knowledge in the field of dental hygiene. Prerequisite: Admission to the Dental Hygiene Program or permission of the instructor. Mandatory decimal grading.

Item 0615	SecE1	2 Credits	10:30am-12:20pm
W		Rm2513	Honey, P

*Additional fees: \$1.00/credit.

DENHY 181**RESTORATIVE DENTISTRY I**

Introduction to restorative dentistry procedures, including rubber dam application, alginate impressions, study models, sealants, mercury hygiene, matrix and wedge application, amalgam carving and L.A. Chemical and physical properties of the materials will also be studied. Prerequisite: Admission to the Dental Hygiene Program or permission of the instructor. Mandatory decimal grading.

Item 0617	SecY1	3 Credits	1:30pm-4:30pm
TW		Rm2513	Krupa, H
		Castaneda, A/Kintner, P/Mitchell, A/Tran, K	

*Additional fees: \$113.25.

DENHY 223**CLINICAL DENTAL HYGIENE VII**

Continuing performance of traditional dental hygiene clinical procedures on patients from the campus and community with increasing competency and efficiency. Limited to students accepted into the Dental Hygiene Program. Prerequisite: Admission to the Dental Hygiene Program and completion of DENHY 222 with a 2.5 grade or higher, or permission of the instructor. Mandatory decimal grading.

Item 0619	SecE1	6 Credits	8:30am-12:30pm
MW		Rm2521	Bellert, M
			1:30pm-5:30pm
M		Rm2521	Nelson, G/
		Mitchell, A/Stone, C/Kintner, P/Bellert, M/Fleming, K	

*Additional fees: \$381.25 plus \$51.00/credit.

DENHY 233**DENTAL HYGIENE FUNDAMENTALS VII**

Lectures and discussions relating to entry into the dental hygiene profession and presentation of perio-control project. Limited to students accepted into the Dental Hygiene Program. Prerequisite: Admission to the Dental Hygiene Program and completion of DENHY 232 with a grade of 2.5 or higher, or permission of the instructor. Mandatory decimal grading.

Item 0621	SecE1	2 Credits	11:30am-1:20pm
F		Rm2518	Fleming, K/
		Bellert, M/Mitchell, A/Nelson, G/Stone, C	

*Additional fees: \$1.00/credit.

DENHY 243**PROCEDURES SEMINAR VII**

Second-year, weekly discussion and lecture sessions with special emphasis on patient care planning/referrals, policies and procedures for clinical operation, and preparation for the restorative and written portions of the State and Western Regional Licensing Exams. Prerequisite: Admission to Dental Hygiene Program or permission of instructor.

Item 0623	SecE1	1 Credit	1:30pm-2:20pm
F		Rm2518	Fleming, K

*Additional fees: \$1.00/credit.

DENHY 253**PATIENT RECORDS V**

Discussion sessions for 2nd year students with emphasis on patient chart record keeping, patient care planning/referrals, policies/procedures necessary to fulfill legal duties owed to patients. Patient exams/charting performed with minimal instructor assistance. Prerequisite: Admission to Dental Hygiene Program or permission of instructor. Mandatory decimal grading.

Item 0625	SecE1	1 Credit	1:15pm-4:45pm
W		Rm2521	Stone, C
			8:30am-9:20am
F		Rm2518	Simicich, L/
			Honey, P/Moore, K

*Additional fees: \$6.25 plus \$51.00/credit.

DENHY 270**PROFESSIONAL ISSUES**

Lecture and discussion regarding the practice of dental hygiene including resume development, interviewing techniques, patient scheduling systems, employment contracts and dental staff relations. Limited to students accepted into the Dental Hygiene Program. Prerequisite: Admission to the Dental Hygiene Program or permission of the instructor. Mandatory decimal grading.

Item 0627	SecE1	1 Credit	9:30am-10:20am
F		Rm2346	Honey, P

*Additional fees: \$1.00/credit.

DENHY 272**SPECIAL COMMUNITY DENTAL HEALTH PROJECT**

Advanced study in community dental health with group community projects to be arranged on an individual basis with the instructor. Limited to students accepted into the Dental Hygiene Program. Prerequisite: Admission to the Dental Hygiene Program and completion of DENHY 171 and 271 with a grade of 2.5 or higher for each course, or permission of the instructor. Mandatory P/NC grading.

Item 0629	SecE1	1 Credit	10:30am-11:20am
F		Rm2346	Honey, P

*Additional fees: \$1.00/credit.

DENHY 284**RESTORATIVE CLINIC II**

Clinical experience in restorative dentistry procedures. Limited to students accepted into the Dental Hygiene program. Prerequisite: Admission to the Dental Hygiene Program and successful completion of DENHY 283 or permission of the instructor. Mandatory decimal grading.

Item 0631	SecE1	2 Credits	1:30pm-5:30pm
Th		Rm2521	Krupa, H
			Kintner, P/Simicich, L/Convey, Z/Apatoff, D/Janison, J/Stanley, S

*Additional fees: \$6.25 plus \$51.00/credit.

DENHY 288**EXTRAMURAL CLINIC II**

Special clinical rotation for second-year students to attend individualized clinical experiences, with dental hygiene treatment for patients in extramural community clinics. Prerequisite: Admission to the Dental Hygiene Program or permission of instructor. Mandatory P/N grading.

Item 0633	SecE1	1 Credit	ARR
			Fleming, K

*Additional fees: \$6.25 plus \$1.00/credit.

DRAMA**DRAMA & 101****INTRODUCTION TO THEATRE**

Students explore dramatic traditions by reading and analyzing plays from ancient to contemporary times. Student option grading.

Item 0671	SecN1	5 Credits	ARR
ONLINE			Monson, D

*Additional fees: \$7.50/credit.

DRMA 144**ACTING I**

An introduction to the craft of acting. Students learn theory and practice of acting through exercises, rehearsals and games, improving their ability to concentrate, relax, listen, observe and practice empathy. Open to all levels of experience. Student option grading.

Item 0639 SecE3 5 Credits 10:30am-11:20am
DAILY Rm1600L Golden, E

*Meets with 0641. *Additional fees: \$1.00/credit.*

Item 0635 SecE1 5 Credits 12:30pm-2:50pm
MW Rm4107 Erdogan, D

**Additional fees: \$1.00/credit.*

Item 0637 SecE2 5 Credits 3:30pm-5:50pm
TTh Rm1600L Pralle, D

**Additional fees: \$1.00/credit.*

DRMA 146**ACTING III**

A continued practice to the craft of acting. Students learn the theory and practice of acting through exercises, rehearsals, and games, improving their ability to concentrate, relax, listen and observe, and practice empathy. Prerequisite: Instructor permission OR completion of one of the following Shoreline performance based courses: DRMA 144, 145, 155, 156, 157, 225, or 295. Mandatory decimal grading.

Item 0641 SecE1 5 Credits 10:30am-11:20am
DAILY Rm1600L Golden, E

*Meets with 0639. *Additional fees: \$1.00/credit.*

DRMA 155**ACTING FOR TELEVISION AND FILM**

Dramatic and commercial acting for work in film, television and commercials. Learn auditioning styles, acting technique and the marketing skills needed for a successful screen acting career. Student option grading.

Item 0643 SecE1 3 Credits 9:30am-10:20am
MWF Rm4107 Golden, E

**Additional fees: \$57.50 plus \$1.00/credit.*

DRMA 156**ACTING, WRITING, DIRECTING FOR THE CAMERA I**

A fast-paced introduction to film and video production. Discussion of films in terms of cinematic styles, acting and screenplay structure along with exercises in acting, directing, writing and filming of original productions. Student option grading.

Item 0645 SecE1 5 Credits 11:30am-12:20pm
DAILY Rm4107 Doupe, T

*Meets with 0647. *Additional fees: \$57.50 plus \$1.00/credit.*

DRMA 157**ACTING, WRITING, DIRECTING FOR THE CAMERA 2**

A continued fast-paced introduction to film and video production. Discussion of films in terms of cinematic styles, acting and screenplay structure along with exercises in acting, directing, writing and filming of original productions. Student option grading.

Item 0647 SecE1 5 Credits 11:30am-12:20pm
DAILY Rm4107 Doupe, T

*Meets with 0645. *Additional fees: \$57.50 plus \$1.00/credit.*

DRMA 207**THEATRICAL PRODUCTION**

Laboratory for students participating in theatrical and video/film productions for the viewing public including writing, acting, directing, designing, technical theater and/or marketing. Student option grading.

Item 0649 Sec01 1 Credit 12:30pm-3:00pm
DAILY Rm1600L Doupe, T

*Meets with 0667, 0649, 0653, 0657, 0665. *Additional fees: \$57.50.*

Evening Class

Item 0651 Sec02 1 Credit 6:00pm-9:00pm
DAILY Rm860 Enlow, C

*Meets with 0651, 0655, 0659, 1451, 1453, 1455 *Additional fees: \$57.50.*

DRMA 208**THEATRICAL PRODUCTION**

Laboratory for students participating in theatrical and video/film productions for the viewing public including writing, acting, directing, designing, technical theater and marketing. Student option grading.

Item 0653 Sec01 2 Credits 12:30pm-3:00pm
DAILY Rm1600L Doupe, T

*Meets with 0567, 0649, 0653, 0657. *Additional fees: \$57.50.*

Evening Class

Item 0655 Sec02 2 Credits 6:00pm-9:00pm
DAILY Rm860 Enlow, C

*Meets with 0651, 0655, 0659, 1451, 1453, 1455. *Additional fees: \$57.50.*

DRMA 209**THEATRICAL PRODUCTION**

Laboratory for students participating in theatrical and video/film productions for the viewing public including writing, acting, directing, designing, technical theater and/or marketing. Student option grading.

Item 0657 Sec01 3 Credits 12:30pm-3:00pm
DAILY Rm1600L Doupe, T

*Meets with 0567, 0649, 0653, 0657. *Additional fees: \$57.50*

Evening Class

Item 0659 Sec03 3 Credits 6:00pm-9:00pm
DAILY Rm860 Enlow, C

*Meets with 0651, 0655, 0659, 1451, 1453, 1455. *Additional fees: \$57.50.*

DRMA 224**THEATER CAREER PLANNING AND AUDITIONING**

Study of possible career opportunities in theater and film productions and the process of selection and application to programs and schools through interviews, resumes. Student option grading.

Item 0661 SecE1 2 Credits 9:30am-10:20am
TTh Rm1600L Doupe, T

**Additional fees: \$57.50 plus \$1.00/credit.*

DRMA 235**EXPERIMENTAL THEATER: STUDENT DIRECTED**

Explore historical and contemporary non-traditional theater through experimental scripts written, directed, and performed by students. Prerequisite: Admission by permission of instructor after audition. Student option grading.

Item 0665 SecE1 5 Credits 12:30pm-3:00pm
DAILY Rm1600L Doupe, T

*Meets with 0567, 0649, 0653, 0657. *Additional fees: \$57.50 plus \$1.00 per credit. Variable credit course. Register for the number of credits desired.*

DRMA 255**DIRECTING**

Theory and practice in directing for stage productions. Attention given to all aspects from selection to actual production. Student option grading.

Item 0667 SecE1 5 Credits 12:30pm-03:00pm
DAILY Rm1600L Doupe, T

*Meets with 0665, 0667, 0649, 0653, 0657. *Additional fees: \$57.50 plus \$1.00 per credit.*

EARLY CHILDHOOD EDUCATION**ECED& 105****INTRODUCTION TO EARLY CHILDHOOD EDUCATION**

Overview of the foundations of Early Childhood Education. Examine theories defining the field, issues and trends, best practices and program models. Observe children, professionals and programs in action. Mandatory decimal grading.

Item 0719 SecN1 5 Credits
ONLINE ARR
Qasim, T

**Additional fees: \$7.50/credit.*

ECED& 170**ENVIRONMENTS FOR YOUNG CHILDREN**

Design, evaluate, and improve indoor and outdoor environments that ensure quality learning and nurturing experiences, and optimize the development of the young child. Mandatory decimal grading.

Item 0721	SecN1	3 Credits	ARR
ONLINE			Phillips, L

*Additional fees: \$7.50/credit.

ECED& 190**OBSERVATION AND ASSESSMENT**

Collect and record observation of and assessment data on young children in order to plan for and support the child, the family, the group, and the community. Practice reflection techniques, summarizing conclusions, and communicating findings. Mandatory decimal grading.

Item 0723	SecN1	3 Credits	ARR
ONLINE			Peace-Gladst

*Additional fees: \$7.50/credit.

ECONOMICS**ECON 100****SURVEY OF ECONOMIC PRINCIPLES**

A survey of how capitalism works: how we choose what to buy, where to work, and how businesses and governments affect our lives, the environment, and the world. Not recommended for students seeking a bachelor's degree in economics or business. Prerequisite: Placement in ENGL 099 or higher. Mandatory decimal grading.

Item 0725	SecY1	5 Credits	12:30pm-2:20pm
TTh	HYBRID	Rm1814	Lothyan, K

*Additional fees: \$7.00/credit.

ECON& 201**MICRO ECONOMICS**

How do consumer and producer choices influence social outcomes? Issues include competition and corporate power, wealth and poverty, environmental quality, and role of government in a market economy. Prerequisite: Completion of MATH 098 or equivalent with a grade of 2.0 or better, or placement into MATH 099. Completion of ENGL 099 or EAP/EAPAB 099 or equivalent with a grade of 2.0 or better, or placement into ENGL& 101. Mandatory decimal grading.

Item 0737	SecY2	5 Credits	9:30am-10:20am
MTWTh	HYBRID	Rm1814	Kimani, D

*Additional fees: \$7.00/credit.

Item 0735	SecY1	5 Credits	10:30am-11:20am
MTWTh	HYBRID	Rm1724	Kimani, D

*Additional fees: \$7.00/credit.

Item 0733	SecN1	5 Credits	ARR
ONLINE			Howard, G

*Additional fees: \$7.50/credit.

ECON& 202**MACRO ECONOMICS**

What determines national economic growth and prosperity? What causes booms and busts? What are the effects of government policies regarding taxes, government spending and money supply? Issues include: unemployment, inflation, international trade and globalization. Prerequisite: ECON& 201 or equivalent with a grade of 2.0 or better, and placement into MATH 099. Completion of ENGL 099 or EAP/EAPAB 099 or equivalent with a grade of 2.0 or better, or placement into ENGL& 101. Mandatory decimal grading.

Item 0743	SecY2	5 Credits	12:30pm-2:20pm
TTh	HYBRID	Rm1724	Kimani, D

*Additional fees: \$7.00/credit.

Item 0739	SecN1	5 Credits	ARR
ONLINE			Lothyan, K

*Additional fees: \$7.50/credit.

EDUCATION**EDUC& 115****CHILD GROWTH AND DEVELOPMENT**

Build a foundation for explaining how children develop, from conception through early adolescence. Explore various developmental theories, methods for documenting growth, and impact of brain development. Topics addressed: stress, trauma, culture, race, gender identity, socioeconomic status, family status, language, and health issues. Student option grading.

Item 0757	SecN1	5 Credits	ARR
ONLINE			Peace-Gladst

*Additional fees: \$7.50/credit.

EDUC& 202**INTRODUCTION TO EDUCATION**

A survey of history, philosophy, principles, issues, and trends in American Education. Includes opportunities for observation of educational models and exploration of career paths. Mandatory decimal grading.

Item 0759	SecN1	5 Credits	ARR
ONLINE			Qaasim, T

*Additional fees: \$7.50/credit.

EDUC 210**BEST PRACTICES IN SPECIAL EDUCATION**

Explore the systems and instructional methods used to teach exceptional students in regular and special education. Develop strategies for collaboration between professionals and parents. Prerequisite: EDUC& 204 recommended. Student option grading.

Item 0745	SecN1	5 Credits	ARR
ONLINE			Qaasim, T

*Additional fees: \$7.50/credit.

EDUC& 240**DIVERSITY IN EDUCATION**

Explore diversity and social justice issues that influence educational settings. Examine historical and current social and political contexts in schools and their resulting impact on children, teachers, and families. Previously EDUC 117. Mandatory decimal grading.

Item 0761	SecN1	5 Credits	ARR
ONLINE			Peace-Gladst

*Additional fees: \$7.50/credit.

EDUCATION LEARNING ASSISTANCE**EDULA 199****TUTORING WRITING & LEARNING: THEORY & PRACTICE**

This course combines classroom instruction with supervised practice for students wanting to work as tutors in The Writing & Learning Studio. Topics include writing center theory and practice, learning theory, and tutoring principles and strategies with a focus on helping writers during all stages of the writing process. Prerequisite: Minimum grade of 3.5 in ENGL& 101 and interview with instructor. Student option grading.

Item 0763	SecE1	3 Credits	ARR
		Rm4237	Staff

ENGINEERING**ENGR 090****INDEPENDENT STUDY ENGINEERING**

Students study engineering topics individually or in small groups using the Computer Science and Engineering Learning Center. This course is an opportunity for tutorial instruction, exploration of available campus resources, and college success topics. No appointments are necessary. Prerequisite: Concurrent enrollment in any ENGR or ENGR& course required. Mandatory P/NC grading.

Item 0843	SecE1	3 Credits	ARR
		Rm2516	Armstrong, A

This is a continuing enrollment class. You may register until 5/19/20 for 1-3 credits. Variable credit course. Register for the number of credits desired. *Additional fees: \$1.00/credit.

ENGR 100**INTRODUCTION TO ENGINEERING AND DESIGN**

Introduction to the engineering profession and design process. Course includes guest speakers, team activities, and career planning. Communication, creative skills, and teamwork are developed utilizing journals, written reports, poster presentations, and sketching. Mandatory decimal grading.

Item 0845	SecY1	4 Credits	11:30am-12:20pm
MTTh	HYBRID	Rm2516	Armstrong, A

*Additional fees: \$10.00 plus \$7.00/credit.

ENGR 102**INTRODUCTION TO ELECTRONICS**

Introduction to electronics, test equipment and manufacture of electronic systems using a project based approach. Covers manufacturing techniques, including prototyping, assembly and soldering. Projects will include alternative energy systems characterization, sound modulation and music synthesis. Prerequisite: MATH 099 and ENGL 099 or EAP 099, with grades of 2.0 or better. Mandatory decimal grading.

Item 0847	SecE1	5 Credits	3:30pm-6:20pm
MW		Rm1305	Basham, E

Meets with ENGR& 204. *Additional fees: \$10.00 plus \$1.00/credit.

ENGR& 114**ENGINEERING GRAPHICS**

Development of 2D and 3D visualization skills, fundamentals of orthographic projection, isometric and engineering drawings and dimensioning using hand sketching, AutoCAD, and Solid Works. Prerequisite: ENGL 099 or EAP 099, and MATH 099, with grades of 2.0 or better, or instructor permission. Mandatory decimal grading.

Item 0855	SecY1	5 Credits	3:30pm-5:20pm
M	HYBRID	Rm1401	Armstrong, A

Students provide books and drafting equipment. These materials are available at the bookstore *Additional fees: \$10.00 plus \$7.00/credit.

ENGR 202**DESIGN OF LOGIC CIRCUITS**

Introduction to the basic components of logic circuits. Design and analysis of combinational and sequential logic circuits using relevant theorems, mathematical models, and hardware description language. Includes exposure to modern methods and design tools. Prerequisite: Prior programming experience and placement into ENGL& 101, and MATH 099 with a grade of 2.0 or better, or instructor permission. Mandatory decimal grading.

Item 0849	SecE1	5 Credits	12:30pm-2:50pm
MW		Rm2703	Basham, E

*Additional fees: \$10.00 plus \$1.00/credit.

ENGR 204**ELECTRICAL CIRCUITS**

Introduction to basic circuit and systems concepts. Development of mathematical models of components including resistors, sources, capacitors, inductors, operational amplifiers and transistors. Solution of first and second order linear differential equations associated with basic circuit forms. Steady state sinusoidal excitation and phasors. Prerequisite: PHYS& 222 or ENGR 102, and MATH 207, with grades of 2.0 or better. Mandatory decimal grading.

Item 0857	SecE1	6 Credits	3:30pm-6:20pm
MW		Rm1305	Staff

Meets with ENGR 102. *Additional fees: \$10.00 plus \$1.00/credit.

ENGR& 215**DYNAMICS**

A general treatment of the dynamics of particles and rigid bodies using vectors; kinematics, kinetics, momentum and energy principles for particles and rigid bodies; use of total acceleration equation. Prerequisite: PHYS& 221, ENGR& 214 and MATH& 163 with grades of 2.0 or better. (MATH& 163 may be taken concurrently.) Mandatory decimal grading.

Item 0859	SecY1	5 Credits	12:30pm-1:50pm
TTh	HYBRID	Rm2516	Armstrong, A

*Additional fees: \$10.00 plus \$7.00/credit.

ENGR 240**APPLIED NUMERICAL METHODS**

Numerical solutions to problems in engineering and science using modern scientific computing tools. Application of mathematical judgment in selecting computational algorithms and communicating results. Introduction to MATLAB programming for numerical computation. Prerequisite: CS 121 or CS& 141 or ENGR 202 with 2.0 or better and MATH 207 with 2.0 or better (may be taken concurrently). MATH 208 strongly recommended. Mandatory decimal grading.

Item 0851	SecY1	5 Credits	10:30am-11:20am
MTTh	HYBRID	Rm1401	Basham, E

*Additional fees: \$10.00 plus \$7.00/credit.

ENGLISH**ENGL 089****LEARNING STUDIO**

Students work on level-appropriate assignments to develop vocabulary, study strategies, and/or reading comprehension using The Writing & Learning Studio resources. Possible topics: memory, note-taking, learning from textbooks, English word study, critical reading skills. For students in all disciplines. 20 hours attendance for each credit. Prerequisite: Non-native English speakers must be above ESL Level 4. Mandatory P/NC grading.

Item 0765	Sec01	3 Credits	ARR
		Rm4301	Sharp, K

Variable credit course. Register for the number of credits desired.

ENGL 090**READING AND WRITING IN THE ACADEMIC SUBJECTS**

Students develop abilities for successful reading, writing and learning in college. They learn how knowledge and information are organized in college and how to improve achievement across disciplines. Students explore academic/career goals. Usually offered in conjunction with Study Skills 100 for a total of 10 credits. Prerequisite: Completion of ENGL 080 or equivalent with a 2.0 or better, or placement into ENGL 090, or instructor permission. Student option grading.

Item 0767	SecY1	5 Credits	10:30am-12:20pm
MTWTh	HYBRID	Rm1713	Dusenberry

Meets with 0029, 0037, 0099, 0107, 1937. *Additional fees: \$7.00/credit.

ENGL 098**WRITING STUDIO**

Students work on level-appropriate writing activities for academic professional, or personal enhancement using The Writing & Learning Studio resources. Possible activities: essays, research papers, resumes, personal statements, grammar, spelling, punctuation. Useful for students in all disciplines. Each credit requires 20 hours attendance. Previously ENGL 099. Prerequisite: Non-native English speakers must be above ESL Level 4. Mandatory P/NC grading.

Item 0769	Sec01	3 Credits	ARR
		Rm4301	Sharp, K

Variable credit course. Register for the number of credits desired.

ENGL 099**ANALYTICAL READING AND WRITING**

Students develop analytical reading, writing, and thinking skills necessary for writing college-level essays. Previously ENGL 100. Prerequisite: Completion of ENGL 090 or equivalent with a 2.0 or better, or placement into ENGL 099, or instructor permission. Student option grading.

Item 0773	SecY3	5 Credits	9:30am-10:20am
MTTh	Hybrid	Rm1725	Henry, G

9:30am-10:20am

W
Meets with 0805. *Additional fees: \$7.00/credit.

Item 0771	SecY1	5 Credits	11:30am-12:20pm
TTh	Hybrid	Rm2946	Parks, G

Meets with 0811. *Additional fees: \$7.00/credit.

ENGL& 101**ENGLISH COMPOSITION I**

Students write essays that display focus, organization, appropriate style, and technical control. They develop skills in critical thinking and close reading of texts and respond in writing and discussion to assigned topics. Prerequisite: Completion of EAP 099, ENGL 099 or equivalent with a 2.0 or better, or placement into ENGL& 101, or instructor permission. Student option grading.

Item 0787	SecE2	5 Credits	8:30am-9:20am
MTWTh		Rm1727	Staff
<i>*Additional fees: \$1.00/credit.</i>			
Item 0799	SecY1	5 Credits	8:30am-9:20am
MTWTh	Hybrid	Rm1101	Rody, S
<i>*Additional fees: \$7.00/credit.</i>			
Item 0805	SecY3	5 Credits	9:30am-10:20am
MTTh	HYBRID	Rm1725	Henry, G
			9:30am-10:20am
		Rm1302	
<i>Meets with 0773. *Additional fees: \$7.00/credit.</i>			
Item 0807	SecY5	5 Credits	10:30am-11:20am
MTWTh	HYBRID	Rm2946	Staff
<i>*Additional fees: \$7.00/credit.</i>			
Item 0809	SecY6	5 Credits	10:30am-11:20am
MTWTh	HYBRID	Rm2059	Hunt, K
<i>*Additional fees: \$7.00/credit..</i>			
Item 0811	SecY8	5 Credits	11:30am-12:20pm
TTh	HYBRID	Rm2946	Parks, G
<i>Meets with 0771. *Additional fees: \$7.00/credit.</i>			
Item 0801	SecY10	5 Credits	12:30pm-2:20pm
MW		Rm1726	Staff
<i>*Additional fees: \$7.00/credit.</i>			
Item 0803	SecY11	5 Credits	12:30pm-2:20pm
TTh	HYBRID	Rm2946	Parks, G
<i>*Additional fees: \$7.00/credit.</i>			
Item 0791	SecN1	5 Credits	ARR
ONLINE			Dusenberry
<i>*Additional fees: \$7.50/credit.</i>			
Item 0793	SecN2	5 Credits	ARR
ONLINE			Henry, G
<i>*Additional fees: \$7.50/credit.</i>			
Item 0795	SecN3	5 Credits	ARR
ONLINE			Staff
<i>*Additional fees: \$7.50/credit.</i>			
Item 0797	SecN4	5 Credits	ARR
ONLINE			Staff
<i>*Additional fees: \$7.50/credit.</i>			

Evening Classes

Item 0789	SecE3	5 Credits	3:30pm-5:20pm
MW		Rm1801	Staff
<i>*Additional fees: \$1.00/credit.</i>			

ENGL& 102**COMPOSITION II: REASONING/RESEARCH/WRITING**

Students write research essays on various topics. Using both traditional and new information technologies, they develop skills as researchers, critical thinkers and writers of documented analysis and argumentation. Prerequisite: Completion of ENGL& 101 with a grade of 2.0 or better. Student option grading.

Item 0827	SecY1	5 Credits	8:30am-9:20am
MTTh	HYBRID	Rm2946	Staff
			8:30am-9:20am
		Rm1302	
<i>*Additional fees: \$7.00/credit.</i>			
Item 0829	SecY2	5 Credits	9:30am-10:20am
MTWTh	Hybrid	Rm1727	Rody, S
<i>*Additional fees: \$7.00/credit.</i>			
Item 0831	SecY3	5 Credits	10:30am-11:20am
MTWTh	Hybrid	Rm1727	Staff
<i>*Additional fees: \$7.00/credit.</i>			

Item 0833	SecY4	5 Credits	10:30am-11:20am
MTWTh	Hybrid	Rm1726	Staff
<i>*Additional fees: \$7.00/credit.</i>			
Item 0837	SecY6	5 Credits	10:30am-11:20am
MTWTh	Hybrid	Rm1725	Rody, S
<i>*Additional fees: \$7.00/credit.</i>			
Item 0835	SecY5	5 Credits	11:30am-12:20pm
MTWTh	Hybrid	Rm1103	Staff
<i>*Additional fees: \$7.00/credit.</i>			
Item 0839	SecY8	5 Credits	11:30am-12:20pm
MTWTh	Hybrid	Rm1725	Staff
<i>*Additional fees: \$7.00/credit.</i>			
Item 0813	SecE1	5 Credits	12:30pm-2:50pm
T		Rm1726	Idiart, J
			12:30pm-2:50pm
		Rm1305	
<i>*Additional fees: \$1.00/credit.</i>			
Item 0815	SecE2	5 Credits	12:30pm-2:50pm
MW		Rm1725	Oldham, D
<i>*Additional fees: \$1.00/credit.</i>			
Item 0841	SecE9	5 Credits	12:30pm-2:50pm
MW		Rm1103	Staff
<i>*Additional fees: \$1.00/credit.</i>			
Item 0819	SecN1	5 Credits	ARR
ONLINE			Staff
<i>*Additional fees: \$7.50/credit.</i>			
Item 0821	SecN2	5 Credits	ARR
ONLINE			Staff
<i>*Additional fees: \$7.50/credit.</i>			
Item 0823	SecN3	5 Credits	ARR
ONLINE			Staff
<i>*Additional fees: \$7.50/credit.</i>			
Item 0825	SecN4	5 Credits	ARR
ONLINE			Henry, G
<i>*Additional fees: \$7.50/credit.</i>			
Evening Class			
Item 0817	SecN4	5 Credits	6:30pm-8:50pm
TTh		Rm1503	Staff
<i>*Additional fees: \$1.00/credit.</i>			

ENGL& 112**INTRODUCTION TO FICTION**

Students explore techniques of fiction and analyze fictional genres, including short stories and novels from various cultures and time periods, representing multiple perspectives of the human experience. Prerequisite: Completion of ENGL 099 or EAP 099 with 2.0 or higher, or placement into ENGL& 101. Student option grading.

Crossing Borders: Exploring Cultures, Identity and Power

Item 4504	SecID4	5 Credits	10:30am-12:20pm
MTWTh		Rm2926	Idiart, J
<i>Meets with 3004, 3005, 4504. CMST&101+ENGL&112, 112W, 295, or 295W. Students will explore the theme of crossing borders by looking at culture, identity, and power through communication concepts and fiction.</i>			
<i>*Additional fees: \$7.00/credit.</i>			

ENGL& 112W**INTRODUCTION TO FICTION**

Students explore techniques of fiction and analyze fictional genres, including short stories and novels from various cultures and time periods, representing multiple perspectives of the human experience. Prerequisite: Completion of ENGL 099 or EAP 099 with 2.0 or higher, or placement into ENGL& 101. Student option grading.

Crossing Borders: Exploring Culture, Identity and Power

Item 4504	SecID4	5 Credits	10:30am-12:20pm
MTWTh		Rm2926	Idiart, J
<i>Meets with 0775, 3004, 4504, CMST&101+ENGL&112, 112W, 295, 295W. Students will explore the theme of crossing borders by looking at culture, identity and power through communication concepts and fiction. 'W' following the course number indicates the class satisfies UW writing requirement. Extensive writing requirement. *Additional fees: \$7.00/credit.</i>			

ENGL 279**WRITING FOR NEW MEDIA**

Students write for various purposes in electronic media such as websites, social networking forums, video games, blogs, wikis, webisodes, and others. Students explore organization, style, differences among media, audience analysis, writing for a multimedia environment, and collaborative writing. Specific content varies. Prerequisite: ENGL 099 or EAP 099 or placement into ENGL& 101, or writing portfolio with instructor permission. Basic familiarity with computers, the Internet, and word-processing software. Student option grading.

Item 0777	SecN1	5 Credits	ARR
ONLINE			Staff

*Additional fees: \$7.50/credit.

ENGL 281**BEGINNING SHORT STORY WRITING I**

Students will explore and write short fiction using plot, character, atmosphere, point of view, symbolism, metaphor, and theme. Using various narrative strategies, they will write and workshop various fictional pieces. They will identify the strengths and limitations of various storytelling media. Prerequisite: ENGL& 101. Student option grading.

Item 3000	SecY1	5 Credits	12:30pm-2:50pm
W	HYBRID	Rm1503	Parks, G

Meets with 3001. *Additional fees: \$7.00/credit.

ENGL 282**BEGINNING SHORT STORY WRITING II**

Continues the work of ENGL 281: Students explore and write short fiction using plot, character, atmosphere, point of view, symbolism, metaphor, and theme. Using various narrative strategies, they write and workshop various fictional pieces. They identify the strengths and limitations of various storytelling media. Prerequisite: ENGL 281. Student option grading.

Item 3001	SecY1	5 Credits	12:30pm-2:50pm
W	HYBRID	Rm1503	Parks, G

Meets with 3000. *Additional fees: \$7.00/credit.

ENGL 295**CROSSING BORDERS: EXPLORING CULTURE, IDENTITY AND POWER**

CMST&101+ENGL&112 or 112W or ENGL 295 or ENGL 295W. Students will explore the theme of crossing borders by looking at culture, identity, and power through communication concepts and fiction.

Crossing Borders: Exploring Culture, Identity and Power

Item 4504	SecID4	5 Credits	10:30am-12:20pm
MTWTh		Rm2926	Idiart, J

CMST&101+ENGL&112 or 112W or ENGL 295 or ENGL 295W. Students will explore the theme of crossing borders by looking at culture, identity, and power through communication concepts and fiction. *Additional fees: \$7.00/credit.

ENGL 295W**SPECIAL TOPICS IN ENGLISH-W**

Classes focus on specific issues and/or topics of interest in English.

Crossing Borders: Exploring Culture, Identity and Power

Item 4504	SecID4	5 Credits	10:30am-12:20pm
MTWTh		Rm2926	Idiart, J

CMST&101+ENGL&112 or 112W or ENGL 295 or ENGL 295W. Students will explore the theme of crossing borders by looking at culture, identity, and power through communication concepts and fiction. *W following the course number indicates the class satisfies UW writing requirement. Extensive writing required. *Additional fees: \$7.00/credit.

ENGLISH FOR ACADEMIC PURPOSES - ABE**EAPAB 090****ENGLISH FOR ACADEMIC PURPOSES B**

Students prepare for academic coursework, with emphasis on content-based reading and writing for academic purposes, including essays, reports, summaries, and short-answer responses. Students read pre-college level materials, with a focus on academic vocabulary. Prerequisite: Completion of ESLAB 060 with Pass or 2.0 or better, or placement on the Shoreline Advanced ESL placement test. Student option grading.

Item 0709	SecY1	10 Credits	8:30am-10:20am
MTWTh	HYBRID	Rm1812	Bretz, K
Meets with 0689.			
Item 0703	SecE1	10 Credits	10:30am-12:20pm
MTWTh		Rm858	Staff
Meets with 0685.			
Item 0707	SecE2	10 Credits	12:30pm-2:50pm
MTWTh		Rm3011	Staff
Meets with 0683.			

EAPAB 099**ENGLISH FOR ACADEMIC PURPOSES C**

Students prepare for further academic coursework, refining the skills necessary for ENGL& 101 and college courses. Emphasis is on content-based reading and writing for academic purposes. Students study more complex grammar and vocabulary and read increasingly complex introductory college-level materials. Previously ESL 099 and ESL 100. Prerequisite: Completion of EAPAB 090 with Pass or 2.0 or better, or placement on the Shoreline Advanced ESL placement test. Student option grading.

Item 0711	SecE1	5 Credits	9:30am-10:20am
DAILY		Rm858	Staff
Meets with 0695.			
Item 0715	SecE3	5 Credits	10:30am-11:20am
DAILY		Rm1524	Staff
Meets with 0699.			

ENGLISH FOR ACADEMIC PURPOSES**EAP 080****ENGLISH FOR ACADEMIC PURPOSES A**

Students gain skills necessary for success in college courses. Students progress from paragraph to basic essay writing. Students build skills in academic reading. Prerequisite: Successful completion of ESLAF 070 or appropriate placement on the advanced Shoreline ESL placement test. Student option grading.

Item 0673	SecE1	10 Credits	8:30am-10:20am
DAILY		Rm1801	Barnes, V
*Additional fees: \$1.00/credit.			
Item 0675	SecE2	10 Credits	12:30pm-2:50pm
MTWTh		Rm1715	Staff
*Additional fees: \$1.00/credit.			

EAP 090**ENGLISH FOR ACADEMIC PURPOSES B**

Students prepare for academic coursework, with emphasis on content-based reading and writing for academic purposes, including essays, reports, summaries, and short-answer responses. Students read pre-college level materials, with a focus on academic vocabulary. Previously ESL 090. Prerequisite: Successful completion of ESLAF 080, ESLAB 060, EAP 080, or placement on the Shoreline Advanced ESL placement test. Student option grading.

Item 0689	SecY1	10 Credits	8:30am-10:20am
MTWTh	HYBRID	Rm1812	Bretz, K
Meets with 0709. *Additional fees: \$1.00/credit.			
Item 0685	SecE3	10 Credits	10:30am-12:20pm
DAILY		Rm1801	Staff
Meets with 0703. *Additional fees: \$1.00/credit.			
Item 0683	SecE2	10 Credits	12:30pm-2:50pm
DAILY		Rm3011	Staff
Meets with 0707. *Additional fees: \$1.00/credit.			

EAP 095**ACADEMIC LISTENING AND SPEAKING**

ESL students improve their academic listening and speaking skills to help them succeed in college classes. Students listen to and take notes on lectures and use course topics to practice speaking skills required in academic settings. Students also develop a larger academic vocabulary. Prerequisites: Appropriate placement on the Advanced ESL placement test or concurrent enrollment in ESL level 5 or above. Student option grading.

Item 0691	SecE1	5 Credits	10:30am-11:20am
DAILY		Rm2162	Staff

*Additional fees: \$1.00/credit.

Item 0693	SecE3	5 Credits	11:30am-12:20pm
DAILY		Rm2059	Barnes, V

*Additional fees: \$1.00/credit.

EAP 099**ENGLISH FOR ACADEMIC PURPOSES C**

Students prepare for further academic coursework, refining the skills necessary for ENGL& 101 and college courses. Emphasis is on content-based reading and writing for academic purposes. Students study more complex grammar and vocabulary and read increasingly complex introductory college-level materials. Previously ESL 099 and ESL 100. Prerequisite: Successful completion of EAP 090 or appropriate placement on the Advanced Shoreline ESL placement test. Student option grading.

Item 0695	SecE1	5 Credits	9:30am-10:20am
DAILY		Rm858	Staff

Meets with 0711. *Additional fees: \$1.00/credit.

Item 0699	SecE2	5 Credits	10:30am-11:20am
DAILY		Rm1524	Staff

Meets with 0715. *Additional fees: \$1.00/credit.

ENVIRONMENTAL SCIENCE**ENVS& 101****INTRODUCTION TO ENVIRONMENTAL SCIENCE**

Examine natural cycles, ecosystems and other basic concepts of ecology. Study the issues of population, pollution and natural resources. The effects of economic, political and scientific decisions on us and our environment. Laboratory. Prerequisite: Recommended placement into ENGL& 101. Student option grading.

Item 863	SecY3	5 Credits	10:30am-12:20pm
Th	HYBRID	Rm2903	Loper, M

*Additional fees: \$15.00 plus \$7.00/credit.

Item 861	SecY2	5 Credits	12:30pm-2:20pm
W	HYBRID	Rm2903	Khandro, L

*Additional fees: \$15.00 plus \$7.00/credit.

ESL FOR COLLEGE CAREER**ESLC 010****ESL FOR COLLEGE AND CAREER 1**

ESLC 010 is the first of six courses that prepare students to use English in college and career by building reading, writing, listening, and speaking skills. Students will be able to provide personal information, describe daily routines, and identify job and job-related abilities. Prerequisite: Appropriate placement on the SCC ESL placement test. Mandatory P/NC grading.

Evening Class

Item 1019	Sec01	10 Credits	6:30pm-8:50pm
MTWTh		Rm1724	Staff

Variable credit course. Register for the number of credits desired.

ESLC 020**ESL FOR COLLEGE AND CAREER 2**

ESLC 020 is the second of six courses that prepare students to use English in college and career by building reading, writing, listening, and speaking skills. Students will be able to communicate about topics related to their everyday lives, and their personal, vocational, and academic goals. Prerequisite: Completion of ESLC 010 with Pass or appropriate placement on the Shoreline ESL placement test. Mandatory P/NC grading.

Evening Class

Item 1023	Sec01	10 Credits	6:30pm-8:50pm
MTWTh		Rm1725	Staff

Variable credit course. Register for the number of credits desired.

ESLC 030**ESL FOR COLLEGE AND CAREER 3**

ESLC 030 is the third of six courses that prepare students to use English in college and career by building reading, writing, listening, and speaking skills. Students will be able to communicate effectively about a range of topics related to their personal, vocational, and academic goals. Prerequisite: Completion of ESLC 020 with Pass or placement by Shoreline ESL test. Mandatory P/NC grading.

Evening Class

Item 1025	Sec01	10 Credits	6:30pm-8:50pm
MTWTh		Rm1715	Beckley, G

Variable credit course. Register for the number of credits desired.

ESLC 040**ESL FOR COLLEGE AND CAREER 4**

ESLC 040 is the fourth of six courses that prepare students to use English in college and career by building reading, writing, listening, and speaking skills. Students will be able to communicate effectively about topics related to their education, workplace, and community. Prerequisite: Completion of ESLC 030 with Pass or appropriate placement on the Shoreline ESL placement test. Mandatory P/NC grading.

Evening Class

Item 1029	Sec01	10 Credits	6:30pm-8:50pm
MTWTh		Rm801	Staff

Variable credit course. Register for the number of credits desired.

ESLC 050**ESL FOR COLLEGE AND CAREER 5**

ESLC 050 begins to prepare students to advance to pre-college courses and professional/technical training. Students read and listen to a range of texts in order to contribute ideas to discussions, develop opinions, and write paragraphs. Prerequisite: Completion of ESL 040 with Pass or appropriate placement on the Shoreline ESL placement test. Mandatory P/NC grading.

Evening Class

Item 1031	Sec01	10 Credits	6:30pm-8:50pm
MTWTh		Rm1812	Staff

Variable credit course. Register for the number of credits desired.

ESLC 060**ESL FOR COLLEGE AND CAREER 6**

ESLC 060 continues to build English skills students need to advance to college courses and professional/technical training. Students read and listen to a range of texts in order to contribute to discussions, develop opinions, and write essays. Prerequisite: Completion of ESLC 050 with Pass or appropriate placement on the Shoreline ESL placement test. Mandatory P/NC grading.

Evening Class

Item 1033	Sec01	10 Credits	6:30pm-8:50pm
MTWTh		Rm1727	Staff

Variable credit course. Register for the number of credits desired.

ESL/ABE**ESLAB 001****SPECIAL TOPICS IN ESL/ABE**

Classes focus on specific issues and/or topics of interest in ESLAB.

Item 0865	Sec01	1 Credit	ARR
		Rm1721	Gibson, J

Variable credit course. Register for the number of credits desired.

Item 0867	Sec02	1 Credit	ARR
		Rm1721	Staff

Variable credit course. Register for the number of credits desired.

ESLAB 006**ESL THROUGH TECHNOLOGY I**

Students work on level-appropriate language skills in 4 areas – speaking, listening, reading, writing - and learn basic computer-media technology. This class may be repeated for credit. Prerequisite: Placement into ESL levels one or two. Mandatory P/NC grading.

Item 0877	Sec01	3 Credits	ARR
		Rm1721	Staff

Variable credit course. Register for the number of credits desired.

Item 0879	Sec02	3 Credits	ARR
		Rm1721	Staff

Variable credit course. Register for the number of credits desired.

Item 0881	Sec03	3 Credits	ARR
		Rm1721	Staff

Variable credit course. Register for the number of credits desired.

Item 0883	Sec04	3 Credits	ARR
		Rm1721	Staff

Variable credit course. Register for the number of credits desired.

Item 0885	Sec05	3 Credits	ARR
		Rm1721	Staff

Variable credit course. Register for the number of credits desired.

Item 0887	Sec06	3 Credits	ARR
		Rm1721	Staff

Variable credit course. Register for the number of credits desired.

ESLAB 007**ESL THROUGH TECHNOLOGY II**

Students work on level-appropriate language skills in 4 areas – speaking, listening, reading, writing - and learn basic computer-media technology. This class may be repeated for credit. Prerequisite: Placement into level three, four, or five. Mandatory P/NC grading.

Item 0889	Sec01	3 Credits	ARR
		Rm1721	Staff

Variable credit course. Register for the number of credits desired.

Item 0891	Sec02	3 Credits	ARR
		Rm1721	Staff

Variable credit course. Register for the number of credits desired.

Item 0893	Sec03	3 Credits	ARR
		Rm1721	Staff

Variable credit course. Register for the number of credits desired.

Item 0895	Sec04	3 Credits	ARR
		Rm1721	Staff

Variable credit course. Register for the number of credits desired.

Item 0897	Sec05	3 Credits	ARR
		Rm1721	Staff

Variable credit course. Register for the number of credits desired.

Item 0899	Sec06	3 Credits	ARR
		Rm1721	Staff

Variable credit course. Register for the number of credits desired.

ESLAB 009**ESL LANGUAGE LAB**

A learning center for students enrolled in ESL Level 1 to 5. Students practice language skills under supervision of an ESL instructor. Students must attend 20 hours on a drop in basis. Mandatory P/NC grading.

Item 0903	Sec01	1 Credit	ARR
		Rm1721	Staff

ESLAB 010**INTEGRATED SKILLS IN ENGLISH 1**

Students will improve reading, writing and grammar in life skills contexts such as providing personal information, describing daily events, and identifying jobs and work-related abilities. Prerequisite: Appropriate placement on the CASAS and/or Shoreline ESL placement test. Mandatory P/NC grading.

Item 0907	Sec01	10 Credits	8:30am-10:20am
	DAILY	Rm5302	Genest, T

Meets with 0983.

ESLAB 015**LISTENING & SPEAKING IN ENGLISH 1**

Students improve listening and speaking to communicate in contexts such as personal information, schedules, jobs, and work-related abilities. Prerequisites: Appropriate placement on the CASAS and/or Shoreline ESL placement test. Mandatory P/NC grading.

Item 0909	Sec01	5 Credits	10:30am-11:20am
	DAILY	Rm5302	Hanson, E

Meets with 0985.

ESLAB 020**LISTENING & SPEAKING IN ENGLISH 2**

Students will improve their reading, writing and grammar for home, school, work and community with an emphasis on well-formed sentences. Prerequisites: Successful completion of the previous level or appropriate placement on the CASAS and/or Shoreline ESL placement test. Mandatory P/NC grading.

Item 0911	Sec01	10 Credits	8:30am-10:20am
	DAILY	Rm2150	Winters, A

Meets with 0989.

ESLAB 025**LISTENING & SPEAKING IN ENGLISH 2**

Students practice listening and speaking in the contexts of school, work, health, shopping, and places in the community. Prerequisites: Successful completion of the previous level or appropriate placement on the CASAS and/or Shoreline ESL placement test. Mandatory P/NC grading.

Item 0915	Sec01	5 Credits	10:30am-11:20am
	DAILY	Rm1812	Staff

Meets with 0993.

ESLAB 030**INTEGRATED SKILLS IN ENGLISH 3**

Students further develop their reading, writing, and grammar skills with an emphasis on writing basic paragraphs. Prerequisites: Successful completion of the previous level or appropriate placement on the CASAS and/or Shoreline ESL placement test. Mandatory P/NC grading.

Item 0921	SecE1	10 Credits	8:30am-10:20am
	DAILY	Rm1715	Fujita, L

Item 0923	SecE2	10 Credits	12:30pm-2:50pm
	MTWTh	Rm1501	Staff

Meets with 0995.

ESLAB 035**LISTENING & SPEAKING IN ENGLISH 3**

Students practice more complex listening and speaking tasks in job, school and daily-life situations. Students acquire basic conversational skills. Prerequisite: Successful completion of the previous level or appropriate placement on the CASAS and/or Shoreline ESL placement test. Mandatory P/NC grading.

Item 0927	SecE1	5 Credits	10:30am-11:20am
	DAILY	Rm1715	Duffy, R

Item 0929	SecE2	5 Credits	11:30am-12:20pm
	DAILY	Rm1812	Staff

Meets with 0999.

ESLAB 037**ESLAB LEVEL 3 I-DEA**

A 5 credit hybrid course providing additional technology, reading, writing, speaking, and listening instruction for students enrolled in ESLAB 030/035. Students develop language and technology skills under supervision of an ESL I-DEA Instructor. Prerequisite: Completion of ESLAB 020/025 or placement into ESLAB 030/035. Mandatory P/NC grading.

Item 0935	SecN1	5 Credits	ARR
	ONLINE		Bretz, K

Item 0937	SecN2	5 Credits	ARR
	ONLINE		Duffy, R

ESLAB 040**INTEGRATED SKILLS IN ENGLISH 4**

Students read about personal, social and cultural issues and write well-organized, detailed paragraphs using more advanced vocabulary and grammar. Students continue to develop life skills. Prerequisites: Successful completion of the previous level or appropriate placement on the CASAS and/or Shoreline ESL placement test. Mandatory P/NC grading.

Item 0941	SecE1	10 Credits	8:30am-10:20am
DAILY		Rm2202	Staff
Item 0943	SecE1	10 Credits	12:30pm-2:50pm
MTWTh		Rm1802	Winters, A

Meets with 1007.

ESLAB 045**LISTENING & SPEAKING IN ENGLISH 4**

Students continue to develop listening and speaking skills at an increasingly complex level. Students improve communication skills for everyday life and academic preparation. Prerequisites: Successful completion of the previous level or appropriate placement on the CASAS and/or Shoreline ESL placement test. Mandatory P/NC grading.

Item 0947	SecE1	5 Credits	10:30am-11:20am
DAILY		Rm2202	Gibson, J
Item 0949	SecE2	5 Credits	11:30am-12:20pm
DAILY		Rm1802	Staff

Meets with 1011.

ESLAB 050**INTEGRATED SKILLS IN ENGLISH 5**

Students read pre-college materials, build vocabulary, use more advanced grammar and write well-developed and connected paragraphs that combine personal with text-based information. Prerequisites: Successful completion of the previous level or appropriate placement on the CASAS and/or Shoreline ESL placement test. Mandatory P/NC grading.

Item 0953	SecE1	10 Credits	8:30am-10:20am
DAILY		Rm1501	Staff

ESLAB 055**LISTENING AND SPEAKING 5**

This course continues to emphasize listening and speaking at an increasingly complex level. Students improve skills relevant for everyday life and college preparation. They take notes on and discuss short lectures and passages of informal speech. Prerequisite: Successful completion of ESL 045, ESL placement into level 5, or instructor's permission. Mandatory P/NC Grading.

Item 0957	SecE1	5 Credits	10:30am-11:20am
DAILY		Rm1503	Smuidrins, D

ESLAB 058**FOCUS ON WRITING**

Students practice writing skills to help them succeed in ESL and college classes. Students learn to find and correct errors, review grammar points and mechanics, and write in a variety of contexts. Some emphasis on organization. Course may be repeated for credit. Prerequisite: Successful completion of ESL level 3 or placement into ESL level 4, 5, or 6. Mandatory P/NC grading.

Item 0961	SecY1	5 Credits	11:30am-12:20pm
MTWTh	HYBRID	Rm1503	McEntire, J

Meets with 1017.

ESLAB 060**INTEGRATED SKILLS IN ENGLISH 6**

In this integrated reading, writing and grammar course, students gain skills necessary to advance to college courses and professional/technical training. Students progress from paragraph to basic essay writing. Reading topics vary depending on textbooks and instructor and/or student choice. Prerequisites: Successful completion of ESL level 5 or appropriate placement on the CASAS and/or Shoreline ESL placement test. Mandatory P/NC grading.

Item 0967	SecY1	10 Credits	8:30am-10:20am
MTWTh	HYBRID	Rm1726	McEntire, J

ESLAF-INTERNATIONAL**ESLAF 006****ESL THROUGH TECHNOLOGY I-INTERNATIONAL**

Students work on level-appropriate language skills in 4 areas – speaking, listening, reading, writing - and learn basic computer-media technology. This class may be repeated for credit. Prerequisite: Placement into ESL levels one or two. Mandatory P/NC grading.

Item 0969	Sec01	3 Credits	ARR
		Rm1721	Staff

Variable credit course. Register for the number of credits desired.

ESLAF 007**ESL THROUGH TECHNOLOGY II-INTERNATIONAL**

Students work on level-appropriate language skills in 4 areas – speaking, listening, reading, writing - and learn basic computer-media technology. This class may be repeated for credit. Prerequisite: Placement into level three, four, or five.

Item 0971	Sec01	3 Credits	ARR
		Rm1721	Staff

Variable credit course. Register for the number of credits desired.

Item 0973	Sec02	3 Credits	ARR
		Rm1721	Staff

Variable credit course. Register for the number of credits desired.

Item 0975	Sec03	3 Credits	ARR
		Rm1721	Staff

Variable credit course. Register for the number of credits desired.

Item 0977	Sec04	3 Credits	ARR
		Rm1721	Staff

Variable credit course. Register for the number of credits desired.

Item 0979	Sec05	3 Credits	ARR
		Rm1721	Staff

Variable credit course. Register for the number of credits desired.

Item 0981	Sec06	3 Credits	ARR
		Rm1721	Staff

Variable credit course. Register for the number of credits desired.

ESLAF 010**INTEGRATED SKILLS IN ENGLISH 1-INTERNATIONAL**

Students will improve reading, writing and grammar in life skills contexts such as providing personal information, describing daily events, free-time activities and hobbies. Prerequisites: Appropriate placement on the Shoreline ESL placement test. Mandatory P/NC grading.

Item 0983	Sec01	10 Credits	8:30am-10:20am
DAILY		Rm5302	Genest, T

Meets with 0907.

ESLAF 015**LISTENING & SPEAKING IN ENGLISH 1-INTERNATIONAL**

Students improve listening and speaking to communicate in contexts such as personal information, schedules, free-time activities and hobbies. Prerequisites: Appropriate placement on the Shoreline ESL placement test. Mandatory P/NC grading.

Item 0985	Sec01	5 Credits	10:30am-11:20am
DAILY		Rm5302	Hanson, E

Meets with 0909.

ESLAF 020**INTEGRATED SKILLS IN ENGLISH 2-INTERNATIONAL**

Students will improve their reading, writing and grammar for home, school and community with an emphasis on well-formed sentences. Prerequisite: Successful completion of the previous level or appropriate placement on the Shoreline ESL placement test. Mandatory P/NC grading.

Item 0989	Sec02	10 Credits	8:30am-10:20am
DAILY		Rm2150	Staff

Meets with 0911.

ESLAF 025**LISTENING & SPEAKING IN ENGLISH 2 -INTERNATIONAL**

Students practice listening and speaking in the contexts of school, health, shopping, and places in the community. Prerequisites: Successful completion of the previous level or appropriate placement on the Shoreline ESL placement test. Mandatory P/NC grading.

Item 0993	Sec02	5 Credits	10:30am-11:20am
DAILY		Rm1812	Staff
<i>Meets with 0915.</i>			

ESLAF 050**FOUNDATIONS IN ESL A--INTEGRATED SKILLS**

Students write simple paragraphs on personal topics by combining basic vocabulary and grammar structures. Students read a variety of texts on personal subjects. Prerequisite: Appropriate placement on the Shoreline ESL placement test. Mandatory P/NC grading.

Item 0995	SecE1	10 Credits	12:30pm-2:50pm
MTWTh		Rm1811	Staff
<i>Meets with 0923. *Additional fees: \$1.00/credit.</i>			

ESLAF 051**FOUNDATIONS IN ESL A--SPEAKING/LISTENING**

Students practice speaking and listening skills within school, daily life and social situations. Students practice conversing and speaking clearly. Prerequisite: Appropriate placement on the Shoreline ESL placement test. Mandatory P/NC grading.

Item 0999	SecE2	5 Credits	11:30am-12:20pm
DAILY		Rm1812	Staff
<i>Meets with 0929. *Additional fees: \$1.00/credit.</i>			

ESLAF 060**FOUNDATIONS IN ESL B--INTEGRATED SKILLS**

Students write more complex paragraphs by combining expanded vocabulary and grammar structures. Students read a variety of pre-academic texts and materials. Prerequisite: Successful completion of ESLAF 050 or appropriate placement on the Shoreline ESL placement test. Mandatory P/NC grading.

Item 1007	SecE2	10 Credits	12:30pm-2:50pm
MTWTh		Rm1801	Staff
<i>Meets with 0943. *Additional fees: \$1.00/credit.</i>			

ESLAF 061**FOUNDATIONS IN ESL B--SPEAKING/LISTENING**

Students practice speaking and listening skills at an increasingly complex level. Students improve listening skills for everyday life as well as for college preparation and speak clearly enough to be understood by others. Prerequisite: Successful completion of ESLAF 051 or appropriate placement on the Shoreline ESL placement test. Mandatory P/NC grading.

Item 1011	SecE2	5 Credits	11:30am-12:20pm
DAILY		Rm1802	Staff
<i>Meets with 0949. *Additional fees: \$1.00/credit.</i>			

ESLAF 070**FOUNDATIONS IN ESL C--INTEGRATED SKILLS**

Students read pre-college materials, build vocabulary, use more advanced grammar and write developed paragraphs that combine personal with text-based information. Prerequisite: Successful completion of ESLAF 060 or appropriate placement on the Shoreline ESL placement test. Mandatory P/NC grading.

Item 1013	SecE1	10 Credits	8:30am-10:20am
DAILY		Rm2514A	Smuidrins, D
<i>*Additional fees: \$1.00/credit.</i>			
Item 1015	SecE2	10 Credits	12:30pm-2:50pm
MTWTh		Rm1812	Hanson, E
<i>*Additional fees: \$1.00/credit.</i>			

ESLAF 078**FOCUS ON WRITING**

Students practice writing skills to help them succeed in ESL and college classes. Students learn to find and correct errors, review grammar points and mechanics, and write in a variety of contexts. Some emphasis on organization. Course may be repeated for credit. Prerequisite: Successful completion of ESLAF level 050 or placement into ESLAF level 060, 070, or 080. Mandatory P/NC grading.

Item 1017	SecY1	5 Credits	11:30am-12:20pm
MTWTh	HYBRID	Rm1503	McEntire, J
<i>Meets with 0961. *Additional fees: \$7.00/credit.</i>			

FILM/VIDEO**FILM 210****PRODUCING AND MARKETING FOR INDEPENDENT FILM**

The study of independent film producing. Includes marketing, the fundamentals of pre-production, budgeting, fundraising techniques, contracts, hiring, working with crew and unions, leadership techniques, branding, and networking. Mandatory decimal grading.

Evening Class

Item 1035	SecE1	5 Credits	6:30pm-8:50pm
TTh		Rm1515	Montez, L
<i>*Additional fees: \$1.00/credit.</i>			

FILM 257**VIDEO PRODUCTION II**

This advanced video production course focuses more intensely on group collaboration, multi-camera digital filmmaking skills, and working with clients in a video production environment. Prior video production experience required. Prerequisite: FILM 255 or 256 with a 2.0 or better or instructor's permission. Student option grading.

Item 1037	SecE1	5 Credits	3:30pm-5:50pm
MW		Rm4107	Boustedt, K
<i>Meets with 1039. *Additional fees: \$57.50 plus \$1.00/credit.</i>			

FILM 258**CINEMATOGRAPHY AND SOUND RECORDING**

An advanced film course focusing on cinematography, lighting and sound. There is an emphasis on directing, grip and gaffing techniques, the aesthetics of camera work and dual-system sound recording. Prerequisite: FILM 255 or 256 or 257 or instructor's permission. Student option grading.

Item 1039	SecE1	5 Credits	3:30pm-5:50pm
MW		Rm4107	Boustedt, K
<i>Meets with 1037. There's an additional hour per week for lab time. *Additional fees: \$57.50 plus \$1.00/credit.</i>			

FILM 265**EDITING I**

Intro to video editing and the post-production process. Explores the historical and artistic development of editing, prevailing theoretical models, current/emerging technology, and techniques. Investigates post-production software (Media Composer, Final Cut Pro or Premiere, depending on quarter). Open to all levels. Course may be repeated. Prerequisite: Completion of MAC OS proficiency test or completion/concurrent enrollment in VCT 124 required or instructor's permission. VCT 125 recommended. Student option grading.

Item 1041	SecE1	5 Credits	3:30pm-5:50pm
TTh		Rm2010	Watt, G
<i>Meets with 2005. There's an additional hour per week for lab time. *Additional fees: \$57.50 plus \$1.00/credit.</i>			

FILM 285**SCREENWRITING**

An intensive seminar on the fundamentals of dramatic writing for the screen. This course focuses on key script elements: plot structure, character and scene development. Students will write multiple short screenplays over the course of the quarter. Open to all levels of screenwriting experience. Prerequisite: Placement in ENGL& 101 or instructor permission. Student option grading.

Item 1043	SecE1	5 Credits	12:30pm-2:50pm
MW		Rm1524	Boustedt, K
<i>*Additional fees: \$57.50 plus \$1.00/credit.</i>			

FILM 290**INDUSTRY EXPERIENCE IN FILM**

Application of digital filmmaking techniques and theories in an off-campus production environment. Site approval must be obtained by student. Course may be repeated. Student option grading.

Item 1045	Sec01	5 Credits	ARR
MW			Boustedt, K
<i>This class integrates service-learning. For more information, go to Service Learning page or: http://shoreline.edu/service-learning. *Additional fees: \$57.50 plus \$1.00/credit. Variable credit course. Register for the number of credits desired.</i>			

FRENCH**FRCH& 122****FRENCH II**

Continuation of FRCH& 121. Fast-paced interactive approach to learning French. Topics: near future, past tense, imperative, partitive article, prepositions. Vocabulary themes: travel, food, purchases, directions. Cultural studies continued. Completion of FRCH& 121 or equivalent with a grade of 2.0 or better. Student option grading.

Item 1055	SecN1	5 Credits	ARR
ONLINE			Goudarzi, V
<i>*Additional fees: \$7.00/credit.</i>			

FRCH& 123**FRENCH III**

Continuation of FRCH& 122. Fast-paced interactive approach to learning French. Topics: imperfect, comparison, reflexive verbs, object pronouns, other tenses. Communication themes: past narrations, requests, daily activities, history of France, select Francophone culture. Prerequisite: Completion of FRCH& 122 or equivalent with a grade of 2.0 or better. Student option grading.

Item 1059	SecY1	5 Credits	10:30am-11:20am
MTTh	HYBRID	Rm1811	Goudarzi, V
<i>*Additional fees: \$7.00/credit.</i>			

GENDER WOMEN'S STUDIES**GWS 215****WOMEN IN U.S. HISTORY**

Examines US history from pre-colonial times to the present from the perspectives of women of various racial, ethnic, religious, and socioeconomic backgrounds, and explores how women helped shape US history. Dual listed with HIST 215. Prerequisite: Either concurrent or successful completion of ENGL& 101 is recommended. Mandatory decimal grading.

Item 1079	SecN1	5 Credits	ARR
ONLINE			Kinsel, A
<i>Meets with HIST& 215, #1123, HIST& 215W, #1125, GWS 215W, #1081.</i>			
<i>*Additional fees: \$7.50/credit.</i>			

GWS 215W**WOMEN IN U.S. HISTORY**

Examines US history from pre-colonial times to the present from the perspectives of women of various racial, ethnic, religious, and socioeconomic backgrounds, and explores how women helped shape US history. Dual listed with HIST 215W. Prerequisite: Completion of ENGL& 101 or equivalent with 2.0 or better. Mandatory decimal grading.

Item 1081	SecN1	5 Credits	ARR
ONLINE			Kinsel, A
<i>Meets with HIST& 215, #1123, HIST& 215W, #1125, GWS 215, #1079. "W" following the course number indicates the class satisfies UW writing requirement. Extensive writing required. *Additional fees: \$7.50/credit.</i>			

GWS 284**GENDER, RACE AND CLASS**

This course explores the ways in which one's gender, race, class and sexual orientation affect access to, participation in, and treatment by a variety of social institutions. We study the legal system, education, and the media as well as actions to confront systems of oppression in the U.S. Student option grading.

Item 1083	SecY1	5 Credits	10:30am-11:20am
MTWTh	HYBRID	Rm1802	David, R
<i>*Additional fees: \$7.00/credit.</i>			

GWS 285**GENDER, VIOLENCE AND SOCIAL CHANGE**

Study of gendered violence, its history, current research and contemporary issues. Social, psychological, legal and political implications of abuse are considered. Areas of study include child abuse, rape, domestic violence and sexual harassment. Recommend ENGL& 101. Dual listed as CAST 285. Student option grading.

Item 1085	SecN1	5 Credits	ARR
ONLINE			David, R
<i>Meets with CAST 285, #0457. *Additional fees: \$7.50/credit.</i>			

GEOGRAPHY**GEOG& 100****INTRODUCTION TO GEOGRAPHY**

An introduction to the diverse field of geography. Introduction to physical and human geography with an emphasis on the nature and complexity of the human imprint on the Earth's surface. Survey of major topical issues studied by geographers including landforms, climate, population, culture, cities and government. Prerequisite: Placement in ENGL 099 or EAP 099 or successful completion of ENGL 090 or EAP 090. Student option grading.

Item 1071	SecN1	5 Credits	ARR
ONLINE			Dodd, C
<i>*Additional fees: \$7.50/credit.</i>			

GEOG 203**CARTOGRAPHY AND LANDFORMS**

An introduction to map use and landform analysis. Examines the dynamic processes behind Earth's surface features. Emphasizes the recognition of these features and their importance to humans. Topics including global, North American and local (Puget Sound) perspectives. A lab science distribution credit. Prerequisite: Placement in ENGL 099 or EAP 099 or successful completion of ENGL 090 or EAP 090. Student option grading.

Item 3002	SecE1	5 Credits	10:30am-11:20am
DAILY		Rm2920	Dodd, C
<i>*Additional fees: \$1.00/credit.</i>			

GEOG 204H**WEATHER/CLIMATE AND ECOSYSTEMS HC**

An introduction to Earth's atmosphere and ecosystems. Focus on atmospheric and biological patterns and processes and their measurement and representation. Topics include global, North American and local (Northwest and Puget Sound) perspectives including climate change. A lab science distribution credit. Prerequisite: Placement in ENGL 099 or EAP 099 or successful completion of ENGL 090 or EAP 090 with a 2.0 or better. Mandatory decimal grading.

Item 1063	SecHC1	5 Credits	8:30am-9:20am
MTWTh		Rm2920	Dodd, C
			8:30am-10:20am
F		Rm2920	
<i>*Additional fees: \$1.00/credit.</i>			

GEOLOGY**GEOL& 101****INTRODUCTION TO PHYSICAL GEOLOGY**

An introductory-level geology course with laboratory exploring the Earth's materials and major geologic processes including plate tectonics, earthquakes, volcanism and mountain building. Student option grading.

Item 1073 SecE1 5 Credits 12:30pm-2:20pm
MWF Rm2920 Giral, S

*Additional fees: \$25.00 plus \$1.00/credit.

Item 1075 SecN1 5 Credits ARR
ONLINE Agosta, E

*Additional fees: \$25.00 plus \$7.50/credit.

GEOL& 115**GEOLOGY OF NATIONAL PARKS**

An exploration of major geologic processes through the discovery of the origin of the landscapes and the study of the geologic history of America's National Parks. Course will include laboratory and one week-end field trip to a National Park of Washington State. Student option grading.

Item 1077 SecE1 5 Credits 11:30am-12:20pm
MTWTh Rm2920 Agosta, E

12:30pm-2:20pm

Th Rm2920

*Additional fees: \$40.00 plus \$1.00/credit.

HEALTH INFORMATION / INFORMATION MANAGEMENT**HIIM 134****MEDICAL TERMINOLOGY**

Study of word elements (prefixes, suffixes and roots), terms in anatomy and physiology, selected diseases, symptoms, procedures, x-ray and laboratory tests in common usage, and commonly used medical abbreviations. Accurate spelling, meaning of terms and word elements, and pronunciation. Prerequisite: Successful completion of ENGL 099 or EAP 099 or placement into ENGL& 101. Mandatory decimal grading.

Item 1087 SecN1 5 Credits ARR
ONLINE Lui, D/Meyer, M

Students need to purchase both the textbook and a new publisher's access code for this course. *Additional fees: \$7.50/credit.

HIIM 154**REVENUE CYCLE MANAGEMENT**

Overview of inpatient/outpatient health insurance plans, revenue cycle, health insurance claims, health insurance terminology, reimbursement methodologies for professional services, completion of billing forms, fraud and abuse/HIPPA issues, processing, various prospective payment systems. Prerequisite: Completion with a grade of 2.0 or higher of HIIM 172 or concurrent enrollment. HIIM advisor permission required. Mandatory decimal grading.

Item 1091 SecN1 5 Credits ARR
ONLINE Anderson, G/McKay, T

*Additional fees: \$7.50/credit.

Item 1093 SecN2 5 Credits ARR
ONLINE Anderson, G/McKay, T

*Additional fees: \$7.50/credit.

Item 1095 SecN3 5 Credits ARR
ONLINE Anderson, G/McKay, T

*Additional fees: \$7.50/credit.

HIIM 170**LEGAL ASPECTS OF HEALTH CARE**

An introduction to legal concepts, release of information standards, HIPAA requirements, confidentiality, privacy and security of data, court functions, and fraud/abuse issues. Prerequisite: Completion of ENGL& 101 or BTWRT 215 with a grade of 2.0 or higher. HIIM advisor permission required. Mandatory decimal grading.

Item 1097 SecN1 4 Credits ARR
ONLINE Anderson, G/Zeibak, S

*Additional fees: \$7.50/credit.

Item 1099 SecN2 4 Credits ARR
ONLINE Anderson, G/Zeibak, S

*Additional fees: \$7.50/credit.

HIIM 172**CPT CODING**

Instruction and practice in coding outpatient patient health records using CPT and HCPCS coding systems. Ethical and legal coding practices addressed. Reimbursement methodologies related to APCs and RBRVS identified. Prerequisite: Completion with a grade of 2.0 or higher - HIIM 171 or concurrent enrollment. HIIM advisor permission required. Mandatory decimal grading.

Item 1101 SecN1 5 Credits ARR
ONLINE Anderson, G/Lui, D

*Additional fees: \$7.50/credit.

Item 1103 SecN2 5 Credits ARR
ONLINE Anderson, G/Lui, D

*Additional fees: \$7.50/credit.

HIIM 180**INTRO TO REIMBURSEMENT AND CODING**

Introduction to reimbursement and coding. Instruction and practice with ICD-10CM, ICD-10-PCS, and CPT coding including its relationship to health data. Ethical and legal practices addressed. Prerequisite: Completion of ENGL& 101 or BTWRT 215 and BIOL& 170 with a grade of 2.0 or higher. HIIM advisor permission required. Mandatory decimal grading.

Item 1105 SecN1 3 Credits ARR
ONLINE Anderson, G

*Additional fees: \$7.50/credit.

HIIM 224**MANAGEMENT FOR HEALTH INFORMATION SUPERVISORS**

Introduction to supervision with emphasis on the application of management principles in the Health Information Management (HIM) Department. Course topics include management functions, leadership, budget preparation, employee training, and the legal aspects of supervision. Prerequisite: Completion with a grade of 2.0 or higher in HIIM 170, HIIM 219, HIIM 225, and HIIM 220. HIIM advisor permission required. Mandatory decimal grading.

Item 1107 SecN1 5 Credits ARR
ONLINE Meyer, M/Hillinger, B

*Additional fees: \$7.50/credit

HIIM 235**HEALTH INFORMATION MANAGEMENT PROJECTS**

Student teams research, develop, and present plans for a new clinic health information department including timeline, department staffing, job descriptions, role-based EHR access, policies and procedures, privacy/security training, copier proposal, coding proposal, and data management plan. Prerequisite: Completion with a grade of 2.0 or higher or concurrent enrollment in all courses required in the HIT program. HIM advisor permission required. Mandatory decimal grading.

Item 1109 SecN1 4 Credits ARR
ONLINE Zeibak, S

*Additional fees: \$7.50/credit

HIIM 238**HEALTH DATA MANAGEMENT**

A foundational overview of health data management. Topics covered include healthcare data sources and uses; applications for organizing, analyzing data, and presenting data; as well as practice using these applications. Prerequisite: HIIM 154, 171, 172, 219, 225; BUSTC 150 Excel or equivalent, and HIIM advisor permission required. Mandatory decimal grading.

Item 1111	SecN1	5 Credits	ARR
ONLINE			Meyer, M

*Additional fees: \$7.50/credit

HISTORY**HIST& 118****WESTERN CIVILIZATION III: THE MODERN WORLD**

Survey of the modern era examining the Industrial Revolution, the development of modern ideologies and imperialism, the World Wars, Cold War, and contemporary global economic, cultural, social, and political institutions. Prerequisite: ENGL& 101 with a 2.0 or better is recommended (may be taken concurrently). Mandatory decimal grading.

Item 1115	SecY1	5 Credits	9:30am-10:20am
MTWTh	HYBRID	Rm1813	Taylor, T

*Additional fees: \$7.00/credit.

HIST& 136**U.S. HISTORY 1: TO 1877**

Chronological and thematic study of U.S. history from Early America to Reconstruction emphasizing its cultural, diplomatic, economic, political, and social elements. Prerequisite: ENGL& 101 with a 2.0 or better is recommended (may be taken concurrently). Mandatory decimal grading.

Item 1117	SecN1	5 Credits	ARR
ONLINE			Jordan-Zirkel

*Additional fees: \$7.50/credit.

HIST& 137**U.S. HISTORY 2: FROM 1877**

A chronological and thematic study of U.S. history from the end of Reconstruction to the present with emphasis on its cultural, diplomatic, economic, political, and social elements. Prerequisite: ENGL& 101 with a 2.0 or better is recommended (may be taken concurrently). Mandatory decimal grading.

Item 1119	SecE1	5 Credits	12:30pm-2:50pm
TTh		Rm1805	Esch, T

*Additional fees: \$1.00/credit.

HIST& 215**WOMEN IN U.S. HISTORY**

Survey of U.S. history from pre-colonial times to the present from the perspectives of women of various racial, ethnic, religious, and socioeconomic backgrounds, and explores how women helped shape U.S. history. Dual listed with GWS 215. Prerequisite: ENGL& 101 with a 2.0 or better is recommended (may be taken concurrently). Mandatory decimal grading.

Item 1123	SecN1	5 Credits	ARR
ONLINE			Kinsel, A

Meets with HIST& 215W, #1125, GWS 215, #1079, GWS 215W, #1081.

*Additional fees: \$7.50/credit.

HIST& 215W**WOMEN IN U.S. HISTORY**

Survey of U.S. history from pre-colonial times to the present from the perspectives of women of various racial, ethnic, religious, and socioeconomic backgrounds, and explores how women helped shape U.S. history. Dual listed with GWS 215W. Prerequisite: Completion of ENGL& 101 or equivalent with a 2.0 or better. Mandatory decimal grading.

Item 1125	SecN1	5 Credits	ARR
ONLINE			Kinsel, A

Meets with 215W, #1081. 'W' following the course number indicates the class satisfies UW writing requirement. Extensive writing required. *Additional fees: \$7.50/credit.

HIST 245**HISTORY OF AMERICAN IMMIGRATION**

Multicultural study of immigration to the United States from the era of colonization to the present. Examination of the process of immigration and adaptation to life in the U.S., as well as reaction to immigrants by native-born Americans. Focus includes Asian, European, Latin American, and African immigrants. Prerequisite: ENGL& 101 with a 2.0 or better is recommended (may be taken concurrently). Mandatory decimal grading.

Item 1113	SecY1	5 Credits	12:30pm-2:20pm
MW	HYBRID	Rm1724	Kinsel, A

*Additional fees: \$7.00/credit.

HONORS**CHEM 173H****GENERAL-INORGANIC CHEMISTRY III HC**

Third course of three quarters of Gen. Chem. for science and engineering majors. Topics include Kinetics, chemical equilibrium, acids and bases, buffers, solubility and complex ion equilibrium, entropy, Gibbs energy, electrochemistry & transition metals. Course includes lecture and seminar. Concurrent enrollment in CHEM 183. Prerequisite: CHEM 172/182, ENGL& 101 and MATH& 141 with grades of 2.0 or better or Instructor permission. Mandatory decimal grading.

Item 0473	SecHC1	4 Credits	10:30am-11:20am
TWTh		Rm2712	Ting, G
			11:30am-12:20pm

F Rm2703

Meets with CHEM 173.E1, #0469 and CHEM 173.E2, #0471 for lecture. TO HOLD YOUR PLACE IN CLASS YOU MUST REGISTER FOR BOTH CHEM 173 & CHEM 183. *Additional fees: \$1.00/credit.

GEOG 204H**WEATHER/CLIMATE AND ECOSYSTEMS HC**

An introduction to Earth's atmosphere and ecosystems. Focus on atmospheric and biological patterns and processes and their measurement and representation. Topics include global, North American and local (Northwest and Puget Sound) perspectives including climate change. A lab science distribution credit. Prerequisite: Placement in ENGL 099 or EAP 099 or successful completion of ENGL 090 or EAP 090 with a 2.0 or better. Mandatory decimal grading.

Item 1063	SecHC1	5 Credits	8:30am-9:20am
MTWTh		Rm2920	Dodd, C
			8:30am-10:20am
F		Rm2920	

*Additional fees: \$1.00/credit.

HNRS 296**HONORS CAPSTONE**

Course designed around a common issue or theme. Students complete and present individual honors thesis projects. Prerequisite: HNRS 250. Mandatory decimal grading.

Item 1127	SecHC1	2 Credits	1:00pm-2:50pm
W		Rm1813	Taylor, T/ Zimmers, B

*Additional fees: \$7.00/credit.

MCS 105H**INTRODUCTION TO MULTICULTURAL STUDIES HC**

Students will develop a personal and historical understanding of issues related to race, social class, gender, sexual orientation, disabilities & culture; and how these issues are used in the distribution of power and privilege in the U.S. Prerequisite: ENGL 099 with a 2.0 or better or placement into ENGL& 101. Mandatory decimal grading.

Item 1301	SecHC1	5 Credits	9:30am-10:20am
TThF		Rm2931	Johnson, E

*Additional fees: \$7.00/credit.

HUMAN DEVELOPMENT

HUMDV 101

COLLEGE ORIENTATION AND SUCCESS

Develop skills important to success in college including goal setting, time management, stress reduction, study skills, academic and career planning. Mandatory P/NC grading.

Item 1139 SecN1 2 Credits ARR
 ONLINE Hoffman-Robi
 *Additional fees: \$7.50/credit. Variable credit course. Register for the number of credits desired. Start Date: 4/20/20. End Date: 6/15/20.

HUMDV 105

CAREER EXPLORATION AND LIFE PLANNING

Identify your unique personality type, interests, values and strengths as related to career development and life planning. Explore various career and educational pathways that match your personal and professional goals. Be the architect of your future. Prerequisite: Placement into ENGL 099 or EAP 099. Mandatory P/NC grading.

Item 1141 SecN1 2 Credits ARR
 ONLINE Copeland, S
 *Additional fees: \$40.00 plus \$7.50/credit. Start Date: 4/20/20. End Date: 6/15/20.

HUMDV 130

STRESS MANAGEMENT

Provide students with an understanding of the effects of stress on health, happiness and performance. Examine personal stressors and stress reduction skills. Mandatory P/NC grading.

Item 1143 SecN1 2 Credits ARR
 ONLINE Hoffman-Robi
 *Additional fees: \$7.50/credit. Start Date: 4/20/20. End Date: 6/15/20.

Item 1145 SecN2 2 Credits ARR
 ONLINE Hoffman-Rob
 *Additional fees: \$7.50/credit.

HUMDV 140

IMPROVING RELATIONSHIPS

Designed to help students communicate effectively with those close to them. Explore communication skills that enrich relationships. Mandatory P/NC grading.

Item 1147 SecN1 2 Credits ARR
 ONLINE Copeland, S
 *Additional fees: \$7.50/credit. Start Date: 4/20/20. End Date: 6/15/20.

HUMANITIES

HUM 105

MULTICULTURAL STUDIES THROUGH ARTS & HUMANITIES

Students explore the ways in which gender, race, class and sexual orientation have been represented in and defined by the visual arts and Humanities. Students deconstruct historical and current images and examine how these images have impacted individuals' access or denial to power, privilege and self-definition. Prerequisite: Successful completion of ENGL 099 or EAP 099 or placement into ENGL& 101. Mandatory decimal grading.

Item 1133 SecY1 5 Credits 8:30am-9:20am
 MTWTh HYBRID Rm2059 Hunt, K
 *Additional fees: \$7.00/credit.

Item 1131 SecN1 5 Credits ARR
 ONLINE Hunt, K
 *Additional fees: \$7.50/credit.

HUM 113

EXPLORING CULTURE: CHANGING WORLD ORDER

Explores art, music, literature, religion as Western cultures move through social/historical changes in the 19th-21st centuries. Searches for individual/social identity in the collision of science/technology, relativism, internationalism, political polarization and new philosophies on human nature/personal responsibility. Mandatory decimal grading.

Item 1135 SecN1 5 Credits ARR
 ONLINE Hunt, K
 *Additional fees: \$7.50/credit.

INTERNATIONAL STUDIES

INTST 201

INTRODUCTION TO INTERNATIONAL POLITICAL ECONOMY

Are you concerned about human rights, world hunger and poverty, terrorism, world environmental degradation, regional conflict, the WTO, economic, political and social globalization? All these issues converge in something called the international political economy. Examine these issues as they evolved in the international arena since WWI. Prerequisite: ENGL& 101 or equivalent test scores. Mandatory decimal grading.

Item 1169 SecID1 5 Credits 11:30am-12:20pm
 DAILY Rm1724 Payne, T/Dodd, C
 *Additional fees: \$1.00/credit. Also listed as IDS 103.

INTERDISCIPLINARY STUDIES

IDS 103

INTRODUCTION TO INTERNATIONAL POLITICAL ECONOMY

Are you concerned about human rights, world hunger and poverty, terrorism, world environmental degradation, regional conflict, the WTO, economic, political and social globalization? All these issues converge in something called the international political economy. Examine these issues as they evolved in the international arena since WWI. Prerequisite: ENGL& 101 or equivalent test scores. Mandatory decimal grading.

Item 1169 SecID1 5 Credits 11:30am-12:20pm
 DAILY Rm1724 Payne, T/Dodd, C
 *Additional fees: \$1.00/credit. Also listed as INTST 201.

IDS 104

CROSSING BORDERS: EXPLORING CULTURE, IDENTITY AND POWER

CMST&101 + ENGL&112, ENGL&112W ENGL295 or ENGL295W. Students will explore the theme of crossing borders by looking at culture, identity, and power. Using communication concepts and fiction, students will discover the intersections of borders and border crossing in their own lives.

Item 4504 SecID2 10 Credits 10:30am-12:20pm
 MTWTh Rm2926 Idiart, J/Esquibel, E
 Meets with ENGL& 112, #0775, CMST& 101, #3004, ENGL& 112W, #3005. *Additional fees: \$7.00/credit.

JAPANESE

JAPN& 122

JAPANESE II

Continuation of JAPN& 121 with more vocabulary, more sentence structures, communication strategies. Katakana and kanji characters introduced. Topics: shopping, directions, activities, hobbies, likes and dislikes. Prerequisite: Completion of JAPN& 121 or equivalent with a grade of 2.0 or better. Student option grading.

Item 1171 SecY1 5 Credits 9:30am-10:20am
 MTWTh Hybrid Rm1803 Steinmetz, M
 *Additional fees: \$7.00/credit.

JAPN& 123**JAPANESE III**

Continuation of JAPN& 122 with more vocabulary, more complicated sentence structures, continued work on Kanji characters. Topics: Japanese food, restaurant, family, weather, seasons, and annual events. Prerequisite: Completion of JAPN& 122 or equivalent with a grade of 2.0 or better. Student option grading.

Item 1173	SecY1	5 Credits	10:30am-11:20am
MTWTh	Hybrid	Rm1803	Steinmetz, M

*Additional fees: \$7.00/credit.

JAPN& 223**JAPANESE VI**

A continuation of JAPN& 222, taught in communicative approach, continued work on Kanji characters and speech styles based on social status, gender, age, and regional background. Topics: gift exchange, employment in Japan, neighborhood relations, complaints, social expectations, and environmental issues. Prerequisite: Completion of JAPN& 222 or equivalent with grade of 2.0 or better. Student option grading.

Item 1175	SecY1	5 Credits	11:30am-12:20pm
MTWTh	Hybrid	Rm1803	Steinmetz, M

*Additional fees: \$7.00/credit.

MANUFACTURING TECHNOLOGY**MFGT 105****BASIC MANUFACTURING**

This course is an introduction to machining using lecture, online and hands-on classroom experience. It is first in a two quarter certificate. Mandatory decimal grading.

Item 1317	SecB1	20 Credits	9:00am-3:00pm
MTWTh		Rm2502B	Smith, K/ Lindberg, C

*This manufacturing class shares the lecture room and shop with all sections of all manufacturing classes. *Additional fees: \$178.00 plus \$1.00/credit.*

Evening Classes

Item 1321	SecB4	20 Credits	5:00pm-9:00pm
F		Rm2502B	Perrault, J
			8:00am-5:00pm
SaSu		Rm2502B	Smith, J

*This manufacturing class shares the lecture room and shop with all sections of all manufacturing classes. *Additional fees: \$178.00 plus \$1.00/credit.*

MFGT 106**INTERMEDIATE MANUFACTURING**

This BEGINNING program prepares individuals as CNC Machinists. Instruction covers programming, set-up and operation of Okuma CNC machining and turning centers, blueprint reading, math, machine tool theory, CMM inspection, surface plate techniques, and Lean Mfg. Prerequisite: Successful completion of MFGT 105 with a 2.0 grade or better. Mandatory decimal grading.

Item 1329	SecB1	20 Credits	9:00am-3:00pm
MTWTh		Rm2502B	Smith, K/ Lindberg, C

*This manufacturing class shares the lecture room and shop with all sections of all manufacturing classes. *Additional fees: \$178.00 plus \$1.00/credit.*

Evening Classes

Item 1333	SecB4	20 Credits	5:00pm-9:00pm
F		Rm2502B	Perrault, J
			8:00am-5:00pm
SaSu		Rm2502B	Staff

*This manufacturing class shares the lecture room and shop with all sections of all manufacturing classes. *Additional fees: \$178.00 plus \$1.00/credit.*

MFGT 107**BASIC MANUFACTURING PART A**

This course is an introduction to machining using lecture, online and hands-on classroom experience. It is the first half of MFGT 105. Prerequisite: Recommended minimum score of 200 for English and Math on the CASAS test or completion of ESL Level 4. Mandatory decimal grading.

Evening Class

Item 1337	SecB4	10 Credits	5:00pm-9:00pm
F		Rm2502B	Perrault, J
			8:00am-5:00pm
Sa		Rm2502B	Smith, J

*This manufacturing class shares the lecture room and shop with all sections of all manufacturing classes. *Additional fees: \$110.00 plus \$1.00/credit.*

MFGT 108**BASIC MANUFACTURING PART B**

This course is an introduction to machining using lecture, online, and hands-on classroom experience. It is second in a two quarter certificate. Prerequisite: Completion of MFGT 107 with a 2.0 or better. Mandatory decimal grading.

Evening Class

Item 1341	SecB4	10 Credits	5:00pm-9:00pm
F		Rm2502B	Perrault, J
			8:00am-5:00pm
Su		Rm2502B	Smith, J

*This manufacturing class shares the lecture room and shop with all sections of all manufacturing classes. *Additional fees: \$110.00 plus \$1.00/credit.*

MFGT 120**MANUFACTURING TECHNOLOGY APPLICATIONS**

This INTERMEDIATE program prepares individuals as CNC Machinists. Instruction covers programming, set-up and operation of Okuma CNC machining and turning centers, blueprint reading, math, machine tool theory, CMM inspection, surface plate techniques, and Lean Mfg. Prerequisite: Successful completion of MFGT 106 with a 2.0 or better. Mandatory decimal grading.

Item 1349	SecB1	20 Credits	9:00am-3:00pm
MTWTh		Rm2502B	Smith, K/ Lindberg, C

*This manufacturing class shares the lecture room and shop with all sections of all manufacturing classes. *Additional fees: \$138.00 plus \$1.00/credit.*

Evening Classes

Item 1353	SecB4	20 Credits	5:00pm-9:00pm
F		Rm2502B	Perrault, J
			8:00am-5:00pm
SaSun		Rm2502B	Smith, J

*This manufacturing class shares the lecture room and shop with all sections of all manufacturing classes. *Additional fees: \$138.00 plus \$1.00/credit.*

MFGT 156**CERTIFIED QUALITY INSPECTOR PREPARATION**

This course adds depth to the fundamental overview of the concepts, theory, and practice of quality as presented in MFGT 155, with the goal of preparing students for quality inspection certificates such as the American Society for Quality Certified Quality Inspector. Prerequisite: Successful completion of MFGT 155, or instructor permission. Mandatory decimal grading.

Item 1355	SecE1	5 Credits	10:00am-1:30pm
W	Hybrid	Rm2502B	Purdy, K
<i>This manufacturing class shares the lecture room and shop with all sections of all manufacturing classes. *Additional fees: \$110.00 plus \$7.00/credit.</i>			

MFGT 196**MANUFACTURING INTERNSHIP**

This course is a cooperative work experience with local industry. Students will apply learned skills, gain actual on-the-job experience, and receive credit for work experience appropriate to their level of education. Prerequisite: Successful completion of MFGT 120 with a 2.0 GPA or better. Student option grading.

Item 1357	SecE1	9 Credits	ARR
			Smith, k
<i>*Additional fees: \$1.00/credit. Variable credit course. Register for the number of credits desired.</i>			

MFGT 215**MANUFACTURING TECHNOLOGY PROGRAMMING**

This course introduces the use of CAD/CAM software to program numerically controlled machines and creation of job planning for part production. Prerequisite: MFGT 120 with a 2.0 or better or instructor approval. Mandatory decimal grading.

Item 1359	SecY1	6 Credits	1:30pm-4:00pm
TTh	HYBRID	Rm2502B	Staff/Smith, J
<i>This manufacturing class shares the lecture room and shop with all sections of all manufacturing classes. *Additional fees: \$110.00 plus \$1.00/credit.</i>			

MFGT 220**COMPUTER AIDED MANUFACTURING (CAM)**

This course provides the fundamental knowledge and skills to properly use Computer Aided Manufacturing software to transition products from design to manufacturing. Prerequisite: MFGT 215 with a 2.0 or better. Mandatory decimal grading.

Item 1361	SecY1	6 Credits	1:30pm-4:00pm
TTh	HYBRID	Rm2502B	Smith, J
<i>This manufacturing class shares the lecture room and shop with all sections of all manufacturing classes. *Additional fees: \$110.00 plus \$1.00/credit.</i>			

MFGT 227**ADVANCED CAD/CAM PROGRAMMING**

This course provides knowledge and skills to use CAD/CAM software to develop program code that will be performed on rotary axis CNS machining and turning centers. Prerequisite: MFGT 215 with a 2.0 or better. Mandatory decimal grading.

Weekend Class

Item 1363	SecE1	5 Credits	9:00am-3:00pm
Su		Rm2502B	Smith, J
<i>*Additional fees: \$110.00 plus \$1.00/credit.</i>			

MFGT 246**MECHANICAL MAINTENANCE**

Course provides basic knowledge of machine maintenance as applied to mechanical components and systems. Topics include safety, documentation, mechanics, systems, setup, troubleshooting, and performance of maintenance. This course develops skills in alignment with NIMS Levels II and III Machine Building and Maintenance certifications. Prerequisite: Successful completion of MFGT 120 or Instructor Permission. Mandatory decimal grading.

Evening Class

Item 1367	SecLB1	5 Credits	5:00pm-9:00pm
TTh		Rm2501	Purdy, K/Lindberg, C
<i>*Additional fees: \$110.00 plus \$1.00/credit.</i>			

MFGT 247**MOTIVE MAINTENANCE**

This course provides basic knowledge of machine maintenance as applied to motive components and systems. Topics include safety, documentation, setup and maintenance of pumps, motors, and mechanical and fluid power systems. This course develops skills in alignment with MIMS Levels II and II Machine Building and Maintenance certifications. Prerequisite: Successful completion of MFGT 120, or Instructor Permission. Mandatory decimal grading.

Evening Class

Item 1371	SecLB1	5 Credits	5:00pm-9:00pm
MW		Rm2501	Jackson, J/Lindberg, C
<i>*Additional fees: \$110.00 plus \$1.00/credit.</i>			

MATHEMATICS**MATH 007****SELF-PACED MATHEMATICS REVIEW**

On-campus, computer-delivered. Intended for students who want to improve their math placement, or who want a review before beginning a math course. Students work with an instructor to design and complete an individual plan of study. Students work independently to review mathematics topics. Mandatory P/NC grading.

Item 1179	SecE1	2 Credits	9:30am-10:20am
MW		Rm1301	Vincent, M
<i>*Additional fees: \$1.00/credit.</i>			

Item 1181	SecE2	2 Credits	10:30am-11:20am
TTh		Rm1301	Rudneva, T
<i>*Additional fees: \$1.00/credit.</i>			

MATH 046**INTERMEDIATE ALGEBRA SUPPORT FOR STATISTICS**

Corequisite support course for MATH& 146. Intermediate algebra topics, including linear and exponential functions, graphing, and inequalities. College success strategies addressing time management, math anxiety, and study skills. Concurrent enrollment in MATH& 146 required. Prerequisite: ABE 053 (Pass), or placement into MATH 046. Mandatory P/NC grading.

Item 1183	SecE4	2 Credits	9:30am-10:20am
TTh		Rm2932	Calaway, S

*TO HOLD YOUR PLACE IN CLASS YOU MUST REGISTER FIRST FOR MATH 046 E4 ITEM NUMBER 1183 AND THEN FOR MATH& 146 E4 ITEM NUMBER 1253. Meets with 1253. *Additional fees: \$2.00 plus \$1.00/credit.*

Item 1185	SecE5	2 Credits	12:30pm-1:20pm
MW		Rm2932	Vincent, M

*TO HOLD YOUR PLACE IN CLASS YOU MUST REGISTER FIRST FOR MATH 046 E5 ITEM NUMBER 1185 AND THEN FOR MATH& 146 E5 ITEM NUMBER 1255. Meets with 1255. *Additional fees: \$2.00 plus \$1.00/credit.*

Item 1187	SecN3	2 Credits	ARR
ONLINE			Leyden, S

*TO HOLD YOUR PLACE IN CLASS YOU MUST REGISTER FIRST FOR MATH 046 N3 ITEM NUMBER 1187 AND THEN FOR MATH& 146 N3 ITEM NUMBER 1261. Meets with 1261. Class requires proctored written exams at an instructor-approved site. *Additional fees: \$2.00 plus \$1.00/credit.*

MATH 047**INT. ALGEBRA SUPPORT FOR MATH& 107 OR PHIL& 120**

Corequisite support course for MATH& 107 or PHIL& 120. Intermediate algebra topics including linear and exponential functions, graphing, and inequalities. College success strategies addressing time management, math anxiety, and study skills. Concurrent enrollment in MATH& 107 or PHIL& 120 required. Prerequisite: ABE 053 (Pass), or placement into MATH 047. Mandatory P/NC grading.

Item 1189 SecE1 2 Credits 9:30am-10:20am
MW Rm2932 Hardy, C
TO HOLD YOUR PLACE IN CLASS YOU MUST REGISTER FIRST FOR MATH 047 E1 ITEM NUMBER 1189 AND THEN FOR ONE OF THE FOLLOWING: (a) MATH& 107 E1 ITEM NUMBER 1229 OR (b) PHIL& 120 Y1 ITEM NUMBER 1865 *Additional fees: \$2.00 plus \$1.00/credit.

Item 1191 SeN1 2 Credits ARR
ONLINE Calaway, S
TO HOLD YOUR PLACE IN CLASS YOU MUST REGISTER FIRST FOR MATH 047 N1 ITEM NUMBER 1191 AND THEN FOR ONE OF THE FOLLOWING: (a) MATH& 107 N1 ITEM NUMBER 1231 OR (b) PHIL& 120 N1 ITEM NUMBER 1863. *Additional fees: \$2.00 plus \$7.50/credit.

MATH 049**SUPPORT FOR INTERMEDIATE ALGEBRA**

Corequisite support course for MATH 099. Algebra topics include graphing, equations of lines, factoring, laws of exponents. College success strategies address time management, math anxiety, and study skills. Concurrent enrollment in MATH 099 required. Prerequisite: ABE 073 (Pass), or placement into MATH 049. Mandatory P/NC grading.

Item 1193 SecE4 3 Credits 10:30am-11:20am
MTTh Rm2205 Sandven, L
TO HOLD YOUR PLACE IN CLASS YOU MUST REGISTER FIRST FOR MATH 049 E4 ITEM NUMBER 1193 AND THEN FOR MATH 099 E4 ITEM NUMBER 1213. Meets with 1213. *Additional fees: \$2.00 plus \$1.00/credit.

Item 1195 SecE5 3 Credits 12:30pm-1:20pm
MWF Rm2205 Calaway, S
TO HOLD YOUR PLACE IN CLASS YOU MUST REGISTER FIRST FOR MATH 049 E4 ITEM NUMBER 1199 AND THEN FOR MATH 099 E4 ITEM NUMBER 1215. Meets with 1213. *Additional fees: \$2.00 plus \$1.00/credit.

Item 1197 SecN2 3 Credits 12:30pm-1:20pm
ONLINE Rm2205 Sandven, L
TO HOLD YOUR PLACE IN CLASS YOU MUST REGISTER FIRST FOR MATH 049 E5 ITEM NUMBER 1195 AND THEN FOR MATH 099 E5 ITEM NUMBER 1215. Meets with 1219. *Additional fees: \$2.00 plus \$1.00/credit.

MATH 070**INTRODUCTION TO ALGEBRA**

An introduction to fundamental algebraic skills needed for Intermediate Algebra I. Course includes a review of arithmetic and an introduction to graphing, simplifying algebraic expressions, exponents, and solving linear equations. Prerequisites: MATH 060 (2.0 or better), or ABE 043 (Pass), or placement into MATH 070. Student option grading.

Evening Class

Item 1199 SecE1 5 Credits 6:30pm-8:50pm
TTh Rm2905 Staff
*Additional fees: \$5.00 plus \$1.00/credit.

MATH 090**INDEPENDENT STUDY BASIC MATHEMATICS**

Students in MATH 099 and below or BUS 102 study mathematics individually or in small groups using Math Learning Center resources: learning assistants, textbooks, answer books, calculators, computers, and online resources. Prerequisite: Concurrent enrollment in MATH 060, 070, 080, 081 - 085, 091 - 095, 099, or BUS 102 required. Mandatory P/NC grading.

Item 1201 Sec01 3 Credits ARR
Rm4213 Tepper, R

This is a continuing enrollment class. You may register until 5/19/20 for 1-3 credits. Variable credit course. Register for the number of credits desired.

MATH 098**INTERMEDIATE ALGEBRA I**

Fundamentals and applications of algebra including solving linear equations and inequalities, lines, solving systems of equations, functions, graphing functions, rational exponents, exponential functions, logarithms. Prerequisite: MATH 070 (2.0 or better), or ABE 073 (Pass), or placement into MATH 098. Student option grading.

Item 1203 SecE1 5 Credits 10:30am-11:20am
DAILY Rm2931 Staff
*Additional fees: \$5.00 plus \$1.00/credit.

Item 1205 SecN1 5 Credits ARR
ONLINE Thomas, J
Class requires proctored written exams at an instructor-approved site. *Additional fees: \$5.00. *Additional fees: \$5.00 plus \$7.50/credit.

MATH 099**INTERMEDIATE ALGEBRA II**

Simplifying and evaluating linear, quadratic, polynomial, radical, rational, exponential, and logarithmic expressions. Solving these same types of equations and inequalities with graphs and applications to real world modeling and investigating functions. Prerequisite: MATH 098 (2.0 or better), or placement into MATH 099. Student option grading.

Item 1207 SecE1 5 Credits 9:30am-10:20am
DAILY Rm2912 Thomas, J
*Additional fees: \$5.00 plus \$1.00/credit.

Item 1213 SecE4 5 Credits 9:30am-10:20am
DAILY Rm2205 Sandven, L
TO HOLD YOUR PLACE IN CLASS YOU MUST REGISTER FIRST FOR MATH 049 E4 ITEM NUMBER 1193 AND THEN FOR MATH 099 E4 ITEM NUMBER 1213. Meets with 1193. *Additional fees: \$5.00 plus \$1.00/credit.

Item 1209 SecE2 5 Credits 10:30am-11:20am
DAILY Rm2912 Thomas, J
*Additional fees: \$5.00 plus \$1.00/credit.

Item 1215 SecE5 5 Credits 11:30am-12:20pm
DAILY Rm2205 Sandven, L
TO HOLD YOUR PLACE IN CLASS YOU MUST REGISTER FIRST FOR MATH 049 E5 ITEM NUMBER 1195 AND THEN FOR MATH 099 E5 ITEM NUMBER 1215. Meets with 1195. *Additional fees: \$5.00 plus \$1.00/credit.

Item 1217 SecN1 5 Credits ARR
ONLINE Sullivan, D
Class requires proctored written exams at an instructor-approved site. *Additional fees: \$5.00 plus \$7.50/credit.

Item 1219 SecN2 5 Credits ARR
ONLINE Leyden, S
TO HOLD YOUR PLACE IN CLASS YOU MUST REGISTER FIRST FOR MATH 049 N2 ITEM NUMBER 1197 AND THEN FOR MATH 099 N2 ITEM NUMBER 1219. Meets with 1197. Class requires proctored written exams at an instructor-approved site. *Additional fees: \$5.00 plus \$7.50/credit.

Evening Class

Item 1211 SecE3 5 Credits 6:30pm-8:50pm
MW Rm2719 Staff
*Additional fees: \$5.00 plus \$1.00/credit.

MATH& 107**MATH IN SOCIETY**

Practical applications of mathematics as they arise in everyday life. Includes finance math, probability & statistics, and a selection of other topics. Designed for students who are not preparing for calculus. Prerequisite: MATH 098 (2.0 or better), MATH 099 (2.0 or better), MATH 095 (2.0 or better), or placement into MATH& 107. Student option grading.

Item 1229 SecE1 5 Credits 10:30am-11:20am
DAILY Rm2208 Hardy, C
*Additional fees: \$5.00 plus \$1.00/credit.

Item 1231 SecN1 5 Credits ARR
ONLINE Bogart, S
Class requires proctored written exams at an instructor-approved site. *Additional fees: \$5.00 plus \$7.50/credit.

MATH 111**ELEMENTS OF PRE-CALCULUS**

Algebra topics including mathematical modeling, graphing & problem solving w/ polynomial, rational, exponential & logarithmic functions. Applications. Topics from mathematics of finance. Intended for students in business, social sciences & some biological sciences. Prerequisite: MATH 099 (2.0 or better), or MATH 094 and MATH 095 (2.0 or better), or placement into MATH 111. Student option grading.

Item 1221	SecN1	5 Credits	ARR
ONLINE			Staff
Class requires proctored written exams at an instructor-approved site.			
A*Additional fees: \$5.00 plus \$7.50/credit.			

MATH& 141**PRECALCULUS I**

The elementary functions and their graphs, with applications to mathematical modeling. Examples include linear, quadratic, polynomial, rational, exponential and logarithmic functions, composite functions, inverse functions and transformation of graphs. Prerequisite: MATH 099 (2.0 or better), or MATH 094 and MATH 095 (2.0 or better), or placement into MATH& 141. Student option grading.

Item 1233	SecE1	5 Credits	10:30am-11:20am
DAILY		Rm2911	Kuczmarski
*Additional fees: \$5.00 plus \$1.00/credit.			
Item 1235	SecE2	5 Credits	11:30am-12:20pm
DAILY		Rm2911	Kuczmarski
*Additional fees: \$5.00 plus \$1.00/credit.			
Item 1237	SecE3	5 Credits	12:30pm-2:50pm
TTh		Rm2932	Rudneva, T
*Additional fees: \$5.00 plus \$1.00/credit.			

MATH& 142**PRECALCULUS II**

Triangle trigonometry, circular and inverse trigonometric functions, trigonometric identities, solving trigonometric equations, applications of trigonometry. Polar coordinates and parametric equations. Prerequisite: MATH& 141 (2.0 or better) or placement into MATH& 142. Student option grading.

Item 1239	SecE1	5 Credits	9:30am-10:20am
DAILY		Rm2723	Hurley, W
*Additional fees: \$5.00 plus \$1.00/credit.			
Item 1241	SecE2	5 Credits	10:30am-11:20am
DAILY		Rm2723	Savage, N
*Additional fees: \$5.00 plus \$1.00/credit.			
Item 1243	SecE3	5 Credits	11:30am-12:20pm
DAILY		Rm2719	Hurley, W
*Additional fees: \$5.00 plus \$1.00/credit.			
Item 1245	SecN1	5 Credits	ARR
ONLINE			Hurley, W
Class requires proctored written exams at an instructor-approved site. *Additional fees: \$5.00 plus \$7.50/credit.			

MATH& 146**INTRODUCTION TO STATS**

Analysis of data through graphical and numerical methods, linear regression, the Normal distribution, data collection, elementary probability, confidence intervals and hypothesis testing. Emphasis on applications. Prerequisite: MATH 098 (2.0 or better), MATH 099 (2.0 or better), MATH 095 (2.0 or better), or placement into MATH& 146, AND placement into ENGL 099 or EAP 099. Student option grading.

Item 1247	SecE1	5 Credits	9:30am-10:20am
DAILY		Rm2719	Lovejoy, J
*Additional fees: \$5.00 plus \$1.00/credit.			
Item 1249	SecE2	5 Credits	10:30am-11:20am
DAILY		Rm2719	Lovejoy, J
*Additional fees: \$5.00 plus \$1.00/credit.			
Item 1253	SecE4	5 Credits	10:30am-11:20am
DAILY		Rm2932	Calaway, S
TO HOLD YOUR PLACE IN CLASS YOU MUST REGISTER FIRST FOR MATH 046 E4 ITEM NUMBER 1183 AND THEN FOR MATH& 146 E4 ITEM NUMBER 1253. Meets with 1183. *Additional fees: \$5.00 plus \$1.00/credit.			

Item 1255	SecE5	5 Credits	11:30am-12:20pm
DAILY		Rm2932	Vincent, M
TO HOLD YOUR PLACE IN CLASS YOU MUST REGISTER FIRST FOR MATH 046 E5 ITEM NUMBER 1185 AND THEN FOR MATH& 146 E5 ITEM NUMBER 1255. Meets with 1185. *Additional fees: \$5.00 plus \$1.00/credit.			
Item 1251	SecE3	5 Credits	12:30pm-2:50pm
MW		Rm2719	Jorgenson, A
*Additional fees: \$5.00 plus \$1.00/credit.			
Item 1257	SecN1	5 Credits	ARR
ONLINE			Marchetti, F
Meets with 1259. Class requires proctored written exams at an instructor-approved site. *Additional fees: \$5.00 plus \$7.50/credit.			
Item 1261	SecN3	5 Credits	ARR
ONLINE			Leyden, S
TO HOLD YOUR PLACE IN CLASS YOU MUST REGISTER FIRST FOR MATH 046 N3 ITEM NUMBER 1187 AND THEN FOR MATH& 146 N3 ITEM NUMBER 1261. Meets with 1187. Class requires proctored written exams at an instructor-approved site. *Additional fees: \$5.00 plus \$7.50/credit.			

MATH& 148**BUSINESS CALCULUS**

Differential and Integral Calculus of elementary functions with an emphasis on business and social science applications. Designed for students who want a brief course in Calculus. (No credit given to those who have completed MATH& 151.) Prerequisite: MATH 111 preferred (2.0 or better) or MATH& 141 (2.0 or better), or placement into MATH& 148. Student option grading.

Item 1263	SecE1	5 Credits	10:30am-11:20am
DAILY		Rm2904	Huber, C
*Additional fees: \$5.00 plus \$1.00/credit.			

MATH& 151**CALCULUS I**

Definition, interpretation and applications of the derivative. Derivatives of algebraic and transcendental functions. Prerequisite: MATH& 142 (2.0 or better), or placement into MATH& 151. Student option grading.

Item 1265	SecE1	5 Credits	8:30am-9:20am
DAILY		Rm2911	Kuczmarski
*Additional fees: \$5.00 plus \$1.00/credit.			
Item 1267	SecE2	5 Credits	9:30am-10:20am
DAILY		Rm2206	Wyzgowski, P
*Additional fees: \$5.00 plus \$1.00/credit.			
Item 1269	SecE3	5 Credits	11:30am-12:20pm
DAILY		Rm2905	Wyzgowski, P
*Additional fees: \$5.00 plus \$1.00/credit.			
Item 1271	SecE4	5 Credits	12:30pm-2:50pm
TTh		Rm2719	Hardy, C
*Additional fees: \$5.00 plus \$1.00/credit.			

MATH& 152**CALCULUS II**

Definition, interpretation, and application of the definite integral. The Fundamental Theorem of Calculus, techniques of integration, definite integrals involving curves described parametrically, and introduction to separable differential equations. Prerequisite: MATH& 151 (2.0 or better). Student option grading.

Item 1273	SecE1	5 Credits	8:30am-9:20am
DAILY		Rm2719	Pelletier, T
*Additional fees: \$5.00 plus \$1.00/credit.			
Item 1275	SecE2	5 Credits	11:30am-12:20pm
DAILY		Rm1715	Guo, J
*Additional fees: \$5.00 plus \$1.00/credit.			
Item 1277	SecN1	5 Credits	ARR
ONLINE			Leyden, S
Class requires proctored written exams at an instructor-approved site. *Additional fees: \$5.00 plus \$7.50/credit.			

MATH& 163**CALCULUS 3**

Infinite series & the calculus of vector-valued functions and functions of several variables. Sequences, series, Taylor series, vector products, lines, planes, space curves, level curves & surfaces, partial derivatives, chain rules, tangent planes, gradient & directional derivatives. Prerequisite: MATH& 152 (2.0 or better.) Student option grading.

Item 1279 SecE1 5 Credits 8:30am-09:20am
DAILY Rm2912 Huber, C
*Additional fees: \$5.00. *Additional fees: \$5.00 plus \$1.00/credit.

Item 1281 SecE2 5 Credits 11:30am-12:20pm
DAILY Rm2931 Huber, C
*Additional fees: \$5.00. *Additional fees: \$5.00 plus \$1.00/credit.

MATH 207**ELEMENTS OF DIFFERENTIAL EQUATIONS**

Linear and non-linear ordinary differential equations and applications. Graphical, numerical, analytical and qualitative methods. Prerequisite: MATH& 163 (2.0 or better) or instructor permission. Student option grading.

Item 1223 SecE1 5 Credits 8:30am-9:20am
DAILY Rm2206 Wyzgowski, P
*Additional fees: \$5.00 plus \$1.00/credit.

MATH 211**ELEMENTS OF STATISTICAL METHOD**

Principles of data analysis, linear regression, data collection, elementary probability, random variables, probability distributions and statistical inference. Emphasis on practical applications and the interpretations of results. Prerequisites: MATH& 148 (2.0 or better) or MATH& 151 (2.0 or better) AND placement into ENGL 099 or EAP 099. Student option grading.

Item 1225 SecE1 5 Credits 10:30am-11:20am
DAILY Rm2206 Pelletier, T
*Additional fees: \$5.00 plus \$1.00/credit.

Item 1227 SecE2 5 Credits 11:30am-12:20pm
DAILY Rm2206 Pelletier, T
*Additional fees: \$5.00 plus \$1.00/credit.

MATH& 264**CALCULUS 4**

Continuation of the MATH& 151-152-163 Calculus sequence. Optimization, multiple integrals, vector fields, divergence, curl, line and surface integrals, Green's Theorem, Stokes' Theorem, and the Divergence Theorem. Prerequisite: MATH& 163 (2.0 or better) or permission. Student option grading.

Item 1283 SecE1 5 Credits 11:30am-12:20pm
DAILY Rm2723 Savage, N
*Additional fees: \$5.00 plus \$1.00/credit.

MEDICAL LAB TECHNOLOGY**MLT 121****ESSENTIALS OF PHLEBOTOMY**

Lecture and laboratory classes. Includes role of the phlebotomist, safety, infection control, phlebotomy technique, equipment, and specimen processing. Practice performing capillary and venipuncture techniques. Prerequisite: ENGL 099 with a grade of 2.0 or equivalent, or placement into ENGL& 101. Acceptance into the Phlebotomy Program or instructor permission. Mandatory decimal grading.

Item 1379 SecE1 3 Credits 10:30am-12:10pm
W Rm2346 Sharp, D
12:30pm-2:20pm
W Rm2327
*Additional fees: \$75.00 plus \$1.00/credit.

MLT 122**PHLEBOTOMY LABORATORY BASICS**

Lecture & Laboratory phlebotomy program course includes laboratory computer information systems, safety practices, specimen processing, and point of care testing. Customer service and patient confidentiality emphasized. Prerequisite: Acceptance into the Phlebotomy or MLT Program, or instructor permission. ENGL 099 or equivalent, or placement into ENGL& 101. Mandatory decimal grading.

Item 1381 SecY1 3 Credits 9:30am-12:00pm
F HYBRID Rm2615 Rickel, M
*Additional fees: \$7.50 plus \$1.00/credit.

MLT 123**AIDS & HIV EDUCATION FOR HEALTH CARE WORKERS**

Introduction to AIDS & HIV. Topics include exposure risk, infection control measures, symptoms of illness, opportunistic infections & blood borne pathogens. HIV testing reviewed. Outside class activities assigned. Meets the Washington State requirement for HIV/AIDS education for healthcare workers. Prerequisite: Successful completion of ENGL 099 or equivalent, or placement into ENGL& 101. Mandatory decimal grading.

Item 1383 SecN1 1 Credit ARR
ONLINE Marsh, K
*Additional fees: \$7.50/credit.

MLT 132**PHLEBOTOMY PRACTICUM**

Phlebotomy training (40-160 hrs) in a health care facility per program requirement. Some online content. Health insurance, Hepatitis B and other vaccinations, PPD and Criminal History Background Check. Prerequisite: ENGL 099 or equivalent recommended. MLT 121 or 200 required with grade of 2.0 or higher, and instructor permission. Admission to Phleb. or MLT Program. Mandatory P/NC Grading.

Item 1385 SecE1 6 Credits ARR
Staff
Variable credit course. Register for the number of credits desired. *Additional fees: \$6.25 plus \$1.00/credit.

MLT 181**INTRODUCTION TO MEDICAL LAB PROCEDURES**

Course includes lecture & seminar introducing theory of clinical laboratory procedure, laboratory safety, specimen collection, quality control and urinalysis. Concurrent enrollment in MLT 182 recommended. Prerequisite: BIOL& 170 and BIOL& 211. Mandatory decimal grading.

Item 1387 SecY1 4 Credits 12:00pm-12:50pm
T HYBRID Rm2305 Seegers, S
*Additional fees: \$7.00/credit.

MLT 182**LAB: MED. LAB PROCEDURES**

An introduction to procedures used in the clinical or biological laboratory. Emphasis on laboratory safety, test measurement, specimen collection, quality control procedures, basic laboratory testing and instrumentation and urinalysis. Concurrent enrollment in MLT 181 recommended. Prerequisite: BIOL& 170 and BIOL& 211. Mandatory decimal grading.

Item 1389 SecY1 2 Credits 8:30am-11:00am
T HYBRID Rm2615 Seegers, S
*Additional fees: \$75.00 plus 7.00/credit.

Item 1391 SecY2 2 Credits 8:30am-11:00am
Th HYBRID Rm2615 Seegers, S
*Additional fees: \$75.00 plus 7.00/credit.

Item 1393 SecY3 2 Credits 1:30pm-4:00pm
T HYBRID Rm2615 Seegers, S
*Additional fees: \$75.00 plus 7.00/credit.

MLT 241**HEMATOLOGY PRACTICUM**

Practical experience in clinical laboratory, 40 hours per week for 4 weeks. Perform routine laboratory procedures using hematology, coagulation, and urinalysis instrumentation and lab computer system. Prerequisite: Admission to the MLT Program, MLT 221 and 231. Mandatory P/NC grading.

Item 1395	SecE1	6 Credits	ARR Staff
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*Additional fees: \$6.25 plus \$1.00/credit.

MLT 242**CHEMISTRY PRACTICUM**

Practical experience in clinical laboratory, 40 hours per week for 4 weeks. Perform routine laboratory procedures using clinical chemistry instrumentation and lab computer system. Prerequisite: Admission to the MLT Program, MLT 222 and MLT 232. Mandatory P/NC grading.

Item 1397	SecE1	6 Credits	ARR Staff
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*Additional fees: \$6.25 plus \$1.00/credit.

MLT 244**MICROBIOLOGY PRACTICUM**

Practical experience in clinical laboratories, 40 hours per week for 4 weeks. Perform routine laboratory procedures using laboratory equipment and instrumentation in microbiology, parasitology, & mycology testing. Prerequisite: Admission to the MLT Program, MLT 224 and MLT 234. Mandatory P/NC grading.

Item 1399	SecE1	6 Credits	ARR Staff
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*Additional fees: \$6.25 plus \$1.00/credit.

MULTICULTURAL STUDIES**MCS 105****INTRODUCTION TO MULTICULTURAL STUDIES**

Students will develop a personal and historical understanding of issues related to race, social class, gender, sexual orientation, disabilities & culture; and how these issues are used in the distribution of power and privilege in the U.S. Prerequisite: Successful completion of ENGL 099 or placement into ENGL& 101. Student option grading.

Item 1295	SecY1	5 Credits	9:30am-10:20am
MTWTh	Hybrid	Rm1805	Hamako, E

*Additional fees: \$7.00/credit.

Item 1299	SecY4	5 Credits	11:30am-12:20pm
TThF	Hybrid	Rm1522	Johnson, E

*Additional fees: \$7.00/credit.

Item 1297	SecY3	5 Credits	12:30pm-2:00pm
TTh	Hybrid	Rm2931	Johnson, E

*Additional fees: \$7.00/credit.

Item 1285	SecN1	5 Credits	ARR
ONLINE			Kleisath, M

*Additional fees: \$7.50/credit.

Item 1287	SecN2	5 Credits	ARR
ONLINE			Barnett, E

*Additional fees: \$7.50/credit.

Item 1289	SecN3	5 Credits	ARR
ONLINE			Kleisath, M

*Additional fees: \$7.50/credit.

Item 1291	SecN4	5 Credits	ARR
ONLINE			Kleisath, M

*Additional fees: \$7.50/credit.

Item 1293	SecN5	5 Credits	ARR
ONLINE			Kleisath, M

*Additional fees: \$7.50/credit.

MCS 105H**INTRODUCTION TO MULTICULTURAL STUDIES HC**

Students will develop a personal and historical understanding of issues related to race, social class, gender, sexual orientation, disabilities & culture; and how these issues are used in the distribution of power and privilege in the U.S. Prerequisite: ENGL 099 with a 2.0 or better or placement into ENGL& 101. Mandatory decimal grading.

Item 1301	SecHC1	5 Credits	9:30am-10:20am
TThF		Rm2931	Johnson, E

*Additional fees: \$7.00/credit.

MUSIC**MUSC 100****INTRODUCTION TO MUSIC THEORY**

An introduction to reading and writing music. Topics include standard music notation, meter, rhythm, scales and key signatures. May be used in preparation for MUSC& 141. Prerequisite: Concurrent enrollment in MUSC 120 required for music and music technology majors. Mandatory decimal grading.

Item 1403	SecE2	5 Credits	9:30am-10:20am
DAILY		Rm806	Oliver, J

*Additional fees: \$21.00 plus \$1.00/credit.

Item 1401	SecE1	5 Credits	10:30am-11:20am
DAILY		Rm815	Reid, D

*Additional fees: \$21.00 plus \$1.00/credit.

Item 1405	SecN1	5 Credits	ARR
ONLINE			Reid, D

*Additional fees: \$21.00 plus \$7.50/credit.

MUSC& 105**MUSIC APPRECIATION**

Why does music affect us the way it does? There is no escaping music in our society; it's everywhere. Together we will discover how and why music has impacted our culture through the centuries. We will explore music's history, its basic elements, and its power to alter entire societies. Prerequisite: Successful completion of ENGL 099 (or equivalent) or placement into ENGL& 101. Student option grading.

Item 1563	SecN1	5 Credits	ARR
ONLINE			Ehrlich, B

*Additional fees: \$7.50/credit.

MUSC 106**MUSIC IN AMERICAN CULTURE**

Explore musical traditions from diverse American cultures through guided listening and analysis of songs, styles, genres and musicians, with emphasis on the role of race, class, gender and sexual-orientation. Dual listed with AES 106. Prerequisite: Successful completion of ENGL 099 or EAP 099 or placement into ENGL& 101. Student option grading.

Item 1409	SecY1	5 Credits	10:30am-11:20am
MTWTh	Hybrid	Rm1814	Solam, J

*Additional fees: \$7.00/credit.

MUSC 109**AMERICAN POPULAR MUSIC**

Explore American popular music from the 19th century to today including Ragtime, Tin Pan Alley, Jazz, Rock, Country, Blues, Punk, Alternative, and Rap. Student option grading.

Item 1411	SecN1	5 Credits	ARR
ONLINE			Solam, J

*Additional fees: \$7.50/credit.

MUSC 114**CLASS INSTRUCTION GUITAR I**

This course is intended for students with little or no background in guitar performance. It presents basic skills and techniques needed to enjoy playing the guitar. Students must supply their own acoustic guitar. Student option grading.

Item 1413	SecY1	2 Credits	1:45pm-3:05pm
W	Hybrid	Rm815	Godinez, D

*Additional fees: \$7.00/credit.

MUSC 115**CLASS INSTRUCTION ELECTRIC BASS**

Basic skills for the electric bass including reading bass clef, scales and modes, improving technical proficiency. For beginning to intermediate players. Students must provide own instrument. Course may be taken up to six times. Student option grading.

Item 1415	Sec01	2 Credits	2:00pm-3:15pm
TTh		Rm858	Kim, S

*Additional fees: \$21.00.

MUSC 119**CLASS PIANO FOR GENERAL STUDENTS**

Students with little or no piano background learn basic piano skills and techniques. Student option grading.

Item 1417	Sec01	2 Credits	11:30am-12:20pm
MW		Rm820	Oliver, J
			11:30am-12:20pm

F Rm814

Meets with 1421. *Additional fees: \$21.00.

Item 1419	Sec03	2 Credits	12:30pm-1:45pm
TTh		Rm814	Azevedo, H

*Additional fees: \$21.00.

MUSC 120**CLASS PIANO FOR MUSIC 100 STUDENTS**

Students learn basic skills needed in music reading, music theory and piano performance. Prerequisite: Concurrent enrollment in MUSC 100 is required. Mandatory decimal grading.

Item 1421	Sec01	2 Credits	11:30am-12:20pm
MW		Rm820	Oliver, J
			11:30am-12:20pm

F Rm814

Meets with 1417. *Additional fees: \$21.00.

Item 1423	Sec03	2 Credits	12:30pm-1:45pm
TTh		Rm814	Azevedo, H

*Additional fees: \$21.00.

MUSC 133**PERFORMANCE TECHNIQUES**

Performance Techniques focuses on various aspects of artistic performances. This class provides opportunities for students to perform publicly and to learn about stagecraft and audience behavior. Students will be exposed to a wide variety of music through concert attendance and personal performances. Mandatory decimal grading.

Item 1425	Sec01	2 Credits	2:00pm-2:50pm
TTh		Rm860	SteckerThors

*Additional fees: \$21.00 plus \$7.25/credit.

MUSC 135**SHORELINE SINGERS**

This advanced a cappella ensemble performs a variety of challenging vocal music including classical, world music, modern music, and jazz. The group tours annually and schedules multiple performances each quarter. Prerequisite: Audition required. Also requires concurrent registration in Chorale or special permission of instructor. Mandatory decimal grading.

Item 1427	Sec01	2 Credits	12:30pm-1:45pm
MW		Rm858	Norberg, E
			12:30pm-1:45pm

TTh Rm818

*Additional fees: \$21.00.

MUSC 136**JAZZ ENSEMBLE**

The Jazz Ensemble rehearses and performs music in a variety of contemporary jazz styles. Sight reading, jazz interpretation, phrasing and improvisation are stressed. Students present several concerts each quarter and participate in a yearly concert tour, usually in Spring. Prerequisite: Membership in the Jazz Ensemble is by audition. Student option grading.

Evening Class

Item 1429	Sec01	2 Credits	4:00pm-6:30pm
MW		Rm818	Kashiwa, J

*Additional fees: \$7.25/Credit.

MUSC 139**SIBELIUS MUSIC NOTATION SOFTWARE**

A fully online course introducing students to the creation of music using music notation software. Basic understanding of music notation is required. Prerequisite: MUSC 100 or instructor permission. Student option grading.

Item 1431	SecN1	3 Credits	ARR
ONLINE			Spitz, B

*Additional fees: \$7.50/credit.

MUSC 140**SYMPHONIC BAND**

Shoreline's Concert Band performs quarterly concerts that include traditional music, contemporary band works, orchestral transcriptions, solo features, Broadway musicals and marches. Rehearses on Monday evenings fall, winter, spring quarters. Prerequisite: ability to play a band instrument. Mandatory decimal grading.

Evening Class

Item 1433	Sec01	2 Credits	7:00pm-9:30pm
M		Rm818	Faul, D

*Additional fees: \$7.25/credit.

MUSC& 142**MUSIC THEORY II: FIRST-YEAR MUSIC THEORY**

This course continues the study of music fundamentals and structure. Sight singing, keyboard assignments, melodic and elementary dictation are integrated into the class. Course is intended primarily for music majors. Concurrent enrollment in MUSC 152 (Class Piano) is required. Prerequisite: MUSC& 141 with a grade of 2.0 or higher. Mandatory decimal grading.

Item 1565	SecE2	5 Credits	10:30am-11:20am
DAILY		Rm818	Junkinsmith

*Additional fees: \$21.00 plus \$1.00/credit.

MUSC& 143**MUSIC THEORY III: FIRST-YEAR MUSIC THEORY**

This course continues the study of theories and fundamentals of music structure. Sight singing and melodic and harmonic dictation are integrated into the class. This course is intended primarily for music majors. Concurrent enrollment in MUSC 153 (class piano) is required. Prerequisite: MUSC& 142 with a grade of 2.0 or higher. Mandatory decimal grading.

Item 1567	SecE1	5 Credits	11:30am-12:20pm
DAILY		Rm806	Junkinsmith.

*Additional fees: \$21.00 plus \$1.00/credit.

MUSC 144**FUNK & GROOVE**

Funk & Groove is a performance ensemble that rehearses and performs music in styles typical of pop and commercial music from the 1970s to the present. The ensemble uses an extensive sound reinforcement system and provides experience in live performance technique and technology. Prerequisite: Membership in Funk & Groove is by audition. Student option grading.

Item 1435	SecE1	2 Credits	12:30pm-2:50pm
MW		Rm818	Kashiwa, J.

*Additional fees: \$8.25/credit.

MUSC 147**SMALL ENSEMBLE PERFORMANCE**

Designed for intermediate to advanced musicians and singers: Weekly rehearsals focus on small group performance skill. May be repeated 6 times for credit. Ensembles include: Chamber Wind, Vocal, Guitar, Sax, Piano, Studio Musicianship, Percussion, Bluegrass, Strings, iPad, Repertoire Jazz, Creative Music and Brass. Student option grading.

Item 1437	Sec01	4 Credits	ARR
	Reid, D/Enlow, C/Kim, S/Perry, C/Keith, A/ Kashiwa, J		

Variable credit course. Register for the number of credits desired.

MUSC 152**CLASS PIANO FOR MUSIC THEORY II STUDENTS**

Music theory students learn basic piano skills and techniques required of music majors. Prerequisite: Concurrent enrollment in MUSC& 142 is required. Mandatory decimal grading.

Item 1439	SecE1	2 Credits	10:30am-11:20am
TTh		Rm820	Azevedo, H
			10:30am-11:20am
F		Rm814	

*Additional fees: \$21.00 plus \$1.00 per credit.

Item 1441	SecE2	2 Credits	11:30am-12:20pm
TThF		Rm820	Azevedo, H

*Additional fees: \$21.00 plus \$1.00 per credit.

MUSC 153**CLASS PIANO FOR MUSIC THEORY III STUDENTS**

Music theory students learn basic piano skills and techniques required of music majors. Prerequisite: Concurrent enrollment in MUSC& 143 is required. Mandatory decimal grading.

Item 1443	SecE1	2 Credits	9:30am-10:20am
TThF		Rm814	Azevedo, H

*Additional fees: \$21.00 plus \$1.00 per credit.

MUSC 161**CLASS VOICE INSTRUCTION - BEGINNING**

Beginning voice students learn the fundamentals and basic techniques needed in vocal performance to enhance their ability to sing in a performing ensemble and/or perform in public. This course may be repeated for credit. Student option grading.

Item 1445	Sec01	2 Credits	12:30pm-1:45pm
MW		Rm860	SteckerThors

Meets with 1447. *Additional fees: \$21.00.

MUSC 162**CLASS VOICE INSTRUCTION - INTERMEDIATE**

Intermediate voice students learn the fundamentals and basic techniques needed in vocal performance to enhance their ability to sing in a performing ensemble and/or perform in public. This course may be repeated for credit. Prerequisites: Completion of MUSC 161 or permission of instructor. Student option grading.

Item 1447	Sec01	2 Credits	12:30pm-1:45pm
MW		Rm860	SteckerThors

Meets with 1445. *Additional fees: \$21.00.

MUSC 163**CLASS VOICE INSTRUCTION - ADVANCED**

Advanced voice students learn the fundamentals and basic techniques needed in vocal performance to enhance their ability to sing in a performing ensemble and/or perform in public. This course may be repeated for credit. Prerequisites: Completion of MUSC 162 or permission of instructor. Student option grading.

Item 1449	Sec01	2 Credits	12:30pm-1:45pm
TTh		Rm860	SteckerThors

*Additional fees: \$21.00.

MUSC 164**MUSICAL THEATER PERFORMANCE**

Students perform a minor musical theater role in full production, accompanied by orchestra. Prerequisite: Instructor permission based on student audition. Mandatory decimal grading.

Evening Class

Item 1451	Sec01	1 Credit	6:00pm-9:00pm
DAILY		Rm860	Enlow, C
Meets with 0651, 0655, 0659,1451,1453, 1455. *Additional fees: \$7.25/credit.			

MUSC 165**MUSICAL THEATER PERFORMANCE**

Students perform a secondary musical theater role in full production, accompanied by orchestra. Prerequisite: Instructor permission based on student audition. Mandatory decimal grading.

Evening Class

Item 1453	Sec01	2 Credits	6:00pm-9:00pm
DAILY		Rm860	Enlow, C
Meets with 0651, 0655, 0659,1451,1453, 1455. *Additional fees: \$7.25/credit.			

MUSC 166**MUSICAL THEATER PERFORMANCE**

Students perform a major musical theater role in full production, accompanied by orchestra. Prerequisite: Permission of instructor after audition. Mandatory decimal grading.

Evening Class

Item 1455	Sec01	3 Credits	6:00pm-9:00pm
DAILY		Rm1600	Enlow, C
Meets with 0651, 0655, 0659,1451,1453, 1455. *Additional fees: \$7.25/credit.			

MUSC 170**PRIVATE INSTRUCTION - CLASSICAL VOICE 1**

Students sing in a variety of languages, prepare for and give public performances. Students receive one-on-one mentoring to nurture artistic goals and improve vocal technique. This course enables the vocal music major to transfer two years of applied study to universities, colleges, and conservatories. Prerequisite: Placement by audition and enrollment in Shoreline choral ensemble. Instructor approval required. Mandatory decimal grading.

Item 1457	Sec01	1 Credit	ARR
			Norberg, E
Once instruction has begun, fees for private instruction are not refundable.			
*Additional fees: \$516.00.			

Item 1459	Sec03	1 Credit	ARR
			SteckerThors
Once instruction has begun, fees for private instruction are not refundable.			
*Additional fees: \$516.00			

MUSC 175**CHAMBER CHORALE**

Mixed voice choral ensemble open to all students. Styles include classical, jazz, pop, folk, and world music. Membership open to all. A short placement check will be performed in the first week of class to determine section placement. Student option grading.

Item 1461	Sec01	2 Credits	11:30am-12:20pm
DAILY		Rm818	Norberg, E
*Additional fees: \$21.00 plus \$7.25/credit.			

MUSC 180**INDIVIDUAL INSTRUCTION - CLASSICAL PIANO I**

Individual instruction on technique and classical piano literature from various periods of time. Prerequisite: Reading knowledge of piano music. Permission of instructor. Mandatory decimal grading.

Item 1463	Sec01	1 Credit	ARR
			Oliver, J
Once instruction has begun, fees for private instruction are not refundable.			
*Additional fees: \$516.00			

Item 1465	Sec02	1 Credit	ARR
			Azevedo, H
Once instruction has begun, fees for private instruction are not refundable.			
*Additional fees: \$516.00			

Item 1467	Sec03	1 Credit	ARR
			Enlow, C
Once instruction has begun, fees for private instruction are not refundable.			
*Additional fees: \$516.00.			

MUSC 184**PRIVATE INSTRUCTION POPULAR VOICE I**

Students are coached to sing in a variety of popular music styles preparing them to give public performances. Students receive one-on-one mentoring to nurture artistic goals and improve technique. Vocal exercises safely increase stamina and range while developing stylistic skills matching their genre of choice. Instructor permission required. Student option grading.

Item 1471	Sec01	1 Credit	ARR SteckerThors
Once instruction has begun, fees for private instruction are not refundable. *Additional fees: \$495.00.			

Item 1473	Sec02	1 Credit	ARR Norberg, E
Once instruction has begun, fees for private instruction are not refundable. *Additional fees: \$495.00.			

MUSC 196**INDIVIDUAL INSTRUCTION INSTRUMENTAL**

Individual instruction on string, woodwind, brass and percussion instruments. Instructor permission required. Mandatory decimal grading.

Item 1475	Sec01	1 Credit	ARR Kim, S/Reid, D
Once instruction has begun, fees for private instruction are not refundable. *Additional fees: \$495.00 plus \$7.25/credit.			

Item 1479	Sec03	1 Credit	ARR Dieterich, D/Reid, D
Once instruction has begun, fees for private instruction are not refundable. *Additional fees: \$495.00 plus \$7.25/credit.			

Item 1483	Sec05	1 Credit	ARR Godinez, D/Reid, D
Once instruction has begun, fees for private instruction are not refundable. *Additional fees: \$495.00 plus \$7.25/credit.			

Item 1487	Sec7	1 Credit	ARR Kashiwa, J/Reid, D
Once instruction has begun, fees for private instruction are not refundable. *Additional fees: \$495.00 plus \$7.25/credit.			

Item 1489	Sec08	1 Credit	ARR Reid, D
Once instruction has begun, fees for private instruction are not refundable. *Additional fees: \$495.00 plus \$7.25/credit.			

Item 1491	Sec09	1 Credit	ARR Keith, A/Reid, D
Once instruction has begun, fees for private instruction are not refundable. *Additional fees: \$495.00 plus \$7.25/credit.			

Item 1501	Sec17	1 Credit	ARR McMichael, L/Reid, D
Once instruction has begun, fees for private instruction are not refundable. *Additional fees: \$495.00 plus \$7.25/credit.			

MUSC 204**IMPROVISATION I**

Improvisation I covers the basic elements of jazz improvisation, exploring various styles and idioms, and is open to all instrumentalists interested in playing jazz. Mandatory decimal grading.

Item 1503	Sec01	2 Credits	12:30pm-1:20pm
TTh		Rm859	Kim, S
Meets with 1505. *Additional fees: \$21.00.			

MUSC 205**IMPROVISATION II**

Improvisation II covers intermediate elements of jazz improvisation while exploring various styles and idioms. The class is open to all instrumentalists and vocalists interested in playing jazz. Prerequisite: MUSC 204 or instructor permission. Mandatory decimal grading.

Item 1505	Sec01	2 Credits	12:30pm-1:20pm
TTh		Rm859	Kim, S
Meets with 1503. *Additional fees: \$21.00.			

MUSC 207**THE CRAFT OF SONGWRITING**

Students examine the craft of writing a song and investigate how structure, melody, and lyrics function together to create a well-written song. The history of songwriting and the classic work of great songwriters are used to explore the process of songwriting. Student option grading.

Item 1507	Sec01	2 Credits	3:30pm-5:20pm
M		Rm806	Ennis, S

MUSC 210**SONGWRITING WORKSHOP**

Explore songwriting techniques in a supportive community with other songwriters. Hone lyrics, sharpen melodies and polish song structure. Students will write and workshop numerous original works and develop their individual voices as songwriters. Prerequisite: MUSC 207 or instructor permission. Student option grading.

Evening Class

Item 1509	SecE1	2 Credits	5:30pm-7:20pm
M		Rm806	Ennis, S
*Additional fees: \$1.00/credit.			

MUSC& 243**SECOND-YEAR MUSIC THEORY**

Late 19th and 20th-century harmonic practice including, chromatic sequence, modes and synthetic scales, serialism and polytonality as well as 20th-century rhythmic techniques. Advanced melodic and harmonic dictation. Sight singing and keyboard assignments. Prerequisite: MUSC& 242 or permission of instructor. Mandatory decimal grading.

Item 1569	SecE1	5 Credits	9:30am-10:20am
DAILY		Rm818	Junkinsmith
*Additional fees: \$21.00 plus \$1.00/credit.			

MUSC 253**CLASS PIANO FOR MUSIC THEORY VI STUDENTS**

Music theory students continue to learn piano skills and techniques required of music majors. Concurrent enrollment in MUSC& 243 is required. Mandatory decimal grading.

Item 1511	SecE1	2 Credits	10:30am-11:20am
TThF		Rm814	Oliver, J
			10:30am-11:20am
F		Rm820	
Additional fees: \$21.00 plus \$1.00/credit.			

MUSC 270**PRIVATE INSTRUCTION - CLASSICAL VOICE 2**

Students sing in a variety of languages, give public performances, and continue to receive one-on-one mentoring to nurture artistic goals and improve vocal technique. This course enables the vocal music major to transfer two years of applied study to universities, colleges, and conservatories. Placement by audition. Instructor approval required. Mandatory decimal grading.

Item 1515	Sec02	1 Credit	ARR SteckerThors
Once instruction has begun, fees for private instruction are not refundable. *Additional fees: \$516.00.			

Item 1517	Sec03	1 Credit	ARR Norberg, E
Once instruction has begun, fees for private instruction are not refundable. *Additional fees: \$516.00.			

MUSC 280**INDIVIDUAL INSTRUCTION - CLASSICAL PIANO II**

Individual instruction on advanced technique and classical piano literature. Prerequisite: Intermediate reading knowledge of piano music. Permission of instructor. Mandatory decimal grading.

Item 1519	Sec01	1 Credit	ARR
			Azevedo, H
<i>Once instruction has begun, fees for private instruction are not refundable.</i>			
<i>*Additional fees: \$516.00.</i>			

Item 1521	Sec02	1 Credit	ARR
			Oliver, J
<i>Once instruction has begun, fees for private instruction are not refundable.</i>			
<i>*Additional fees: \$516.00.</i>			

Item 1523	Sec03	1 Credit	ARR
			Enlow, C
<i>Once instruction has begun, fees for private instruction are not refundable.</i>			
<i>*Additional fees: \$516.00.</i>			

MUSC 284**PRIVATE INSTRUCTION POPULAR VOICE II**

Individual instruction on advanced technique and classical piano literature. Prerequisite: Intermediate reading knowledge of piano music. Permission of instructor. Mandatory decimal grading.

Item 1525	Sec01	1 Credit	ARR
			Norberg, E
<i>Once instruction has begun, fees for private instruction are not refundable.</i>			
<i>*Additional fees: \$495.00.</i>			

Item 1527	Sec02	1 Credit	ARR
			SteckerThors
<i>Once instruction has begun, fees for private instruction are not refundable.</i>			
<i>*Additional fees: \$495.00.</i>			

MUSC 292**SPECIAL TOPICS IN MUSIC**

Classes focus on specific issues and/or topics of interest in music.

Item 1529	Sec01	2 Credits	10:30am-11:20am
	MW	Rm820	Oliver, J
<i>*Additional fees: \$21.00.</i>			

MUSC 296**PRIVATE INSTRUCTION INSTRUMENTAL**

Individual instruction on string, brass, woodwind and percussion instruments. Prerequisite: MUSC 196 or instructor permission. Mandatory decimal grading.

Item 1531	Sec01	1 Credit	ARR
			Kim, S/Reid, D
<i>Once instruction has begun, fees for private instruction are not refundable.</i>			
<i>*Additional fees: \$495.00 plus \$7.25/credit.</i>			

Item 1535	Sec03	1 Credit	ARR
			Dieterich, D/Reid, D
<i>Once instruction has begun, fees for private instruction are not refundable.</i>			
<i>*Additional fees: \$495.00 plus \$7.25/credit.</i>			

Item 1539	Sec05	1 Credit	ARR
			Godinez, D/Reid, D
<i>Once instruction has begun, fees for private instruction are not refundable.</i>			
<i>*Additional fees: \$495.00 plus \$7.25/credit.</i>			

Item 1543	Sec07	1 Credit	ARR
			Kashiwa, J/Reid, D
<i>Once instruction has begun, fees for private instruction are not refundable.</i>			
<i>*Additional fees: \$495.00 plus \$7.25/credit.</i>			

Item 1545	Sec08	1 Credit	ARR
			Reid, D
<i>Once instruction has begun, fees for private instruction are not refundable.</i>			
<i>*Additional fees: \$495.00 plus \$7.25/credit.</i>			

Item 1547	Sec09	1 Credit	ARR
			Keith, A/Reid, D
<i>Once instruction has begun, fees for private instruction are not refundable.</i>			
<i>*Additional fees: \$495.00 plus \$7.25/credit.</i>			

Item 1549	Sec10	1 Credit	ARR
			Gilyeart, B/Reid, D
<i>Once instruction has begun, fees for private instruction are not refundable.</i>			
<i>*Additional fees: \$495.00 plus \$7.25/credit.</i>			

MUSIC TECHNOLOGY**MUSTC 100****CAREER DEVELOPMENT**

A seminar to assist students in the exploration and development of a career in the music industry. Factual information is presented by professionals working in a variety of music-related careers. Student option grading.

Item 1571	SecE1	2 Credits	3:30pm-5:20pm
	W	Rm806	Ennis, S
<i>*Additional fees: \$1.00/credit.</i>			

MUSTC 102**RIGHTS AND METHODS IN MULTIMEDIA**

Students learn techniques for the development and marketing of various multimedia products. They will be introduced to legal issues relating to content including copyrighting, trademark law, publicity and privacy rights, unions and other related organizations. Student option grading.

Item 1573	SecE1	2 Credits	2:00pm-3:50pm
	F	Rm815	Grace, C
<i>*Additional fees: \$1.00/credit.</i>			

MUSTC 106**ACOUSTICS OF MUSIC**

Students are introduced to the acoustical properties of sound and music. The course begins with an introduction to simple vibrating systems, wave and wave propagation and progress and goes through the reception of sound, frequency and pitch to auditorium and room acoustics. Prerequisite: Successful completion of MATH 080 or MATH 098 (2.0 or better) or placement into MATH 099. Student option grading.

Item 1575	SecN1	5 Credits	ARR
	ONLINE		Reid, D
<i>*Additional fees: \$7.50/credit.</i>			

MUSTC 123**FIRST-YEAR AUDIO RECORDING III**

Students gain a deeper understanding of signal flow in a modern multi-track recording facility through the study and usage of audio recorders, amplifiers and speakers. This course is the third of a structured three-course sequence. Prerequisite: MUSTC 122 or instructor permission. Student option grading.

Item 1577	SecE1	3 Credits	12:30pm-1:45pm
	MW	Rm806	Barsotti, S
<i>*Additional fees: \$80.00 plus \$1.00/credit.</i>			

Item 1579	SecE2	3 Credits	12:30pm-1:45pm
	TTh	Rm806	Barsotti, S
<i>*Additional fees: \$80.00 plus \$1.00/credit.</i>			

MUSTC 133**DIGITAL AUDIO PRODUCTION III**

Sound design for static and dynamic applications and video games. Third course of 3 in series. Prerequisite: MUSTC 132 or equivalent with permission of instructor. Student option grading.

Item 1581	SecE1	3 Credits	3:30pm-6:20pm
	M	Rm820	Bressler, K
<i>*Additional fees: \$80.00 plus \$1.00/credit.</i>			

Item 1583	SecE2	3 Credits	3:30pm-6:20pm
	T	Rm820	Malott, S
<i>*Additional fees: \$80.00 plus \$1.00/credit.</i>			

MUSTC 135**INTRODUCTION TO LIVE SOUND REINFORCEMENT**

Introduction to theory and methods necessary for live sound reinforcement in diverse applications. Student option grading.

Evening Class

Item 3036	SecE1	2 Credits	6:30pm-8:20pm
	W	Rm818	Grace, C
<i>*Additional fees: \$80.00 plus \$1.00/credit.</i>			

MUSTC 143**INTRODUCTION TO POP & COMMERCIAL MUSIC THEORY I**

This course begins a process of study in ear training, harmony, rhythm, melody, nomenclature, and production skills necessary for success in pop and commercial music styles. Prerequisite: MUSC& 142 or instructor permission. Student option grading.

Item 1585	Sec01	3 Credits	11:30am-12:20pm
MWTh		Rm815	Kim, S

*Additional fees: \$21.00.

Item 1587	Sec03	3 Credits	12:30pm-1:45pm
MW		Rm815	Kim, S

*Additional fees: \$21.00.

MUSTC 151**INTRODUCTION TO MIDI**

Course introduces students to MIDI music production using synthesizers, sequencers, samplers, drum machines, personal computers and electronic control devices. The history, transmission, and protocol of the MIDI data stream are examined. Instruction is balanced between demonstration and hands-on learning opportunities. Prerequisite: VCT 124 (may be taken concurrently) or instructor permission. Student option grading.

Item 1589	SecN1	2 Credits	ARR
ONLINE			Kashiwa, J

*Additional fees: \$80.00 plus \$7.50/credit.

MUSTC 152**MIDI SEQUENCING I**

This course introduces students to MIDI sequencing technology using the Macintosh computer. Students learn basic MIDI production skills including real and step-time entry, quantization, looping, transposition, editing, and sound selection. The course features both demonstration and hands-on learning opportunities. Prerequisite: MUSTC 151. Student option grading.

Item 1591	SecN1	2 Credits	ARR
ONLINE			Kashiwa, J

*Additional fees: \$80.00 plus \$7.50/credit.

MUSTC 153**MIDI SEQUENCING II**

This course develops advanced skill in MIDI sequencing technology. Students learn MIDI functions including data manipulation in various editing environments, synchronization, humanization, and the use of plug-ins and virtual instruments. The course features a balance of demonstration and hands-on learning opportunities. Prerequisite: MUSTC 151, MUSTC 152. Student option grading.

Item 1593	SecN1	2 Credits	ARR
ONLINE			Kashiwa, J

*Additional fees: \$80.00 plus \$7.50/credit.

MUSTC 155**SYNTHESIZERS: SAMPLING, WAVETABLE, GRANULAR**

Learn the fundamental processes associated with sampling (looping, keyboard mapping, velocity layers, instrument building, and beat creation) and introduces other related methods of synthesis wavetable and granular synthesis. Uses a modular synth construction software application for analysis of concepts. Prerequisite: MUSTC 151 - Intro to MIDI or instructor permission. Student option grading.

Item 1595	SecE1	4 Credits	4:00pm-5:50pm
TTh		Rm814	Bristow, D

*Additional fees: \$117.70.

MUSTC 163**MIDI DRUM PROGRAMMING**

Students learn to program drumbeats using available MIDI devices. A variety of styles and approaches are presented to develop skill in both real-time and step entry programming. Instruction is balanced between demonstration and hands-on learning. Prerequisite: MUSTC 151 or instructor permission. Student option grading.

Item 1597	SecN1	2 Credits	ARR
ONLINE			Kashiwa, J

*Additional fees: \$80.00 plus \$7.50/credit.

MUSTC 200**NAVIGATING THE NEW MUSIC BUSINESS**

As conventional models in the music business crumble, we investigate new revenue streams and emerging businesses on the web, incorporating social media into P.R. and how to network effectively. Explore new ways of creating, financing, promoting and distributing music. Student option grading.

Item 1599	SecE1	3 Credits	3:30pm-5:50pm
T		Rm806	Ennis, S

*Additional fees: \$1.00/credit.

MUSTC 201**MASTERS AND MENTORS**

Students interact weekly with a different guest speaker from the local music community, including managers, label owners, studio owners, booking agents, entertainment lawyers and DIY musicians who bring real world credentials and expertise to the classroom. Student option grading.

Item 1601	SecE1	2 Credits	3:30pm-5:15pm
Th		Rm806	Ennis, S

*Additional fees: \$1.00/credit.

MUSTC 223**MULTITRACK MUSIC PRODUCTION III**

Students exercise advanced skills in multitrack music production while working as engineers and producers on recording projects. Emphasis is on the development of a student recording portfolio. This course is the third of a structured three-course sequence. Prerequisite: MUSTC 222 or equivalent with permission of instructor. Student option grading.

Evening Classes

Item 1603	SecE1	3 Credits	3:45pm-6:35pm
T		Rm818	Bressler, K

*Additional fees: \$80.00 plus \$1.00/credit.

Item 1605	SecE2	3 Credits	3:45pm-6:35pm
Th		Rm818	Bressler, K

*Additional fees: \$80.00 plus \$1.00/credit.

MUSTC 233**AUDIO POST III - DIGITAL AUDIO FOR VIDEO**

components for existing video material, using advanced production techniques on a non-linear digital audio workstation. Learn standards and practices used in the post-production industry in a recording studio environment. 3rd in series of 3. Prerequisite: MUSTC 133, MUSTC 232 or instructor permission. Student option grading.

Item 1607	SecE1	5 Credits	12:30pm-2:50pm
MW		Rm820	Malott, S/ Bressler, K

*Additional fees: \$80.00 plus \$1.00/credit.

Item 1609	SecE2	5 Credits	12:30pm-2:50pm
TTh		Rm820	Malott, S

*Additional fees: \$80.00 plus \$1.00/credit.

MUSTC 243**POP AND COMMERCIAL MUSIC THEORY III**

Application of music theory concepts to create commercially viable pop music. Advanced ear training, arranging, production techniques, chord substitution, progressions in non-diatonic function. Counterpoint technique in pop music. Individualized creative projects accumulate techniques acquired in 3-quarter sequence. Prerequisite: MUSTC 242 or equivalent with permission of instructor. Student option grading.

Item 1611	SecN1	5 Credits	ARR
ONLINE			Spitz, B

*Additional fees: \$21.00 plus \$7.50/credit.

MUSTC 250**CLASS PIANO FOR POPULAR AND COMMERCIAL MUSIC**

MUSTC 250 focuses on rhythmic and melodic improvisation techniques for performers, arrangers, and composers. Students play along with pre-recorded rhythm tracks using common chord progressions. Skills in reading standard music notation are NOT essential for success in the course. Prerequisite: MUSC 151 with a grade of 2.0 or better, or instructor permission. Mandatory decimal grading.

Item 1613	SecY1	2 Credits	10:30am-11:20am
M	Hybrid	Rm814	Spitz, B

*Additional fees: \$21.00 plus \$7.00/credit.

MUSTC 274**MUSIC TECHNOLOGY PORTFOLIO DEVELOPMENT**

Create a professional portfolio which includes samples of student's work and is tailored to each student. Prerequisite: Second-year standing and completion of advanced Music Technology courses, or with instructor permission. Student option grading.

Item 1617	SecE1	2 Credits	2:00pm-3:50pm
F		Rm820	Barsotti, S

*Additional fees: \$80.00 plus \$1.00/credit.

Item 1619	SecE2	2 Credits	4:00pm-5:50pm
F		Rm806	Bressler, K

*Additional fees: \$80.00 plus \$1.00/credit.

MUSTC 290**INTERNSHIP IN MUSIC BUSINESS**

Application of music business techniques and theories in an off-campus environment. Site approval must be obtained by student. This variable credit course may be repeated. Prerequisite: Completion of at least 45 credits in Entertainment Business program and instructor's permission. Student option grading.

Item 1621	Sec01	5 Credits	ARR Staff
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*Variable credit course. Register for the number of credits desired.

NURSING**NURS 094****SUCCESS STRATEGIES FOR NURSING STUDENTS**

Support for academic success in nursing. Includes reading, study, and test-taking skills, working in culturally diverse groups, drug dosage computation, and campus support services. An optional course recommended for those interested in improving academic skills or for whom English is not the native language. Prerequisite: Admission to the Nursing program. Concurrent enrollment in NURS 121 or permission required. Mandatory P/NC grading.

Item 1647	SecE1	2 Credits	1:30pm-3:20pm
Th		Rm2346	Arnquist, P

*Additional fees: \$1.00/credit.

NURS 095**CRITICAL THINKING IN THE NURSING PROCESS**

An optional problem-solving seminar designed to assist students in developing their critical thinking skills in relationship to the nursing process. Emphasis will be on case studies. Prerequisite: Advanced placement LPN student or concurrent enrollment in NURS 152 or permission. Mandatory P/NC grading.

Item 1649	SecE1	2 Credits	1:30pm-3:20pm
M		Rm2346	Filippi, L

*Additional fees: \$1.00/credit.

NURS 121**COMMUNICATION IN NURSING**

Application of basic princ. of communication and human relations to health care settings. Identification of problems in relationships and techniques for working with people of diverse backgrounds in health care environments. Equiv. to NURSE 121. Prerequisite: Admission to the Nursing Program. Concurrently with NURS 131. Mandatory decimal grading.

Item 1651	SecE1	3 Credits	1:00pm-3:50pm
T		Rm2305	Sharp, M/ De Luna, L

*Additional fees: \$20.00 plus \$1.00/credit.

NURS 131**SKILLS PRACTICE LABORATORY FOR COMMUNICATION**

Practice of communication skills including diverse clients with varying preferences, values, and needs. Includes professionalism, self-awareness and impact on communication, group process, and interprofessional relationships. Prerequisite: Admission to the Nursing program. Mandatory P/NC grading.

Item 1653	SecE1	1 Credit	8:30am-10:20am
W		Rm2316	Hayes, C/ De Luna, L

*Additional fees: \$1.00/credit.

Item 1655	SecE2	1 Credit	11:00am-12:50pm
W		Rm2316	Hayes, C/ De Luna, L

*Additional fees: \$1.00/credit.

Item 1657	SecE3	1 Credit	2:00pm-3:50pm
W		Rm2316	Hayes, C/ De Luna, L

*Additional fees: \$1.00/credit.

NURS 141**FOUNDATIONS OF NURSING PRACTICE**

Describes organizing framework foundational to the nursing program. Concepts include: critical thinking, nursing process, patient-centered care, homeostasis, and environment with emphasis on human needs and lifespan regarding the older adult. Socialization into the nursing profession is emphasized. Prerequisite: Admission to the Nursing Program. Concurrent with NURS 151 and 161. Mandatory decimal grading.

Item 1659	SecE1	3 Credits	9:30am-12:20pm
Th		Rm2308	Arnquist, P/ De Luna, L

*Additional fees: \$20.00 plus \$1.00/credit.

NURS 142**NURSING PRACTICE AND COMMON HEALTH DISTURBANCES**

Nursing care for persons with common health disturbances related to: immobility, malnutrition, infection, inflammation, healing, pain, perioperative care, unconsciousness, dementia, diabetes, integumentary and musculoskeletal disorders and end of life issues. Prerequisite: NURS 121, 131, 141, 151, 161. Taken concurrently with NURS 152 & 162. Mandatory decimal grading.

Item 1661	SecE1	5 Credits	8:30am-10:50am
M		Rm2346	Filippi, L
			1:00pm-3:20pm
T		Rm2346	Turner, D

*Additional fees: \$20.00 plus \$1.00/credit.

NURS 143**NURSING PRACTICE & COMPLEX HEALTH DISTURBANCES I**

Third course in the nursing sequence with emphasis on hospitalized patients with complex health disturbances. Focus is on the surgical experience, fluid, electrolyte and acid-base balance, respiratory, cardiac, neurological, immunological, cancer, gastrointestinal, endocrine, and sensory disturbances. Prerequisite: NURS 142, 152 and 162 with 2.0 or higher or advanced placement LPN entry. Mandatory decimal grading.

Item 1663	SecE1	6 Credits	7:30am-10:20am
MT		Rm2308	Glover, M/Dees, R

*Additional fees: \$20.00 plus \$1.00/credit.

NURS 151**NURSING FOUNDATIONS PRACTICUM**

Provides opportunity for student to apply the nursing process, communication techniques, and basic nursing skills in a long-term care setting. Equiv. to NURSE 142. Prerequisite: Admission to the Nursing Program. Concurrently with NURS 141 and 161. Mandatory P/NC grading.

Item 1665	SecE1	4 Credits	ARR
			Arnquist, P

**Additional fees: \$6.25 plus \$1.00/credit.*

Item 1667	SecE2	4 Credits	ARR
			Barrow, N/Arnquist, P

**Additional fees: \$6.25 plus \$1.00/credit.*

Item 1669	SecE3	4 Credits	ARR
			De Luna, L/Arnquist, P

**Additional fees: \$6.25 plus \$1.00/credit.*

Item 1671	SecE4	4 Credits	ARR
			Ong, R/Arnquist, P

**Additional fees: \$6.25 plus \$1.00/credit.*

NURS 152**COMMON HEALTH DISTURBANCES PRACTICUM**

Provides the opportunity to expand the use of nursing process and technical skills when caring for hospitalized persons. Emphasizes medication administration, health teaching and interpersonal communication. Prerequisite: NURS 121, 131, 141, 151, 161. Taken concurrently with NURS 142, 162. Mandatory P/NC grading.

Item 1673	SecE1	4 Credits	ARR
			Filippi, L/Wahbeh, D

**Additional fees: \$116.75.*

Item 1675	SecE2	4 Credits	ARR
			Wahbeh, D/Filippi, L

**Additional fees: \$116.75.*

Item 1677	SecE3	4 Credits	ARR
			Guidon, P/Filippi, L/Wahbeh, D

**Additional fees: \$116.75.*

Item 1679	SecE4	4 Credits	ARR
			Thorson-Mado/Filippi, L/Wahbeh, D

**Additional fees: \$116.75.*

NURS 153**COMPLEX HEALTH DISTURBANCES I PRACTICUM**

Students provide care for hospitalized individuals with complex health disturbances. Emphasis on persons undergoing surgery and intravenous management. Prerequisite: NURS 142, 152, and 162 with 2.0 or higher. Mandatory P/NC grading.

Item 1681	SecE1	5 Credits	ARR
			Glover, M/Town, C

**Additional fees: \$116.75.*

Item 1683	SecE2	5 Credits	ARR
			Mendoza-Davi/Town, C/Glover, M

**Additional fees: \$116.75.*

Item 1685	SecE3	5 Credits	ARR
			Dees, R/Town, C/Glover, M

**Additional fees: \$116.75.*

Item 1687	SecE4	5 Credits	ARR
			Town, C/Glover, M

**Additional fees: \$116.75.*

NURS 161**SKILLS PRACTICE LABORATORY I**

Provides on-campus experience practicing basic nursing skills. Equiv. to NURSE 132. Prerequisite: Admission to the Nursing Program. Concurrent enrollment in NURS 141 and 151. Mandatory P/NC grading.

Item 1689	SecE1	1 Credit	11:30am-1:20pm
F		Rm2352	Arnquist, P/ De Luna, L

**Additional fees: \$126.45.*

Item 1691	SecE2	1 Credit	1:30pm-3:20pm
F		Rm2352	Arnquist, P/ Elberier, M

**Additional fees: \$126.45.*

Item 1693	SecE3	1 Credit	3:30pm-5:20pm
F		Rm2352	Elberier, M/ Arnquist, P

**Additional fees: \$126.45.*

NURS 162**SKILLS PRACTICE LABORATORY II**

Provides progression in the practice of nursing skills in an on-campus laboratory setting. Prerequisite: NURS 121, 131, 141, 151, 161. Taken concurrently with NURS 142 and 152. Mandatory P/NC grading.

Item 1695	SecE1	1 Credit	7:00am-8:50am
T		Rm2352	Filippi, L/ Guidon, P

**Additional fees: \$46.45 plus \$1.00/credit.*

Item 1697	SecE2	1 Credit	9:30am-11:20am
T		Rm2352	Filippi, L/ Guidon, P

**Additional fees: \$46.45 plus \$1.00/credit.*

Item 1699	SecE3	1 Credit	3:30pm-5:20pm
T		Rm2352	Filippi, L/ Guidon, P

**Additional fees: \$46.45 plus \$1.00/credit.*

NURS 163**SKILLS PRACTICE LABORATORY III**

Third course in the nursing skills lab sequence. Students practice and demonstrate nursing skills in an on-campus laboratory setting. Prerequisite: NURS 142, 152, and 162 with 2.0 or higher, or advanced placement LPN entry. Mandatory P/NC grading.

Item 1701	SecE1	1 Credit	11:00am-12:50pm
M		Rm2352	Glover, M

**Additional fees: \$46.45 plus \$1.00/credit.*

Item 1703	SecE2	1 Credit	1:00pm-2:50pm
M		Rm2352	Town, C/Glover, M

**Additional fees: \$46.45 plus \$1.00/credit.*

Item 1705	SecE3	1 Credit	3:00pm-04:50pm
M		Rm2352	Town, C/Glover, M

**Additional fees: \$46.45 plus \$1.00/credit.*

NURS 221**NURSE PRACTICE AND COMPLEX HEALTH DISTURBANCES II**

Fourth course in the nursing sequence, with emphasis on care of the person with complex health disturbances. Focuses on neurological, biliary, genitourinary, renal and reproductive system dysfunctions. Nursing role with toxic agent exposure and disaster management is included. Prerequisite: NURS 143 completed with 2.0 or above and 153, 163 with Pass. Advanced Placement LPN students need NURS 095, 121, 131, 143, 163. Taken concurrently with NURS 231. Mandatory decimal grading.

Item 1707	SecE1	2.5 Credits	8:30am-10:20am
T		Rm2305	Sharp, M/Kost, M

**Additional fees: \$20.00 plus \$1.00/credit.*

NURS 222**NURSING PRACTICE AND THE CHILDBEARING FAMILY**

Fifth course in the nursing sequence which focuses on the physiological and psychological changes occurring during the childbearing experience, including care of the mother, newborn, and family unit. Explores cultural implications and diverse approaches and attitudes regarding childbearing. Prerequisite: NURS 221 and 241 completed with 2.0 or above and NURS 231 and 251 with Pass. Taken concurrently with NURS 232. Mandatory decimal grading.

Item 1709	SecE1	3 Credits	1:00pm-3:50pm
M		Rm2305	Rasmussen, S/ Dallenbach

*Additional fees: \$20.00 plus \$1.00/credit.

NURS 223**NURSING PRACTICE & COMPLEX HEALTH DISTURBANCES III**

Sixth course in the nursing sequence with emphasis on care of persons with complex health disturbances. Focuses on hematopoietic disorders, acute renal, cardiac, and respiratory disorders, trauma, severe burns, and the hospitalized child. Concepts of pharmacology are integrated. Prerequisite: NURS 222 and 242 completed with 2.0 or above and NURS 232 and 252 with Pass. Taken concurrently with NURS 233. Mandatory decimal grading.

Item 1711	SecE1	3 Credits	1:00pm-3:50pm
T		Rm2308	Sterner, A/ Howerter, E

*Additional fees: \$20.00 plus \$1.00/credit.

NURS 231**COMPLEX HEALTH DISTURBANCES II PRACTICUM**

Students provide care for hospitalized individuals with complex health disturbances. Prerequisite: NURS 143 completed with 2.0 or above, NURS 153 & 163 with Pass. Advanced Placement LPN students need NURS 095, 121, 131, 143, 163. Taken concurrently with NURS 221. Mandatory P/NC grading.

Item 1713	SecE1	5 Credits	ARR Kost, M
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*Additional fees: \$116.75.

Item 1715	SecE2	5 Credits	ARR Mendoza-Davi/Kost, M
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*Additional fees: \$116.75.

Item 1717	SecE3	5 Credits	ARR Wells, E/Kost, M
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*Additional fees: \$116.75.

Item 1719	SecE4	5 Credits	ARR Moffett, L/Kost, M
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*Additional fees: \$116.75.

NURS 232**NURSING AND CHILDBEARING FAMILY PRACTICUM**

Expands use of the nursing process and advanced skills to the care of the childbearing family unit with emphasis on antepartal, intrapartal and postpartal care of mothers and newborns in both acute care and community settings. Prerequisite: NURS 221 and 241 completed with 2.0 or above and NURS 231 and 251 with Pass. Taken concurrently with NURS 222. Mandatory P/NC grading.

Item 1721	SecE1	4 Credits	ARR Dallenbach, C/Rasmussen, S/Baxter, A/Staff
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*Additional fees: \$116.75.

Item 1723	SecE2	4 Credits	ARR Hayes, C/Rasmussen, S/Baxter, A/Dallenbach
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*Additional fees: \$116.75.

Item 1725	SecE3	4 Credits	ARR Haan, M/Rasmussen, S/Baxter, A/Dallenbach
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*Additional fees: \$116.75.

Item 1727	SecE4	4 Credits	ARR Arford, D/Dallenbach/Rasmussen, S/Baxter, A Dallenbach
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*Additional fees: \$116.75.

NURS 233**COMPLEX HEALTH DISTURBANCES III PRACTICUM**

Sixth course in nursing sequence with clinical nursing practice in acute care setting. Students apply theory attained in all previous levels as well as NURS 223. Focuses on transition to registered nurse role. Prerequisite: NURS 222 and 242 completed with 2.0 or above and NURS 232 and 252 with Pass. Taken concurrently with NURS 223. Mandatory P/NC grading.

Item 1729	SecE1	4 Credits	ARR Sterner, A
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*Additional fees: \$116.75.

Item 1731	SecE2	4 Credits	ARR Howerter, E/Sterner, A
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*Additional fees: \$116.75.

Item 1733	SecE3	4 Credits	ARR Turner, D/Sterner, A
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*Additional fees: \$116.75.

Item 1735	SecE4	4 Credits	ARR Capone, C/Sterner, A
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*Additional fees: \$116.75.

NURS 241**NURSING PRACTICE AND PSYCHOSOCIAL DISTURBANCE**

Concepts of mental health, psychopathology, treatment modalities, psychopharmacology and the effect of culture and development on mental health status, and the mental health system and its effects on individuals are explored. Principles of psychosocial nursing and work with the interdisciplinary team are emphasized. Prerequisite: NURS 143 with 2.0 or above, NURS 153 & 163 with Pass. Advanced Placement LPN students need NURS 095, 121, 131, 143, 163. Taken concurrently with NURS 251. Mandatory decimal grading.

Item 1737	SecE1	2.5 Credits	9:00am-10:50am
M		Rm2305	Sharp, M/ Kost, M

*Additional fees: \$20.00 plus \$1.00/credit.

NURS 242**NURSING PRACTICE AND HEALTH PROMOTION**

Nursing course focuses on maintaining and promoting optimal health in individuals and families across the life span. Emphasis on vulnerable populations experiencing disparities related to power and privilege. Prerequisite: NURS 221 and 241 completed with 2.0 or above and NURS 231 and 251 with Pass. Taken concurrently with NURS 252. Mandatory decimal grading.

Item 1739	SecE1	3.5 Credits	1:00pm-4:20pm
W		Rm2308	De Luna, L/ Rasmussen, S

*Additional fees: \$20.00 plus \$1.00/credit.

NURS 243**MANAGING NURSING CARE IN THE HEALTH CARE SYSTEM**

Basic management theory applied to nursing and the management of patient/client care. Explores the challenges, issues, and trends affecting the nursing profession and the health care system of today. Provides information related to legal issues surrounding licensure and practice. Prerequisite: NURS 222 and 242 completed with 2.0 or above and NURS 232 and 252 with Pass. Taken concurrently with NURS 253. Limited to students in Nursing Program. Mandatory decimal grading.

Item 1741	SecE1	3 Credits	1:00pm-3:50pm
M		Rm2305	Kost, M/ Arnquist, P

*Additional fees: \$20.00 plus \$1.00/credit.

NURS 251**PSYCHOSOCIAL DISTURBANCE PRACTICUM**

Provision of care for persons with psychiatric disturbances in a variety of settings. Working with interdisciplinary team is emphasized. Prerequisite: NURS 143 completed with 2.0 or higher and NURS 153 & 163 with Pass. Advanced Placement LPN students need NURS 095, 121, 131, 143, 163. Taken concurrently with NURS 241. Mandatory P/NC grading.

Item 1743	SecE1	2 Credits	ARR
			Douglas, E/Sharp, M

**Additional fees: \$6.25 plus \$1.00/credit.*

Item 1745	SecE2	2 Credits	ARR
			Sharp, M

**Additional fees: \$6.25 plus \$1.00/credit.*

Item 1747	SecE3	2 Credits	ARR
			McCluskey, R/Sharp, M

**Additional fees: \$6.25 plus \$1.00/credit.*

Item 1749	SecE4	2 Credits	ARR
			Usher, R/Sharp, M

**Additional fees: \$6.25 plus \$1.00/credit.*

NURS 252**NURSING AND HEALTH PROMOTION PRACTICUM**

Nursing practicum in ambulatory and community settings with focus on use of nursing process and promoting health in vulnerable populations experiencing disparities. Prerequisite: NURS 221 and 241 completed with 2.0 or above. NURS 231 and 251 with Pass. Taken concurrently with NURS 242. Mandatory P/NC grading.

Item 1751	SecE1	1.5 Credits	ARR
			Haan, M/Rasmussen, S/Baxter, A

**Additional fees: \$6.25 plus \$1.00/credit.*

Item 1753	SecE2	1.5 Credits	ARR
			Rasmussen, S/Baxter, A

**Additional fees: \$6.25 plus \$1.00/credit.*

Item 1755	SecE3	1.5 Credits	ARR
			Rasmussen, S/Baxter, A

**Additional fees: \$6.25 plus \$1.00/credit.*

NURS 253**MANAGING NURSING CARE PRACTICUM**

Apply basic leadership/management theories to leading the nursing team and managing care for a group of clients. Emphasis on regulation of nursing practice and transition to nursing practice in the RN role. Prerequisite: NURS 222 and 242 completed with 2.0 or above and NURS 232 and 252 with Pass. Taken concurrently with NURS 243. Limited to students accepted into the Nursing Program. Mandatory P/NC grading.

Item 1757	SecE1	2 Credits	ARR
			Sterner, A

**Additional fees: \$6.25 plus \$1.00/credit.*

Item 1759	SecE2	2 Credits	ARR
			Capone, C/Sterner, A

**Additional fees: \$6.25 plus \$1.00/credit.*

Item 1761	SecE3	2 Credits	ARR
			Capone, C/Sterner, A

**Additional fees: \$6.25 plus \$1.00/credit.*

NURSING - 10 QUARTER**NURSE 097****CRITICAL THINKING IN THE NSG PROCESS I - 10 QTR**

An optional problem-solving seminar designed to assist students in developing their critical thinking skills in relationship to the nursing process. Emphasis will be on case studies. Prerequisite: Current enrollment in 10-Quarter Nursing Program. Mandatory Pass/NC grading.

Item 2025	SecE1	2 Credits	Turner, D
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**Additional fees: \$1.00/credit.*

NURSE 123**NSG PRACTICE & COMMON HEALTH DISTURBANCES-10-QTR**

Nursing care for persons with common health disturbances related to immobility, malnutrition, infection, inflammation, pain, peri-operative care, unconsciousness, integument, diabetes, cancer, eye/ear disorders, immune dysfunction, musculoskeletal disorders and end-of-life issues across the life span. Includes nursing skills practice lab. Prerequisite: NURSE 122, 132, 142. Mandatory decimal grading.

Item 1769	SecE1	7 Credits	ARR
			Filippi, L/Glover, M/Turner, D

**Additional fees: \$100.00.*

Item 3006	SecE2	7 Credits	ARR
			Filippi, L/Glover, M/Turner, D

**Additional fees: \$100.00.*

NURSING ASSISTANT - CERTIFIED**NAC 103****NURSING ASSISTANT (NAC) THEORY AND SKILLS LAB**

This course prepares students for the WA State Nursing Assistant exam for state certification. It includes the essentials of care giving, body systems, basic nutrition, and infection control. Hands-on training is provided in a supervised laboratory setting where students master the skills required for state certification. Prerequisite: Acceptance into the NAC program. Non-ESL students: CASAS score of 220 in reading and either CASAS score of 220 in math or passing grade on NAC math assessment test. ESL Students: CASAS score of 220 in reading and listening, passing score on NAC math assessment test or instructor permission. Concurrent enrollment in NAC 104. Mandatory P/NC grading.

Item 1633	SecE1	13 Credits	8:00am-10:50am
WTh		Rm2305	Moran-Martin
			11:30am-2:20pm
F		Rm2305	Riesland, C
			8:00am-10:50am
F		Rm2352	
			11:30am-1:50pm
WTh		Rm2352	
<i>Meets with 1635. For program information contact: (206) 546-6930. *Additional fees: \$440.50 plus \$1.00/credit.</i>			

Item 1635	SecIB1	13 Credits	8:00am-10:50am
WTh		Rm2305	Riesland, C
			8:00am-10:50am
F		Rm2352	Moran-Martin
			11:30am-01:50pm
WTh		Rm2352	Lynch, D
			11:00am-2:20pm
F		Rm2305	
<i>Meets with 1633. For program information contact: (206) 546-6930. *Additional fees: \$440.50 plus \$1.00/credit.</i>			

NAC 104**NURSING ASSISTANT CLINICAL EXPERIENCE**

The course is required for all nursing assistant students and provides additional hands-on training in a real client care setting. Students are expected to participate in eight-hour shifts for a total of seven days. Prerequisite: Acceptance into the NAC program and successful completion of NAC 101 and 102 with a pass. Mandatory P/NC grading.

Item 1637 SecE1 3 Credits ARR
Riesland, C
For program information contact: (206) 546-6930. *Additional fees: \$6.25 plus \$1.00/credit.

Item 1639 SecE2 3 Credits ARR
Staff
For program information contact: (206) 546-6930. *Additional fees: \$6.25 plus \$1.00/credit.

NUTRITION**NUTR& 101****NUTRITION**

A general study of nutrients in food, its digestion, absorption and metabolism. Course also deals with energy balance, weight control, nutritional assessment and improvement of general well-being. Prerequisite: Recommended completion of MATH 070 and ENGL 099 or EAP 099. Student option grading.

Item 1779 SecY1 5 Credits 8:30am-9:20am
MTWTh Hybrid Rm2517 Leahy, A
*Additional fee: \$7.00/credit.

Item 1781 SecY2 5 Credits 9:30am-10:20am
MTWTh HYBRID Rm2517 Leahy, A
*Additional fee: \$7.00/credit.

Item 1783 SecY3 5 Credits 10:30am-11:20am
MTWTh Hybrid Rm2517 Gibson, N
*Additional fee: \$7.00/credit.

Item 1773 SecN1 5 Credits ARR
ONLINE Leahy, A
*Additional fee: \$7.50/credit.

Item 1775 SecN2 5 Credits ARR
ONLINE Putnam, K
*Additional fee: \$7.50/credit.

Item 3007 SecN3 5 Credits ARR
ONLINE Leahy, A
*Additional fee: \$7.50/credit.

Item 1777 SecN4 5 Credits ARR
ONLINE Rovner, A
*Additional fee: \$7.50/credit.

NUTR 188**NUTRITION AND FITNESS**

This course is designed for anyone wanting to improve their health through nutrition and fitness, from recreational exercisers to serious athletes. Included are discussions of fitness goals and guidelines, nutrients and energy systems, weight maintenance, eating disorders, nutrition misinformation, and supplement use. Dual listed with PE 188. Prerequisites: Recommended completion of MATH 070 and ENGL 099 or EAP 099.

Item 1771 SecN1 3 Credits ARR
ONLINE Leahy, A
Meets with 1809. *Additional fees: \$1.00/credit.

PARENT EDUCATION**PARED 116****PARENT COOPERATIVE PRESCHOOL 3: 0-1, 1-DAY**

Lecture/lab for parents of birth to one year olds; PARED 114/115/116 together cover parenting the infant: child development, influences on development, guidance and discipline, health, nutrition, play, language and literacy development. Sequence of topics is by instructor discretion. Instructor approval required. Mandatory P/NC grading.

Item 8000 Sec01 2 Credits ARR
Carroll, S

Item 8001 Sec02 2 Credits ARR
Middleton, E

Item 8002 Sec03 2 Credits ARR
Carroll, S

Item 8004 Sec04 2 Credits ARR
Edwards, E.

PARED 126**PARENT COOPERATIVE PRESCHOOL 3: 1-2, 1-DAY**

Lecture/lab for parents of 8mo-2 year olds; PARED 124/125/126 together cover parenting the 8mo-2 year old: child development, influences on development, guidance and discipline, health, nutrition, play, language, and literacy development. Sequence of topics is by instructor discretion. Instructor approval required. Mandatory P/NC grading.

Item 8011 Sec01 2 Credits ARR
Rezayat, E

Item 8012 Sec02 2 Credits ARR
Middleton, E

Item 8013 Sec03 2 Credits ARR
Green, J

Item 8014 Sec04 2 Credits ARR
Goldstein, G

Item 8015 Sec05 2 Credits ARR
Carroll, S

Item 8016 Sec06 2 Credits ARR
Homer, M

Item 8017 Sec7 2 Credits ARR
Gesinger, J

Item 8018 Sec08 2 Credits ARR
Edwards, E

Item 8019 Sec09 2 Credits ARR
Edwards, E

PARED 136**PARENT COOPERATIVE PRESCHOOL 3:2-3, 1-DAY**

Lecture/lab for parents of 2-3 year olds; 1-day/week option. PARED 134, 135, 136 together cover parenting the 2-3 year old: child development, influences on development, guidance and discipline, health, nutrition, play, language and literacy development. Instructor approval required. Mandatory P/NC grading.

Item 8021 Sec01 2 Credits ARR
Carroll, S.

Item 8022 Sec02 2 Credits ARR
Carroll, S

PARED 139**PARENT COOPERATIVE PRESCHOOL 3: 2-3, 2-DAY**

Lecture/lab for parents of 2-3 year olds; 2-day/week option. PARED 137/138/139 together cover parenting the 2-3 year old: child development, influences on development, guidance and discipline, health, nutrition, play, language and literacy development. Instructor approval required. Mandatory P/NC grading.

Item 8031	Sec01	2 Credits	ARR Blackstone
Item 8032	Sec02	2 Credits	ARR Rezayat, E
Item 8033	Sec03	2 Credits	ARR Edwards, E
Item 8034	Sec04	2 Credits	ARR Goldstein, G
Item 8035	Sec05	2 Credits	ARR Cornwell, M
Item 8036	Sec06	2 Credits	ARR Anderson, D

PARED 146**PARENT COOPERATIVE PRESCHOOL 3: 3-4, 3-DAY**

Lecture/lab for parents of 3-4 year olds; PARED 144/145/146 together cover parenting the 3-4 year old: child development, influences on development, guidance and discipline, health, nutrition, play, language, and literacy development. Sequence of topics is by instructor discretion. Instructor approval required. Mandatory P/NC grading.

Item 8041	Sec01	3 Credits	ARR Gesinger, J
Item 8042	Sec02	3 Credits	ARR Foster, K
Item 8043	Sec03	3 Credits	ARR Burnham, J
Item 8045	Sec05	3 Credits	ARR Anderson, D
Item 8046	Sec06	3 Credits	ARR Spitalli, J
Item 8047	Sec07	3 Credits	ARR Goldstein, G

PARED 156**PARENT COOPERATIVE PRESCHOOL 3: 4-5, 3-DAY**

Lecture/lab for parents of 4-5 year olds: PARED 154/155/156 together cover parenting the 4-5 year old: child development, influences on development, guidance and discipline, health, nutrition, play, language, and literacy development. Sequence of topics is by instructor discretion. Instructor approval required. Mandatory P/NC grading.

Item 8051	Sec01	3 Credits	ARR Foster, K
Item 8052	Sec02	3 Credits	ARR Gesinger, J
Item 8053	Sec03	3 Credits	ARR Anderson, D
Item 8054	Sec04	3 Credits	ARR Ghilarducci
Item 8055	Sec05	3 Credits	ARR Spitalli, J
Item 8056	Sec06	3 Credits	ARR Cornwell, M

PARED 166**PARENT COOPERATIVE PRESCHOOL 3:3-5, 2-DAY**

Lecture/lab for parents of 3-5 year olds: Topics include child development, influences on development, guidance & discipline, health, nutrition, play, language, & literacy development. Mandatory P/NC grading.

Item 8064	Sec01	2 Credits	ARR Green, J
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PARED 169**PARENT COOPERATIVE PRESCHOOL 3:3-5, 3-DAY**

Lecture/lab for parents of 3-5 year olds: Topics include child development, influences on development, guidance & discipline, health, nutrition, play, language, & literacy development. Mandatory P/NC grading.

Item 8069	Sec01	3 Credits	ARR Childs, C
Item 8073	Sec02	3 Credits	ARR Childs, C

PARED 176**PARENT COOPERATIVE PRESCHOOL 3: 1-4, 1-DAY**

Lecture/lab for parents of 1-4 year olds. Topics include child development, influences on development, guidance & discipline, health, nutrition, play, language & literacy development. Prerequisite: None. Instructor permission required. Mandatory P/NC grading.

Item 8071	Sec01	2 Credits	ARR Rezayat, E
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PARED 179**PARENT COOPERATIVE PRESCHOOL 3:1-4, 2-DAY**

Lecture/lab for parents of 1-4 year olds. Topics include child development, influences on development, guidance & discipline, health, nutrition, play, language & literacy development. Mandatory P/NC grading.

Item 8077	Sec02	2 Credits	ARR Rezayat, E
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PARED 194**PARENT COOPERATIVE PRESCHOOL 1:1-5**

Lecture/lab for parents of 1-5 year olds. Topics include child development, influences on development, the importance of play-based learning, guidance & discipline, health, nutrition, and scientific thinking. Sequence of topics is by instructor discretion. Prerequisite: Instructor permission required. Mandatory P/NC grading.

Item 8091	Sec01	0.5 Credits	ARR Staff
Item 8092	Sec02	0.5 Credits	ARR Staff
Item 8093	Sec03	0.5 Credits	ARR Staff

PHILOSOPHY**PHIL& 101****INTRODUCTION TO PHILOSOPHY**

Examination and discussion of important philosophical arguments pertaining to the classic questions of philosophy, including: Does God exist? What is truth? How does knowledge differ from opinion? What is consciousness? Do we have free will? What is justice? Prerequisite: Recommend successful completion of ENGL 099 or placement into ENGL& 101. Student option grading.

Item 1859	SecY1	5 Credits	9:30am-10:20am
MTWTh	HYBRID	Rm2208	Glezen, P

*Additional fees: \$7.00/credit.

Item 1853	SecN1	5 Credits	ARR Glezen, P
ONLINE			

*Additional fees: \$7.50/credit.

PHIL 102**CONTEMPORARY MORAL PROBLEMS**

Students examine a variety of different ethical standpoints and theories which they apply to moral issues such as war, human trafficking, capital punishment, human rights, animal rights, euthanasia, the environment, abortion, racial and ethnic discrimination, social justice, and issues of gender and sexuality. Prerequisite: Recommend successful completion of ENGL 099 or placement into ENGL& 101. Student option grading.

Item 1849	SecY1	5 Credits	8:30am-9:20am
MTWTh	HYBRID	Rm2208	Lindenmuth

*Additional fees: \$7.00/credit.

PHIL& 120**SYMBOLIC LOGIC**

An informal, non-symbolic introduction to logic and critical thinking emphasizing real-life examples, natural language applications, and the informal logical fallacies. Student option grading.

Item 1863	SecN1	5 Credits	ARR
ONLINE			Yu, C

*Additional fees: \$7.50/credit.

PHIL 210**COMPARATIVE RELIGION**

A comparative survey of the history, beliefs and practices of major religions and religious traditions around the world. Judaism, Christianity, Islam, Hinduism, Buddhism, Taoism, Jainism, Shintoism, Native American traditions and traditions of other indigenous peoples, Witchcraft, and so forth. Student option grading.

Item 2027	SecY1	5 Credits	10:30am-11:20am
MTWTh	HYBRID	Rm2150	Lindenmuth

*Additional fees: \$7.00/credit.

PHIL 248**ETHICAL ISSUES IN CRIMINAL JUSTICE**

Critical discussion of the philosophical, psychological, ethical underpinnings of human behavior in the Criminal Justice system, including ethical challenges and issues of multiculturalism within the Criminal Justice system. Mandatory decimal grading.

Item 1851	SecN1	5 Credits	ARR
ONLINE			Neese, M

*Additional fees: \$7.50/credit.

PHYSICAL EDUCATION**PE 105****BADMINTON I**

Introduction to the rules, techniques, physical skills, and strategies of the game of badminton. Students will learn origins and rules, develop individual skills and reinforce their skill through competitive games and tournament experiences. Student option grading.

Item 1785	SecE1	2 Credits	9:30am-10:20am
TTh		Rm3020	Semanskee, T

Meets with 1811 and 1829. *Additional fees: \$1.00/credit.

Item 3045	SecE2	2 Credits	11:30am-12:20pm
MW		Rm3020	Semanskee, A

Meets with 3046 and 1837. *Additional fees: \$1.00/credit.

PE 116**TAI CHI I**

Introduction to the art of Tai Chi and its basis in Chinese philosophy as it relates to the development of the individual. Students will develop basic Tai Chi moves and learn a form of exercise based on soft, fluid movements. Previously PE 133. Student option grading.

Item 1787	SecE1	2 Credits	4:00pm-5:50pm
Th		Rm3025	Grendon, S

Meets with 1813 and 1845. *Additional fees: \$1.00/credit.

PE 117**YOGA I**

Introductory class where the focus is from the inside out. Gain better balance, strength, flexibility and stability from the body's core. Will blend energizing effort with relaxing, while quieting the mind, toning the body and inspiring personal confidence. Student option grading.

Item 1791	SecE2	2 Credits	11:30am-12:20pm
TTh		Rm3025	Attridge, S

Meets with 1817 and 1843. *Additional fees: \$1.00/credit.

Evening Class

Item 1793	SecE3	2 Credits	6:00pm-6:50pm
TTh		Rm3025	Attridge, S

Meets with 1819 and 1831. *Additional fees: \$1.00/credit.

PE 126**YOGA I YOGA/PILATES FUSION I**

Introduction to the flexibility, balance, and breathing aspects of Yoga combined with the strengthening properties of Pilates for a complete body workout; toning the body, reducing stress, and building self-confidence. Mandatory decimal grading.

Item 1795	SecE1	2 Credits	10:30am-11:20am
TTh		Rm3025	Semanskee, T

Meets with 1821 and 1835. *Additional fees: \$1.00/credit.

PE 136**WEIGHT TRAINING & CARDIO FITNESS**

A complete muscular strength and cardiovascular fitness training experience centered around individual machine techniques. Allows the student to develop and experience their own personal fitness program. Student option grading.

Item 1797	SecE1	2 Credits	9:30am-10:20am
MW		Rm3007	Toney, M

Meets with 1823 and 1839. *Additional fees: \$1.00/credit.

Item 1799	SecE2	2 Credits	11:30am-12:20pm
TTh		Rm3007	Semanskee, T

Meets with 1825 and 1841. *Additional fees: \$1.00/credit.

PE 139**CORE STRENGTH CONDITIONING I**

Develop and understand the importance of core body strength through a variety of activities including yoga, Pilates, the exercise ball and resistance exercises. Focus will be on the development of the core muscle groups while developing over all body strength and flexibility. Student option grading.

Item 1801	SecE1	2 Credits	10:30am-11:20am
MW		Rm3007	Semanskee, A

Meets with 1827 and 1833. *Additional fees: \$1.00/credit.

PE 171**CIRCUS PERFORMANCE: BALANCE AND MOTION**

Expand dramatic and kinesthetic abilities. Learn juggling, rope walking, other circus skills. Practice theories of balance, motion. Develop historical, international perspectives on performance art. Create dramatic performance as final project. Excellent training for actors and athletes. Dual listed as DRMA 171. Student option grading.

Item 1803	SecE1	3 Credits	4:00pm-5:15pm
MW		Rm3025	Shields, R

Meets with 3009. *Additional fees: \$1.00/credit.

PE 184**ACTIVE WEIGHT MAINTENANCE**

Exercise strategies for optimal weight. Develop personalized behavior changes to advance wellness for weight management. Mandatory decimal grading.

Item 1805	SecN1	2 Credits	ARR
ONLINE			Toney, M

*Additional fees: \$7.50/credit.

PE 186**ACTIVE MINDFULNESS**

Explore activities/mindfulness strategies for healthy weight management and wellness. Mandatory decimal grading.

Item 1807	SecN1	2 Credits	ARR
ONLINE			Toney, M

*Additional fees: \$7.50/credit.

PE 188**NUTRITION AND FITNESS**

This course is designed for anyone wanting to improve their health through nutrition and fitness, from recreational exercisers to serious athletes. Included are discussions of fitness goals and guidelines, nutrients and energy systems, weight maintenance, eating disorders, nutrition misinformation, and supplement use. Dual listed with NUTR 188. Prerequisites: Recommended completion of MATH 070 & ENGL 099 or EAP 099. Student option grading.

Item 1809	SecN1	3 Credits	ARR
ONLINE			Leahy, A

Meets with 1771. *Additional fees: \$1.00/credit.

PE 205**Badminton II**

Advanced study of the rules, techniques, physical skills, and strategies of the game of badminton. Drills, individual performance tasks and reinforcement of skill through competitive games and tournament experiences. Prerequisite: PE 105 or instructor permission. Student option grading.

Item 1811	SecE1	2 Credits	9:30am-10:20am
TTh		Rm3020	Semanskee, T

Meets with 1785 and 1829. *Additional fees: \$1.00/credit.

Item 3046	SecE2	2 Credits	11:30am-12:20pm
MW		Rm3020	Semanskee, A

Meets with 3045 and 1837. *Additional fees: \$1.00/credit.

PE 216**Tai Chi II**

Advanced level class. Builds on and focuses on mastery of basic skills, techniques and philosophy of Tai Chi, as expressed in Chinese culture. Introduction to advanced skills and movements. Prerequisite: PE 116 or instructor permission. Student option grading.

Item 1813	SecE1	2 Credits	4:00pm-5:50pm
Th		Rm3025	Grendon, S

Meets with 1787 and 1845. *Additional fees: \$1.00/credit.

PE 217**YOGA II**

Advanced class. Increase your balance, strength, flexibility and stability from the body's core with refined yoga techniques. Blend energizing effort with relaxing; inhaling with exhaling, quieting, toning the body, and inspiring personal confidence. Prerequisite: PE 117 or permission. Student option grading.

Item 1817	SecE2	2 Credits	11:30am-12:20pm
TTh		Rm3025	Attridge, S

Meets with 1791 and 1843. *Additional fees: \$1.00/credit.

Evening Class

Item 1819	SecE3	2 Credits	6:00pm-6:50pm
TTh		Rm3025	Attridge, S

Meets with 1793 and 1831. *Additional fees: \$1.00/credit.

PE 226**YOGA/PILATES FUSION II**

Advanced study of Yoga and Pilates as an integrated combination designed to provide a complete body workout which will improve flexibility, balance, breathing, core strengthening, stress reduction and self-confidence. Prerequisite: PE 126 or instructor permission. Mandatory decimal grading.

Item 1821	SecE1	2 Credits	10:30am-11:20am
TTh		Rm3025	Semanskee, T

Meets with 1795 and 1835. *Additional fees: \$1.00/credit.

PE 236**WEIGHT TRAINING AND CARDIO FITNESS II**

Advanced muscular and cardiovascular strength and endurance training. Student will be expected to know the elements of fitness and principles of overall body condition, and be able to develop and execute several training regimens. Prerequisite: PE 136 or instructor permission. Student option grading.

Item 1823	SecE1	2 Credits	9:30am-10:20am
MW		Rm3007	Toney, M

Meets with 1797 and 1839. *Additional fees: \$1.00/credit.

Item 1825	SecE2	2 Credits	11:30am-12:20pm
TTh		Rm3007	Semanskee, T

Meets with 1799 and 1841. *Additional fees: \$1.00/credit.

PE 239**Core Strength Conditioning II**

Advanced core fitness training using a variety of exercise forms including yoga, pilates, BOSU, exercise ball and light weights. Develop an understanding of core strength development and its relationship to health and fitness. Prerequisite: PE 139 or instructor permission. Student option grading.

Item 1827	SecE1	2 Credits	10:30am-11:20am
MW		Rm3007	Semanskee, A

Meets with 1801 and 1833. *Additional fees: \$1.00/credit.

PE 260**FITNESS PARTICIPATION**

Fitness experience designed for the student who already has knowledge in a team or individual sport, or lifetime fitness activity and is interested in continuing participation in that activity. Grade based on attendance and participation only. No written assignments. Prerequisite: 100 or 200 level of the specific activity course required. Mandatory P/NC grading.

Item 1829	SecE1	1 Credit	9:30am-10:20am
TTh		Rm3020	Semanskee, T

Meets with 1785 & 1811. *Additional fees: \$1.00/credit.

Item 1839	SecE5	1 Credit	9:30am-10:20am
MW		Rm3007	Toney, M

Meets with 1797 & 1823. *Additional fees: \$1.00/credit.

Item 1833	SecE2	1 Credit	10:30am-11:20am
MW		Rm3007	Semanskee, A

Meets with 1801 & 1827. *Additional fees: \$1.00/credit.

Item 1835	SecE4	1 Credit	10:30am-11:20am
TTh		Rm3025	Semanskee, T

Meets with 1795 & 1821. *Additional fees: \$1.00/credit.

Item 1837	SecE3	1 Credit	11:30am-12:20pm
MW		Rm3025	Semanskee, T

Meets with 3045 & 3046. *Additional fees: \$1.00/credit.

Item 1841	SecE6	1 Credit	11:30am-12:20pm
TTh		Rm3007	Semanskee, T

Meets with 1799 & 1825. *Additional fees: \$1.00/credit.

Item 1843	SecE7	1 Credit	11:30am-12:20pm
TTh		Rm3025	Attridge, S

Meets with 1791 & 1817. *Additional fees: \$1.00/credit.

Item 3009	SecE8	1 Credit	4:00pm-5:15pm
MW		Rm3025	Shields, R

Meets with 1803. *Additional fees: \$1.00/credit.

Item 1845	SecE9	1 Credit	4:00pm-5:50pm
Th		Rm3025	Grendon, S

Meets with 1787 & 1813. *Additional fees: \$1.00/credit.

Evening Classes

Item 1831	SecE11	1 Credit	6:00pm-6:50pm
TTh		Rm3025	Attridge, S

Meets with 1793 & 1819. *Additional fees: \$1.00/credit.

PE 280**CARDIO-PULMONARY RESUSCITATION**

CPR for the Professional Rescuer. Includes adult, infant and child rescue breathing, choking and CPR, as well as two-person CPR, pocket mask and bag-valve mask skills. Student option grading.

Weekend Class

Item 1847	SecC1	1 Credit	8:00am-5:00pm
Sa		Rm3002	Kay, B

This class meets 5/2/20 only. This class meets for one day only. No makeup will be allowed. *Additional fees: \$3.60 plus \$1.00/credit.

PE 292**BARRE FITNESS**

Introductory Barre Fitness is a hybrid workout that fuses the optimum aspects of strength training, pilates, and yoga. No dance experience needed and participants are encouraged to work at their own intensity. This course incorporates a ballet barre and light weights with a focus on high reps of small range movements. Students will gain better flexibility, core strength and coordination for improved posture and mind/body awareness.

Item 3010 SecE1 2 Credits 4:00pm-5:40pm
T Rm3011 Attridge, S

*Additional fees: \$7.50/credit.

PHYSICS**PHYS 110****CONCEPTS OF THE PHYSICAL WORLD**

Introduction to selected physics concepts and theories. Intended for liberal arts and other non-science majors. Prerequisite: MATH 099 (2.0 or better). Student option grading.

Item 1867 SecN1 5 Credits ARR
ONLINE Bartlett, S

*Additional fees: \$15.00 plus \$7.50/credit.

PHYS& 116**GENERAL PHYS III W/LAB**

Algebra-based physics for majors in health sciences, architecture, vocational and technical programs, and other majors not requiring calculus. Studies waves, heat and light. Prerequisite: PHYS& 115 and MATH& 142 with grades of 2.0 or better. Mandatory decimal grading.

Item 1869 SecE1 5 Credits 8:30am-9:20am
MTWF Rm2925 Messner, J
7:30am-9:20am
Th Rm2924

*Additional fees: \$25.00 plus \$1.00/credit..

PHYS& 222**ENGINEERING PHYSICS I W/LAB: ELECTROMAGNETISM**

Calculus-based physics for majors in physical sciences, engineering, pre-medicine, mathematics. Studies electricity and magnetism. Includes laboratory. Prerequisite: PHYS& 221 and MATH& 163 with grades of 2.0 or better. Mandatory decimal grading.

Item 1871 SecE1 5.5 Credits 9:30am-10:20am
MTWThF Rm2925 Bartlett, S
8:30am-11:20am
T Rm2924

Meets with 1873 for lecture. *Additional fees: \$25.00 plus \$1.00/credit.

Item 1873 SecE2 5.5 Credits 9:30am-10:20am
MTWThF Rm2925 Bartlett, S
12:30pm-3:20pm

M Rm2924

Meets with 1871 for lecture. *Additional fees: \$25.00 plus \$1.00/credit.

Item 1875 SecE3 5.5 Credits 12:30pm-2:20pm
TTh Rm2925 Staff
12:30pm-3:20pm
W Rm2924 Messner, J

*Additional fees: \$25.00 plus \$1.00/credit.

PHYS& 223**ENGINEERING PHYSICS II W/LAB: WAVES, HEAT & LIGHT**

Calculus-based physics for majors in physical sciences, engineering, pre-medicine, mathematics. Studies fluids, waves, sound, thermodynamics and light. Includes laboratory. Prerequisite: PHYS& 221 and MATH& 152 with grades of 2.0 or better. Mandatory decimal grading.

Item 1877 SecE1 5.5 Credits 12:30pm-2:20pm
MW Rm2925 Sloan, J
12:30pm-3:20pm
Th Rm2924

Meets with 1879 for lecture. *Additional fees: \$25.00 plus \$1.00/credit.

Item 1879 SecE2 5.5 Credits 12:30pm-2:20pm
MW Rm2925 Sloan, J
12:30pm-3:20pm
F Rm2924
Meets with 1877 for lecture. *Additional fees: \$25.00 plus \$1.00/credit.

POLITICAL SCIENCE**POLS& 101****INTRODUCTION TO POLITICAL SCIENCES**

This course provides a general overview of the major political movements, ideologies, and regimes that have shaped the contemporary world. Examines the nature, purpose, and practice of politics in both its democratic and non-democratic forms. Emphasis on explaining political change and stability. Student option grading.

Item 1881 SecN1 5 Credits ARR
ONLINE Fralick, H
*Additional fees: \$7.50/credit.

POLS& 202**INTRODUCTION TO AMERICAN GOVERNMENT AND POLITICS**

This course provides an introduction to the U.S. political system. Students examine how the political process in the United States addresses significant public problems and conflicts in American society. Student option grading.

Item 1883 SecE1 5 Credits 12:30pm-2:50pm
MW Rm2904 Esch, T
Item 1885 SecN1 5 Credits ARR
ONLINE Taylor, T
*Additional fees: \$7.50/credit.

PSYCHOLOGY**PSYC& 100****GENERAL PSYCHOLOGY**

Course provides an introduction to the scientific study of the biological, mental, and social factors that influence human behavior. Topics covered include: personality, learning, memory, critical thinking, intelligence, psychological disorders, and treatments. Mandatory decimal grading.

Item 1905 SecY1 5 Credits 9:30am-10:20am
MTWTh Hybrid Rm1508 Christensen
*Additional fee: \$7.00/Credit.

Item 1907 SecY2 5 Credits 10:30am-11:20am
MTW HYBRID Rm1508 Thompson, R
*Additional fee: \$7.00/Credit.

Item 1903 SecY3 5 Credits 12:30pm-2:50pm
T HYBRID Rm1508 Ecke, L
*Additional fee: \$7.00/Credit.

Item 1901 SecN1 5 Credits ARR
ONLINE Thompson, R
*Additional fee: \$7.50/Credit.

PSYC& 200**LIFESPAN PSYCHOLOGY**

A survey of human development from conception through death. Physical, emotional, cognitive and psychosocial development will be explored. Mandatory decimal grading.

Item 1911 SecY1 5 Credits 12:30pm-2:50pm
TTh Hybrid Rm1102 Thompson, R
*Additional fee: \$7.00/Credit.

Item 1909 SecN1 5 Credits ARR
ONLINE Knauf, D
*Additional fee: \$7.50/Credit.

PSYC 202**BIOPSYCHOLOGY**

How does our biology influence how we think, feel, and act? How does our behavior impact the way our biology is expressed? This course examines these two questions and explores the interaction between biology and behavior. Topics include: memory, sex, drugs, and mental illness. Prerequisite for UW psychology majors. Prerequisite: PSYC& 100 or equivalent with instructor permission. Mandatory decimal grading.

Item 1887 SecN1 5 Credits ARR
 ONLINE Richards, A

*Additional fee: \$7.50/Credit.

PSYC 207**THE PSYCHOLOGY OF EXCELLENCE**

This course focuses on the application of psychological theories & research to enhancing performance in a variety of life settings. Topics include: self-regulation, goal setting, visualization, stress management, attention control, time management, effective communication, & conflict resolution. Mandatory decimal grading.

Item 1889 SecY1 5 Credits 10:30am-11:20am
 MTWTh HYBRID Rm1102 Christensen

*Additional fees: \$7.00/credit.

PSYC 209**FUNDAMENTALS OF PSYCHOLOGICAL RESEARCH**

This course covers the key themes and concepts of psychological research and is a foundation course for students planning to take additional courses in psychology. Students will also learn how to critically evaluate scientific findings and claims made by the popular press. A prerequisite for UW psychology majors. Prerequisite: PSYC& 100 or equivalent with instructor permission. Mandatory decimal grading.

Item 1891 SecY1 5 Credits 9:30am-10:20am
 MTWTh HYBRID Rm1102 Staff

*Additional fees: \$7.00/credit.

PSYC 236**INTRODUCTION TO PERSONALITY**

Introduction to the scientific study of personality, including personality theories and theorists, personality assessment, and personality constructs. Prerequisite: PSYC& 100 or equivalent with instructor permission. Mandatory decimal grading.

Item 1893 SecN1 5 Credits ARR
 ONLINE Christensen

*Additional fees: \$7.50/credit.

SCIENCE**SCI 286****APPLYING TO GRADUATE HEALTH PROFESSIONAL SCHOOLS**

This seminar is for Post-Baccalaureate students getting ready to apply to graduate-level health professional schools. Topics included are: choosing schools, writing about work and activities, writing an effective personal statement, planning letters of evaluation, and preparing for the interview. Prerequisite: SCI 284 or SCI 285; or Bachelor Degree and instructor permission. Mandatory P/NC grading.

Weekend Classes

Item 1913 SecE1 1 Credit 10:00am-11:50am
 Sa Rm2205 Fagel, J

Class meetings are on April 25, May 9, May 23, June 6 and June 20. *Additional fees: \$1.00/credit. Start date: 4/25/2020. End date: 6/20/2020.

SCI 287**CRITICAL READING ANALYSIS FOR MCAT, GRE**

This seminar is for students preparing for the MCAT, GRE or other advanced level test. The course focuses on preparation for the MCAT Critical Analysis and Reading Skills section and the GRE Verbal Reasoning section. Included are test format, free and low cost resources, critical reasoning skills, and test strategies. Mandatory P/NC grading.

Weekend Classes

Item 1915 SecE1 1 Credit 10:00am-11:50am
 Sa Rm2205 Fagel, J

Class meetings are on April 18, May 2, 16, 30 and June 13. *Additional fees: \$1.00/credit. Start date: 4/18/2020. End date: 6/13/2020.

SOCIOLOGY**SOC& 101****INTRODUCTION TO SOCIOLOGY**

Introduces the major perspectives and methods in sociology to explain the principles of society, culture and sociocultural relationships. Topics include socialization, social interaction and structure, groups, organizations, deviance, stratification, inequality, institutions and social change. Mandatory decimal grading.

Item 1923 Sec03 5 Credits 9:30am-10:20am
 DAILY Rm2210 Clarke, L

Item 1919 Sec01 5 Credits 10:30am-11:20am
 DAILY Rm2210 Clarke, L

Item 1921 Sec02 5 Credits 12:30pm-2:50pm
 MW Rm1805 Clarke, L

Item 1925 SecN1 5 Credits ARR
 ONLINE Fryman, B

*Additional fees: \$7.50/credit.

SOC 202**PROFESSIONAL AND SYSTEMIC RESPONSES**

This course focuses on the responses of professionals and the system to allegations of child maltreatment. Designed for students entering fields in which knowledge of child maltreatment investigation and advocacy are necessary. Dual listed as CAST 202. Mandatory decimal grading.

Item 1917 SecN1 5 Credits ARR
 ONLINE Phillips, L

Meets with #0455. *Additional fees: \$7.50/credit.

SPANISH**SPAN& 121****SPANISH I**

Fast-paced beginning course in Spanish: listening, speaking, reading and writing. Topics include greetings, family, and leisure activities vocabulary and the present tense. Cultural studies include social amenities and exposure to Hispanic art, music and history. Student option grading.

Item 1929 SecY1 5 Credits 8:30am-9:20am
 MTWTh Hybrid Rm1805 Acosta, A

*Additional fees: \$7.00/credit.

SPAN& 122**SPANISH II**

Fast-paced course in Spanish: listening, speaking, reading and writing. Topics include past tenses, commands, direct/indirect object pronouns, clothing and food vocabulary. Cultural studies continue with exposure to Hispanic art, music and history. Prerequisite: Completion of SPAN& 121 or equivalent with a grade of 2.0 or better. Student option grading.

Item 1933 SecY1 5 Credits 10:30am-11:20am
 MTWTh HYBRID Rm1805 Acosta, A

*Additional fees: \$7.00/credit.

Item 1931 SecN1 5 Credits ARR
 ONLINE Robertson, R

*Additional fees: \$7.50/credit.

SPAN& 123**SPANISH III**

Fast-paced course in Spanish: listening, speaking, reading and writing. Topics include subjunctive, future, conditional and work vocabulary. Cultural studies continue with exposure to Hispanic art, music and history. Prerequisite: Completion of SPAN& 122 or equivalent with a grade of 2.0 or better. Student option grading.

Item 1935	SecY1	5 Credits	11:30am-12:20pm
MTWTh	HYBRID	Rm1805	Acosta, A

*Additional fee: \$7.00/Credit.

STUDY SKILLS**STYSK 100****ACADEMIC SUCCESS STRATEGIES**

Students learn techniques for studying successfully in their college classes. Techniques may include reading strategies, information-gathering, note-taking, writing-to-learn and improving memory. Students will practice these skills using materials from their other classes. Prerequisite: Completion of ENGL 080 or equivalent with a 2.0 or better, or placement into ENGL 090, or instructor permission. Student option grading.

Item 1937	SecY1	5 Credits	10:30am-12:20pm
MTWTh	HYBRID	Rm1713	Dusenberry

Meets with 0029, 0037, 0099, 0107, 0767. *Additional fee: \$28.50.

VISUAL COMMUNICATIONS TECHNOLOGY**VCT 101****GRAPHIC DESIGN 1**

Course introduces Graphic Design with emphasis on typography, including type origins, anatomy, attributes, categories and usage. Course includes projects with critique and analysis, a survey of graphic design history, an exploration of gestalt laws, grid systems, layout fundamentals and use of color. Student option grading.

Item 1939	SecE1	5 Credits	9:30am-12:10pm
TTh		Rm2006	Fant, C

*Additional fees: \$37.70 plus \$1.00/credit.

VCT 102**GRAPHIC DESIGN 2**

Introduces Graphic Design concepts and methods used in page layout for print and web. Explores marketing principles and strategies, ad layout models, art direction, campaign development and production issues. Prerequisite: VCT 101 (2.0 minimum), or instructors permission. Student option grading.

Item 1941	SecY1	5 Credits	12:30pm-3:10pm
M	HYBRID	Rm2009	Yates, A

*Additional fees: \$37.70 plus \$7.00/credit.

VCT 103**GRAPHIC DESIGN 3**

Course continues the study of principles and theories of design concept development with emphasis on visual identity. Logo design is introduced as the visual distillation of the message. Other topics include figure/ground relationships, recognition, color schemes and production issues. Prerequisite: VCT 101 (2.0 minimum), VCT 102 (2.0 minimum), VCT 128 (2.0 minimum), or instructor permission. Student option grading.

Item 1943	SecY1	5 Credits	12:30pm-3:10pm
W	HYBRID	Rm2009	Yates, A

Meets with 1973. *Additional fees: \$37.70 plus \$7.00/credit.

VCT 112**VISUAL COMMUNICATIONS SURVEY**

A survey of the visual design industry and production processes for print, web, video, animation, multimedia and game design. Student option grading.

Item 1945	SecY1	5 Credits	12:30pm-3:10pm
W	HYBRID	Rm2010	Shafner, C

*Additional fees: \$37.70 plus \$1.00/credit.

VCT 124**BASIC MACINTOSH SYSTEMS OPERATIONS**

An introductory course in the fundamental operations and uses of the Macintosh computer. Students learn how to efficiently use the current operating system as related to visual communications design and production. (Call 206.546.4671 to test out of this class.) Student option grading.

Item 1947	SecE1	2 Credits	9:30am-12:10pm
MW		Rm2009	Fant, C

VCT 124 & VCT 125 are to be taken concurrently. Competency tests available, please call 206-546-4671. *Additional fee: \$7.00/Credit. Start date: 4/6/2020. End date: 4/29/2020.

Item 1949	SecN1	2 Credits	ARR
ONLINE			Shafner, C

VCT 124 & VCT 125 are to be taken concurrently. Competency tests available, please call 206-546-4671. *Additional fee: \$7.50/Credit. Start date: 4/6/2020. End date: 5/1/2020.

VCT 125**INTRO TO IMAGE CONSTRUCTION, EDITING & OUTPUT**

Introduces current information, tools and techniques used to create digital materials for a variety of visual communications applications. Highlights digital image attributes including: resolution, color modes, editing, file formats and output. Prerequisites: Students completing any AAAS degree in the VCT program are required to maintain a minimum grade of 2.0 in each VCT or ART course in order to progress to the next class. May repeat class or obtain advisor's waiver. Student option grading.

Item 1951	SecE1	3 Credits	9:30am-12:30pm
MW		Rm2009	Fant, C

VCT 124 & VCT 125 are to be taken concurrently. Competency tests available, please call 206-546-4671. *Additional fee: \$1.00/Credit. Start date: 5/4/2020. End date: 6/3/2020.

Item 1953	SecN1	3 Credits	ARR
ONLINE			Shafner, C

VCT 124 & VCT 125 are to be taken concurrently. Competency tests available, please call 206-546-4671. *Additional fee: \$7.50/Credit. Start date: 5/4/2020. End date: 6/5/2020.

VCT 134**ADOBE: ILLUSTRATOR (VECTOR GRAPHICS)**

This course introduces digital illustration for print, web, and multimedia, using vector-based software. Students will develop problem-solving skills related to illustration techniques and software by producing industry-level projects. Prerequisite: VCT 124 (2.0 minimum) and 125 (2.0 minimum), or instructors permission. Student option grading.

Item 1955	SecY1	5 Credits	9:30am-12:10pm
W	HYBRID	Rm2010	Shafner, C

*Additional fees: \$37.70 plus \$7.00/credit.

VCT 135**ADOBE: ANIMATION/INTERACTIVE MEDIA**

This course introduces practice and theory in creating 2D animation projects. Students develop skills using industry software and interactive media. Prerequisite: VCT 124 (2.0 minimum), VCT 125 (2.0 minimum), VCT 136 (2.0 minimum), or instructor permission. (VCT 134 suggested) Student option grading.

Item 1957	SecE1	5 Credits	9:30am-12:10pm
TTh		Rm2010	Shafner, C

*Additional fees: \$37.70 plus \$1.00/credit.

VCT 136**ADOBE: RASTER GRAPHICS W/PHOTOSHOP**

This course introduces bitmap image editing, illustration and compositing using industry standard software to create content for print, web, 2D, 3D and multimedia. Non-destructive digital imaging techniques and workflows emphasize layers, masks and adjustments. Prerequisite: VCT 124 (2.0 minimum) and VCT 125 (2.0 minimum), or instructor permission. Student option grading.

Item 1959	SecE1	5 Credits	12:30pm-3:10pm
TTh		Rm2009	Yates, A

*Additional fees: \$37.70 plus \$1.00/credit.

VCT 155**DIGITAL PRODUCTION**

This course explores current digital output processes such as aqueous, solvent-based inkjet and toner-based printing. Topics include display graphics, banners, apparel graphics, vehicle wraps and on-demand printing. Prerequisite: VCT 112 (2.0 minimum), 124 (2.0 minimum), 125 (2.0 minimum) and 136 (2.0 minimum), or instructor permission. Student option grading.

Item 1961	SecE1	5 Credits	3:30pm-5:50pm
TTh		Rm2010	Yates, A
<i>Meets with 1963. *Additional fees: \$37.70 plus \$1.00/credit.</i>			

VCT 156**CREATIVE PROJECT MANAGEMENT**

Course focuses on the skills needed to efficiently manage all phases of creative design and production workflow, including scheduling, budgeting, pricing, client presentation, job tracking and invoicing. Student option grading.

Item 1963	SecE1	5 Credits	3:30pm-5:50pm
TTh		Rm2010	Yates, A
<i>Meets with 1961. *Additional fees: \$37.70 plus \$1.00/credit.</i>			

VCT 170**ADOBE: INTERACTIVE/WEB DESIGN**

This course introduces web design, HTML, and CSS as well as topics such as usability, grids and web standards. Students apply standard design principles in the creation of interactive web page layouts. Prerequisite: VCT 124 (2.0 minimum) and VCT 125 (2.0 minimum), or instructor permission. (VCT 136 recommended.) Student option grading.

Item 1965	SecY1	5 Credits	3:30pm-5:50pm
M		Rm2026	Fant, C
<i>*Additional fees: \$37.70 plus \$7.00/credit.</i>			

VCT 173**INTRODUCTION TO UX/UI DESIGN**

Introduction to the concepts and applications of user experience and user interface design. Topics include user-centered design, usability, accessibility, design patterns, user research and design iteration in the production of an interactive prototype of a new or currently existing app, website or game user interface. Student option grading.

Item 1967	SecY1	4 Credits	3:30pm-5:50pm
W		Rm2026	Fant, C
<i>*Additional fees: \$66.20.</i>			

VCT 190**INTERNSHIP IN VISUAL COMMUNICATIONS**

Application of visual communication techniques and theories in an off-campus production environment. Site approval must be obtained by student. Course may be repeated. Prerequisite: Completion of at least 45 credits in ART/VCT and instructor's permission. Student option grading.

Item 1969	Sec01	5 Credits	ARR
			Fant, C

**Additional fees: \$21.00. Variable credit course. Register for the number of credits desired.*

VCT 204**GRAPHIC DESIGN 4: PACKAGING & EVENT GRAPHICS**

Explores graphic design principles used in product packaging, environmental graphics, point of purchase displays and event booth signage with an adherence to a standardized design process. Prerequisite: VCT 103 (2.0 minimum), VCT 134 (2.0 minimum) and VCT 136 (2.0 minimum), or instructor permission. Student option grading.

Item 1973	SecY1	5 Credits	12:30pm-3:10pm
W	HYBRID	Rm2009	Yates, A
<i>Meets with 1943. *Additional fees: \$37.70 plus \$7.00/credit.</i>			

VCT 205**SPECIALIZATION: DESIGN STUDIO/PORTFOLIO 5**

Students explore portfolio development as they pursue an individual direction, producing new design solutions and reworking existing projects. Hard copy and digital formats of finished portfolios are created. Prerequisite: VCT 204 (minimum 2.0) or instructor permission. Student option grading.

Item 1975	SecY1	4 Credits	12:30pm-3:10pm
TTh	Hybrid	Rm2010	Fant, C
<i>Meets with 1975, 1977, 1979, 1981, 1983, 1985, 1987, 1989, 1991, 1993, 1995, 1997. *Additional fees: \$37.70 plus \$7.00/credit.</i>			

VCT 206**SPECIALIZATION: DESIGN STUDIO/PORTFOLIO 6**

Students continue exploring portfolio development as they pursue an individual direction, producing new design solutions and reworking existing projects. Hard copy and digital formats of finished portfolios are created. Prerequisite: VCT 205 (minimum 2.0) or instructor permission. Student option grading.

Item 1977	SecY1	4 Credits	12:30pm-3:10pm
TTh	Hybrid	Rm2010	Fant, C
<i>Meets with 1975, 1977, 1979, 1981, 1983, 1985, 1987, 1989, 1991, 1993, 1995, 1997. *Additional fees: \$37.70 plus \$7.00/credit.</i>			

VCT 207**SPECIALIZATION: DESIGN STUDIO/PORTFOLIO 7**

Students continue exploring portfolio development as they pursue an individual direction, producing new design solutions and reworking existing projects. Hard copy and digital formats of finished portfolios are created. Prerequisite: VCT 206 (minimum 2.0) or instructor permission. Student option grading.

Item 1979	SecY1	4 Credits	12:30pm-3:10pm
TTh	Hybrid	Rm2010	Fant, C
<i>Meets with 1975, 1977, 1979, 1981, 1983, 1985, 1987, 1989, 1991, 1993, 1995, 1997. *Additional fees: \$37.70 plus \$7.00/credit.</i>			

VCT 215**SPECIALIZATION: ADOBE STUDIO/PORTFOLIO 1**

Students explore visual design software as they pursue an individual direction, using online training modules for Adobe software to produce portfolio material. Prerequisite: VCT 128 (2.0 minimum), VCT 134 (2.0 minimum), VCT 136 (2.0 minimum), or instructor permission. Student option grading.

Item 1981	SecY1	4 Credits	12:30pm-3:10pm
TTh	Hybrid	Rm2010	Fant, C
<i>Meets with 1975, 1977, 1979, 1981, 1983, 1985, 1987, 1989, 1991, 1993, 1995, 1997. *Additional fees: \$37.70 plus \$7.00/credit.</i>			

VCT 216**SPECIALIZATION: ADOBE STUDIO/PORTFOLIO 2**

Students continue exploration and skills development as they pursue an individual direction, using online training modules for Adobe software to produce portfolio material. Prerequisite: VCT 128 (2.0 minimum), VCT 134 (2.0 minimum), VCT 136 (2.0 minimum), or instructor permission. Student option grading.

Item 1983	SecY1	4 Credits	12:30pm-3:10pm
TTh	Hybrid	Rm2010	Fant, C
<i>Meets with 1975, 1977, 1979, 1981, 1983, 1985, 1987, 1989, 1991, 1993, 1995, 1997. *Additional fees: \$37.70 plus \$7.00/credit.</i>			

VCT 217**SPECIALIZATION: ADOBE STUDIO/PORTFOLIO 3**

Students complete their exploration and skills development in this final course in the sequence, using online training modules for Adobe software to produce portfolio material. Prerequisite: VCT 128 (2.0 minimum), VCT 134 (2.0 minimum), VCT 136 (2.0 minimum), or instructor permission. Student option grading.

Item 1985	SecY1	4 Credits	12:30pm-3:10pm
TTh	Hybrid	Rm2010	Fant, C
<i>Meets with 1975, 1977, 1979, 1981, 1983, 1985, 1987, 1989, 1991, 1993, 1995, 1997. *Additional fees: \$37.70 plus \$7.00/credit.</i>			

VCT 235**SPECIALIZATION: AUTODESK/3D STUDIO/GAME DESIGN 1**

Students explore and develop skills as they pursue an individual direction, using online training modules for Autodesk or other 3D software to produce portfolio material. Prerequisite: VCT 134 (2.0 minimum), VCT 135 (2.0 minimum), VCT 136 (2.0 minimum), VCT 176 (2.0 minimum), or instructor permission. Student option grading.

Item 1987 SecY1 4 Credits 12:30pm-3:10pm
TTh Hybrid Rm2010 Fant, C
Meets with 1975, 1977, 1979, 1981, 1983, 1985, 1987, 1989, 1991, 1993, 1995, 1997. *Additional fees: \$37.70 plus \$7.00/credit.

VCT 236**SPECIALIZATION: INTERACTIVE WEB/STUDIO II**

Students continue exploration and skills development as they pursue an individual direction, using online training modules for HTML, CMS, CSS, Javascript and other Web/interactive authoring applications. Prerequisite: VCT 134 (2.0 minimum), VCT 135 (2.0 minimum), VCT 136 (2.0 minimum), VCT 170 (2.0 minimum), VCT 176 (2.0 minimum), or instructor permission. Student option grading. Student option grading.

Item 1989 SecY1 4 Credits 12:30pm-3:10pm
TTh Hybrid Rm2010 Fant, C
Meets with 1975, 1977, 1979, 1981, 1983, 1985, 1987, 1989, 1991, 1993, 1995, 1997. *Additional fees: \$37.70 plus \$7.00/credit.

VCT 237**SPECIALIZATION: AUTODESK/3D STUDIO/GAME DESIGN 3**

Students complete their exploration and skills development in this final course in the sequence, using online training modules for Autodesk or other 3D software to produce portfolio material. Prerequisite: VCT 134 (2.0 minimum), VCT 135 (2.0 minimum), VCT 136 (2.0 minimum), VCT 176 (2.0 minimum), or instructor permission. Student option grading.

Item 1991 SecY1 4 Credits 12:30pm-3:10pm
TTh Hybrid Rm2010 Fant, C
Meets with 1975, 1977, 1979, 1981, 1983, 1985, 1987, 1989, 1991, 1993, 1995, 1997. Additional fees: \$37.70 plus \$7.00/credit.

VCT 245**SPECIALIZATION: VIDEO/VISUAL EFFECTS STUDIO 1**

Students explore an individual direction using online training modules for video and effects software to produce portfolio material. Prerequisite: VCT 267 (2.0 minimum) or VCT 268 (2.0 minimum), or instructor permission. Student option grading.

Item 1993 SecY1 4 Credits 12:30pm-3:10pm
TTh Hybrid Rm2010 Fant, C
Meets with 1975, 1977, 1979, 1981, 1983, 1985, 1987, 1989, 1991, 1993, 1995, 1997. *Additional fees: \$37.70 plus \$7.00/credit.

VCT 246**SPECIALIZATION: VIDEO/VISUAL EFFECTS STUDIO 2**

Students continue exploration of an individual direction, using online training modules for video and effects software to produce portfolio material. Prerequisite: VCT 245 (2.0 minimum), or instructor permission. Student option grading.

Item 1995 SecY1 4 Credits 12:30pm-3:10pm
TTh Hybrid Rm2010 Fant, C
Meets with 1975, 1977, 1979, 1981, 1983, 1985, 1987, 1989, 1991, 1993, 1995, 1997. *Additional fees: \$37.70 plus \$7.00/credit

VCT 247**SPECIALIZATION: VIDEO/VISUAL EFFECTS STUDIO 3**

Students complete exploration of an individual direction, using online training modules for video and effects software to produce portfolio material. Prerequisite: VCT 246 (2.0 minimum), or instructor permission. Student option grading.

Item 1997 SecY1 4 Credits 12:30pm-3:10pm
TTh Hybrid Rm2010 Fant, C
Meets with 1975, 1977, 1979, 1981, 1983, 1985, 1987, 1989, 1991, 1993, 1995, 1997. *Additional fees: \$37.70 plus \$7.00/credit.

VCT 251**INTRODUCTION TO GAME DESIGN THEORY**

Course explores the process and theory of game design and interactive experience design. Students learn and practice an industry-standard design process to produce hand-crafted, physical prototypes of games focusing on the conceptual development of interactive content. Student option grading.

Item 1999 SecY1 5 Credits 3:30pm-5:50pm
M HYBRID Rm2009 Yates, A
Meets with 2001. *Additional fees: \$37.70 plus \$7.00/credit.

VCT 253**INTRODUCTION TO GAME DEVELOPMENT**

Course focuses on the construction of interactive 3D game levels by combining 3D models, sound, animations and scripts in a game engine application. Various genres of games are analyzed, including first-person shooter, strategy, racing and hidden object games. Prerequisite: VCT 251 (minimum 2.0) and VCT 252 (minimum 2.0), or instructor permission. Student option grading.

Item 2001 SecY1 5 Credits 3:30pm-5:50pm
M HYBRID Rm2009 Yates, A
Meets with 1999. *Additional fees: \$37.70 plus \$7.00/credit.

VCT 268**EDITING SOFTWARE LAB**

Intensive video editing lab with Media Composer, Final Cut Pro or Premiere (depending on quarter). To be taken after completion of FILM 265 to gain experience with a second or third editing platform. Course may be repeated. Prerequisite: FILM 265. Student option grading.

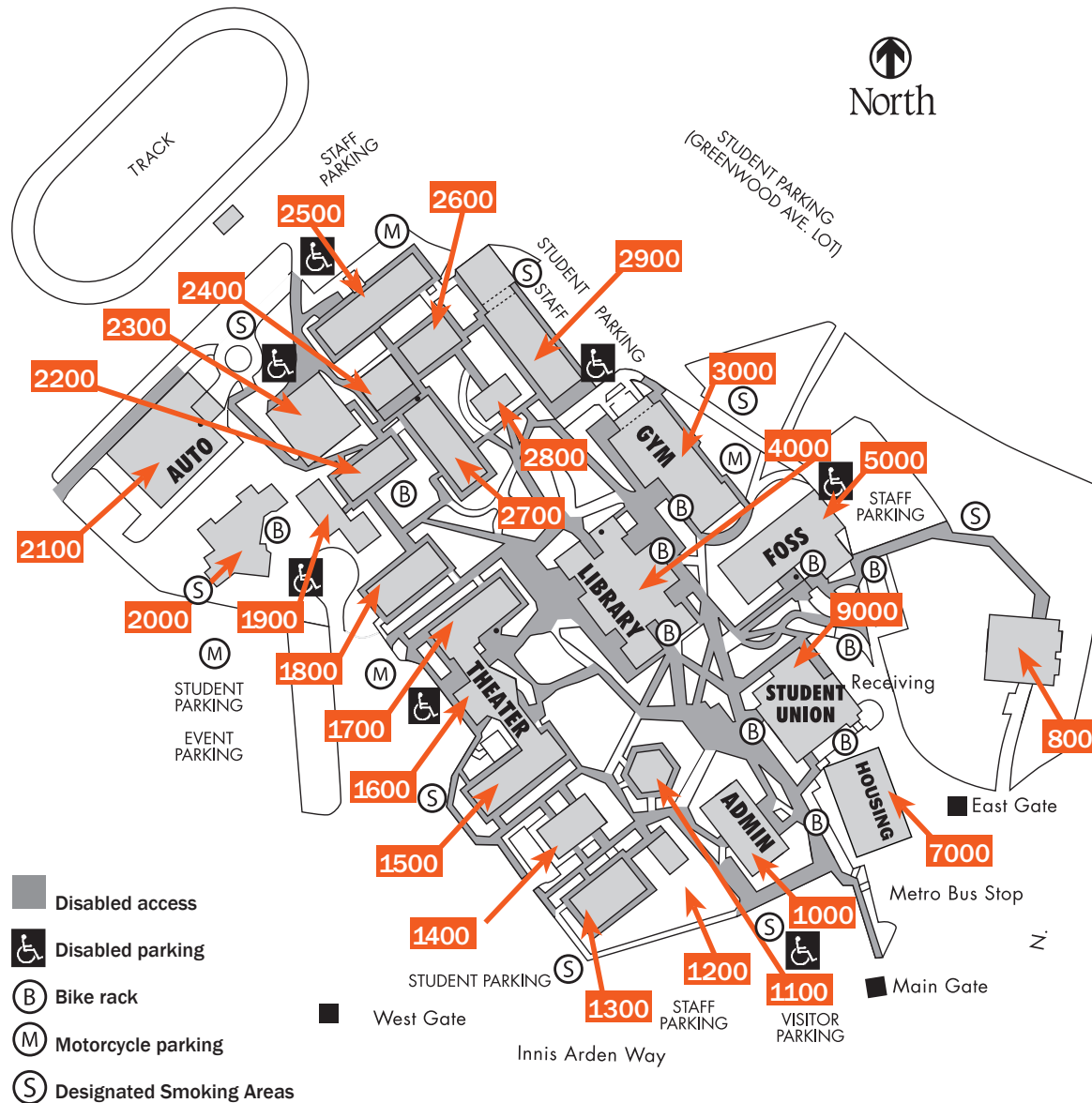
Item 2005 SecE1 3 Credits 3:30pm-5:50pm
TTh Rm2010 Watt, G
Meets with 1041. Adobe Premier is taught this quarter. *Additional fees: \$57.50 plus \$1.00/credit.

VCT 276**3D MODELING & ANIMATION WITH MAYA**

Course covers the extensive capabilities of Maya as the art and entertainment industry standard for 3D digital content creation. Students learn modeling techniques using polygons and NURBS. Texturing, animation and rendering are also highlighted. Prerequisite: VCT 134 (2.0 minimum), VCT 136 (2.0 minimum) and VCT 176 (2.0 minimum) or instructor permission with portfolio review. Student option grading.

Item 2007 SecY1 5 Credits 3:30pm-5:50pm
W HYBRID Rm2009 Yates, A
*Additional fees: \$57.50 plus \$7.00/credit.

CAMPUS MAP



Emergency: Dial 4499

Administraton	1000	Facilities	5100	Physics Learning Center	2923
Advising	5229	Financial Aid	5200	Public Speaking Center	1530
Automotive	2100	Food Pantry/Benefits HUB	9203	Pagoda Union Building (PUB)	9000
Biology & Chem Learning Center	4201	Foundation	1005	Registration	5200
Biology Lab	2600	Geology Lab	2920	Running Start	5229
Biotechnology Lab	2930	Gymnasium & Athletics	3000	Safety & Security	5102
Bookstore	9114	Health Occupations/PE Division	2300	Science/STEM Division	2800
Cafeteria	9215	Housing & Residential Life	7000	Social Sciences Division	5329
Career Education Options (CEO)	5100	Humanities Division	5327	Student Accessibility Services	5226
Cashier	5200	Human Resources	1013	Student Life	9301
Chemistry Lab	2700	Information Desk	1000	Student Lounge	9000
Communications & Marketing	1009	International Education	9303	Students, Equity & Success	5202
Community Empl. Program (CEP)	2910	Job Connections Center	5100	Technology Support Services	4122
Comp. Sci. & Engineering Center	2516	Library & Media Services	4000	Testing Center	5100
Counseling Center	5245	Machine Shop	2500	Theater	1600
Dental Hygiene Clinic	2521	Math Learning Center	4213	Transcripts/Records	5200
Engineering	2517	Metal Fabrication Lab	2900	Tutoring Center	4228
Enrollment Services	5200	Multicultural Center	9301	Veterans & Military Student Svcs	5226
eLearning Services & Cont. Ed.	1201	Music	800	Visual Arts Center	2000
ESL Advising	5205	Nursing	2300	Workforce Education Funding	5100
ESL Study Center	1721	Parent Child Center (PCC)	1900	Writing & Learning Studio	4301

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