

7. Below is a list of common college majors.

First choice for a college major: 2=4.5%; 4=4.5%; 5=13.6%; 8=18.2%; 9=4.5%; 12=4.5%; 14=4.5%; 18=4.5%; 19=9.1%; 26=9.1%; No Response=22.7%

Second choice for a college major: 3=4.5%; 4=4.5%; 5=4.5%; 8=4.5%; 10=9.1%; 12=4.5%; 15=4.5%; 17=9.1%; 18=4.5%; 26=22.7%; No Response=27.3%

1	Agricultural Science (animal science, food science, plant science)	14	Health Professions and Related Sciences (medicine, dentistry, nursing, pharmacy, public health, physical therapy)
2	Architecture/Environmental Design	15	Law/Prelaw/Legal Studies
3	Biological/Life Sciences (biology, genetics, physiology)	16	Mathematics (applied math, general mathematics, statistics)
4	Business Management/Administrative Services (accounting, general business, finance, marketing)	17	Physical Sciences (astronomy, chemistry, earth science, geology, oceanography, physics)
5	Computer and Information Science (computer programming, information services)	18	Communications (communications general, journalism)
6	Conservation/Renewable Natural Resources (environmental science studies, forestry)	19	Criminal Justice/Protective Services
7	Education (teaching math/science/computers, administration, counselor, special education)	20	Languages, Linguistics, Literature (English language/literature, foreign language/literature)
8*	Engineering (aerospace, civil engineering, electrical engineering, industrial engineering, mechanical engineering, other engineering)	21	Home Economics
9	Liberal Arts/General Studies	22	Library Science
10	Parks, Recreation, Leisure, and Fitness	23	Philosophy, Religion, and Theology
11	Psychology (clinical, counseling, experimental, social)	24	Public Affairs (public administration, public policy studies)
12	Social Work	25	Social Sciences and History (anthropology, archeology, geography, history, international relations, political science, government, sociology)
13	Visual and Performing Arts (dramatic arts, fine arts, music)	26*	Manufacturing (materials science, composites, technology)

● = HIGHEST RESPONSE

THE FOLLOWING SECTIONS PERTAIN TO THE CLASS YOU ARE TAKING.

SECTION 2 Please tell us how much you agree or disagree with the following statements by marking one number for each.	DISAGREE		AGREE	
	Strongly 1	A Little 2	A Little 3	Strongly 4
1. I am concerned about being able to complete the class requirements.	MEAN = 2.05; SD = .92			
2. I am worried that I will not understand the math involved in the class.	MEAN = 1.95; SD = .80			
3. I am worried that I will not understand the science involved in the class.	MEAN = 2.10; SD = .77			
4. I plan to study or work in manufacturing after completing high school.	MEAN = 2.71; SD = .64			
5. I think that participation in this class will help me get a job.	MEAN = 3.33; SD = .58			
6. I expect this class to be an "easy A."	MEAN = 2.52; SD = .81			
7. I think this class will be more fun than traditional classes.	MEAN = 3.57; SD = .60			

SECTION 3			
How would you describe your ability level for each of the following?	Beginner 1	Intermediate 2	Advanced 3
Math Skills	13.6%	68.2%	18.2%
Science Skills	13.6%	77.3%	9.1%
Engineering Skills	59.1%	40.9%	0%
Technology Skills	31.8%	45.5%	22.7%
Manufacturing Skills	50.0%	50.0%	0%
Problem Solving Skills	9.1%	54.5%	36.4%
Skills in Hands-on Manufacturing Processes	36.4%	50.0%	13.6%

SECTION 4	
Please circle the correct answer to the following:	
1. Manufacturing sectors such as biotechnology, transportation, pharmaceuticals, and electronics need workers.	True 86.4% False 4.5% No response 9.1%
2. Basic skills manufacturing employees need are communication, teamwork, and a good work ethic.	True 95.5% False 0% No response 4.5%
3. Basic elements of most manufacturing operations are:	A. Input, Process, Output, Feedback 72.7% B. Input, Problem Solving, Goal Attainment 4.5% C. Problem, Process, Goal Attainment 9.1% No Response 13.6%

SECTION 5: Open-ended Responses

1. What do you hope to learn by participating in the course?
How to work with metal and use machinery (59%)
Skills to get a job (32%)
Make cool stuff (1%)
2. What is your greatest concern about participating in the course?
Failing/not understanding (23%)
Learning what we need to get a job (14%)
Getting hurt (9%)
Doing it/welding (9%)
Getting to the college/conflict with schedule (9%)
Won't like it (1%)
Won't make anything (1%)
3. Please include additional comments or concerns:
No written comments