Curriculum Update: Computer Science & Computer Information Systems

Board of Trustees Retreat
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Overview

- **Current Status: Computer Science**
- **Current Status: Computer Info. Systems**
- **Most Popular Online Degrees**
- **Faculty Support**
- **Potential Industry Partners**
- **Process: Next Steps**
Current Status: Computer Science

- **Curriculum:** 3 lecture courses
  - Intro. to Programming, Alice, Javascript (5)
  - Intro. to Computer Programming with Java (5)
  - Computer Science II Data Structures with Java (5)
- No FT faculty (only PT)
- No degree or certificate offered
- Competition: 16 WA CCs offer degree or certificate in Computer Programming, including all 5-Star Consortium Colleges and North Seattle CC
Current Status: Computer Information Systems

- Entire program (39 courses) eliminated in 2005
- No FT or PT faculty
- Competition: Other WA CCs offering a degree or certificate in the following areas:
  - Computer & Information Systems Security (6)
  - Computer Systems Networking & Telecom (25)
  - Information Processing (13)
  - Microcomputer Applications (17)
  - System Networking & LAN/WAN Management (4)
  - Technical Support / Support Services (17)
Most Popular Online Degrees

- #1 Business Administration
- #2 Liberal Arts (psychology emphasis)
- #3 Computer Information Systems
- #4 Criminal Justice
Faculty Support:
Stephanie Diemel, Physics
Potential Industry Partners:
Advisory Committee Members

- Microsoft
- Amazon
- Boeing
- Google
Process: Next Steps

- Form Advisory Committee to determine business & industry needs and curriculum
- Determine target credential:
  - AAAS degree (90 credits)
  - Certificate of Proficiency (20+ credits),
  - Certificate of Completion (up to 20 credits)
- Hire PT faculty to develop new courses
- Seek approval of new curriculum (process)
- Apply for state approval of new credential
- Hire teaching faculty