Course Title:
PC Maintenance and Repair Software

Catalog Description:
PC Maintenance and Repair Software provides curriculum to prepare students to become A+ certified. This course covers Windows software components. Students will use software tools to repair computer issues including device drivers, system updates, loading software and removal of malicious software. Students will partake in business-like atmosphere by troubleshooting and repairing assigned computer problems. Students will maintain a portfolio of completed repair projects.

Prerequisites or Necessary Entry Skills/Knowledge:

FULFILLS MN TRANSFER CURRICULUM AREA(S) *(Leave blank if not applicable)*
Goal 1: Communication: ____ by meeting the following competencies:
Goal 2: Critical Thinking: ____ by meeting the following competencies:
Goal 3: Natural Sciences: ____ by meeting the following competencies:
Goal 4: Mathematics/Logical Reasoning: ____ by meeting the following competencies:
Goal 5: History and the Social and Behavioral Sciences: ____ by meeting the following competencies:
Goal 6: The Humanities and Fine Arts: ____ by meeting the following competencies:
Goal 7: Human Diversity: ____ by meeting the following competencies:
Goal 8: Global Perspective: ____ by meeting the following competencies:
Goal 9: Ethical and Civic Responsibility: ____ by meeting the following competencies:
Goal 10: People and the Environment: ____ by meeting the following competencies:

Topics to be Covered (General)
1. Operating systems
2. Printers, modems
3. Expansion cards
4. Portable computers
5. Networks
6. Troubleshooting and Repair techniques.

**Student Learning Outcomes**

1. Install current operating systems
2. Configure network clients
3. Troubleshoot printing problems
4. Install device drivers
5. Prepare appropriate technical documentation
6. Prepare for A+ Certification test
7. Troubleshoot and repair computers
8. Use software tools to identify and remove viruses

**Is this course part of a transfer pathway: Yes ☐ No ☒**

*If yes, please list the competencies below

Revised Date: February 18, 2021