# Course Outline

**DEPT. CST**

**COURSE NUMBER:** 2215

**NUMBER OF CREDITS:** 3

<table>
<thead>
<tr>
<th>Lecture</th>
<th>Lab</th>
<th>OJT</th>
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<td>2</td>
<td>1</td>
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## 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:

None

## 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

- Operating Systems
- Printers, modems
- Expansion cards
- Portable computers
- Networks
- Troubleshooting and Repair techniques
### Student Learning Outcomes

<table>
<thead>
<tr>
<th>Student Learning Outcomes</th>
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<tr>
<td>Install current operating systems.</td>
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<td>Configure network clients.</td>
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<td>Troubleshoot printing problems.</td>
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<td>Install device drivers.</td>
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<td>Prepare appropriate technical documentation.</td>
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<tr>
<td>Prepare for A+ Certification test.</td>
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<tr>
<td>Troubleshoot and repair computers.</td>
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<tr>
<td>Use software tools to identify and remove viruses.</td>
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**Is this course part of a transfer pathway:** Yes ☐ No ☒  
*If yes, please list the competencies below*

Revised Date: 3/29/2022