**Course Title:**
Home Networking

**Catalog Description:**
Home Networking is designed to help students prepare for the CompTIA HTI+ certification exam. This is a practical approach to networking technologies, audio visual systems automation methods, and telecommunication techniques that converge in integrated home technology. Smart Home applications and devices will be explored.

**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**
- CompTIA HTI+ Certification topics
- Audio and visual systems automation methods
- Smart Home applications

**Student Learning Outcomes**
- List HTI+ certification objectives.
- Explain Home Technology Network Basics.
- Install central components and low-voltage wiring.
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<thead>
<tr>
<th>Demonstrate video &amp; audio fundamentals.</th>
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<tr>
<td>Describe Telecommunications fundamentals and installation.</td>
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<tr>
<td>Identify Home lighting control.</td>
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<td>Identify Heating, Ventilations, and air-conditioning components as related to networking the home.</td>
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<th>Is this course part of a transfer pathway:</th>
<th>Yes ☐ No ☒</th>
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<td>*If yes, please list the competencies below</td>
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Revised Date: 3/29/2022