### CURRICULUM MAP

**Division Name:** Information Technology  
**Program Name:** Computer Technology Integration (Network Infrastructure)  
**Degree/Diploma/Certificate:** AAS

#### Courses

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<thead>
<tr>
<th>Fall or 1st Semester</th>
<th>Spring or 2nd Semester</th>
<th>Summer</th>
<th>Fall or 3rd Semester</th>
<th>Spring or 4th Semester</th>
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<tbody>
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<td>NET125</td>
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#### Program - Level SLOs

**At the completion of the Network Infrastructure Program, students will be able to:**

- Design and implement Cisco networks by critically examining and balancing customer needs and technology constraints, and create supporting network documentation and professionally present the materials as needed for customers.

**At the completion of the Network Infrastructure Program, students will be able to allocate IPv4 addresses as needed using technologies such as NAT/PAT and DHCP, and create sub-netted networks to fulfill IP address design requirements.**

**At the completion of the Network Infrastructure Program, students will be able to configure Cisco routers to support routed networks using routing protocols such as OSPF, and to support switched networks using STP.**

#### CPCC Core4

- Personal Growth & Responsibility: ● ● ●**
- IT & Quantitative Literacy: ● ●
- Critical Thinking: ● ● ●
- Communication: ● ●

#### General Education Outcome/Goals

See college catalogue for specific requirements.

#### Legend

- D = Developing  
- B = Building  
- A = Accomplishing  
- Pink = Fall  
- Blue = Spring  
- Green = core4 & Gen Ed

* Core4 integration = will need to be leveled  
* Evidence/Artifact collected, assessed and stored  
SLOs = Student Learning Outcomes