This plan is a suggested semester-by-semester plan. It is designed to keep you on track for a timely graduation. This plan is not a substitute for academic advising. Contact an advisor for further information regarding placement based on ACT/SAT or COMPASS exam scores, scheduling, degree requirements, and graduation requirements.

**Note:** Successful students entering an IS/IT Program have strong basic computer literacy skills. Our programs are rigorous and fast-paced. Students are expected to be able to competently use a computer from day one. Although it is not a requirement, the department highly recommends students who need basic computer literacy take IS:116 Computer Literacy (3 credits) prior to beginning any of our programs.

<table>
<thead>
<tr>
<th>Semester 1</th>
<th>Course</th>
<th>Credits</th>
<th>Prerequisite</th>
<th>Milestone/Notes</th>
<th>Completed</th>
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<tbody>
<tr>
<td></td>
<td>IS:130 Hardware and Software Support</td>
<td>3</td>
<td>Basic Computer Literacy Expected and Reading Proficiency</td>
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<tr>
<td></td>
<td>IT:102 Desktop Client Support</td>
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<td>Basic Computer Literacy Expected and Reading Proficiency</td>
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<td></td>
<td>IT:101 Cisco Academy I: Introduction to Networks</td>
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<td></td>
<td>IT:201 Cisco Academy II: Routing &amp; Switching Essentials</td>
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<td>IT:101 with a grade of “C” and Reading Proficiency</td>
<td>OFFERED FALL AND SPRING</td>
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<td><strong>Subtotal</strong></td>
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<th>Semester 2</th>
<th>Course</th>
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<tbody>
<tr>
<td></td>
<td>IS:237 Fundamentals of Information Assurance/Security</td>
<td>3</td>
<td>IT:102 or IS:229 and Reading Proficiency</td>
<td>1st eight weeks</td>
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<tr>
<td></td>
<td>IS:229 Unix/Linux I</td>
<td>3</td>
<td>Basic Computer Literacy is expected and Reading Proficiency</td>
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<tr>
<td></td>
<td>IS:264 Unix/Linux II</td>
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<td>IS:229 and Reading Proficiency</td>
<td>OFFERED FALL AND SPRING</td>
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<td></td>
<td>IT:210 Firewall &amp; VPN Security</td>
<td>3</td>
<td>IS:237 and IT:201 with a grade of “C”</td>
<td>OFFERED FALL AND SPRING</td>
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<tr>
<td></td>
<td>IT:142 Windows Server Configuring Infrastructure</td>
<td>3</td>
<td>IT:102 with a grade of “C” or concurrent with IT:102 and Reading Proficiency</td>
<td>OFFERED SPRING ONLY</td>
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<th>Summer</th>
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<th>Milestone/Notes</th>
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<tr>
<td></td>
<td>IT:211 Virtualization &amp; Cloud Computing</td>
<td>4</td>
<td>IT:101 and IS:229 or IT:102, with a grade of “C”</td>
<td>OFFERED SUMMER ONLY</td>
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<td>Apply for graduation</td>
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<td><strong>Subtotal</strong></td>
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**Total Hours in the Program:** 35

*See Catalog for classes that will fulfill these requirements stlcc.edu/Admissions_and_Registration/Course_Catalog.html or the Network Engineering web page stlcc.edu/Programs/Network_Engineering/Index.html
Maximize your transfer credits/classes by meeting with an academic advisor.*
### Network Engineering - CP
Quick Checklist

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credit Hours</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td><strong>Required Courses</strong></td>
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</tr>
<tr>
<td>IS:130 Hardware and Software Support</td>
<td></td>
<td></td>
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<tr>
<td>IS:229 Unix/Linux I</td>
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<td></td>
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<td>IS:237 Fundamentals of Information</td>
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<tr>
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<tr>
<td>IS:264 Unix/Linux II</td>
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<td>IT:101 Cisco Networking Academy I:</td>
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<tr>
<td>Introduction to Networks</td>
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<td>IT:102 Desktop Client Support</td>
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<td>Routing &amp; Switching Essentials</td>
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<td>IT:210 Firewall and VPN Security</td>
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<td>IT:211 Introduction to Virtualization and</td>
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<tr>
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For more information, please see stlcc.edu/Programs/Degrees or consult the College Catalog at stlcc.edu/Admissions_and_Registration/Course_Catalog.html

### Advisor Contact Information

Name
Phone
Email