

**Chemeketa Community College  
Computer Programming Program**

**Program Outcomes**

Students completing the Computer Programming Program will demonstrate the knowledge, skills and attitudes to:

<b>1. Certificate</b>	NA
<b>2. AAS Core</b>	<ol style="list-style-type: none"> <li>1. Acquire new information and adapt to changes in the computer technology field.</li> <li>2. Apply a logical and systematic approach to solve problems.</li> <li>3. Use written, oral, and visual interpersonal skills to communicate with individuals or small groups.</li> <li>4. Research and interpret technical materials as they relate to areas of specialization.</li> </ol>
<b>3a. Computer Programming</b>	<p>In addition to the core outcomes, the <b>Computer Programming</b> degree students will:</p> <ol style="list-style-type: none"> <li>5. Design and implement a computer software application.</li> <li>6. Develop an application in an N-tiered environment.</li> <li>7. Analyze software life cycles and impact on system analysis.</li> </ol>
<b>3b. Computer Systems Support Specialist Option</b>	<p>In addition to the core outcomes, the <b>Computer Systems Support Specialist</b> option students will:</p> <ol style="list-style-type: none"> <li>8. Install, configure, use, maintain, and deal with security issues involved in a business environment.</li> <li>9. Configure and maintain workstation operating systems and hardware resources.</li> <li>10. Manage workgroup resources including file shares, print shares, and physical connections.</li> <li>11. Conduct and evaluate individual and small group instruction for Information Technology topics such as application software.</li> </ol>
<b>4. Information Sources</b>	<ol style="list-style-type: none"> <li>1. Computer Programming Advisory Committee</li> <li>2. Student Evaluations</li> <li>3. Data Processing Management Association</li> <li>4. Association for Computing Machinery</li> </ol>