

# INFORMATION SYSTEMS TECHNOLOGY: APPLICATION PROGRAMMING, C.S.C.

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**Location(s):** AL, AN, LO, MA, NOL, WO

**NOVA Code:** 221-299-06

## Purpose

This program prepares the student to design and implement traditional/ legacy stand-alone and client-server applications using procedural and object-oriented development techniques. Upon completion, graduates are prepared to study for one of the following industry certifications: MCP-Programming or the Sun Certified Programming for Java 2.

## One Year

Course	Title	Credits
<b>1st Semester</b>		
ITP 100	Software Design	3
Select one of the following: <sup>1</sup>		3
ITD Elective		
ITP Elective		
ITN Elective		
<b>Credits</b>		<b>6</b>
<b>2nd Semester</b>		
ITP 120 or ITP 150	JAVA Programming I or Python Programming	4
<b>Credits</b>		<b>4</b>
<b>3rd Semester</b>		
ITP 220 or ITP 250	Java Programming II or Advanced Python Programming	4
<b>Credits</b>		<b>4</b>
<b>Total Credits</b>		<b>14</b>

Information Technology (ITD, ITE, ITN, ITP) and or Computer Science (CSC) courses used for this program may not be more than 10 years old as of the first day of the fall semester of the academic year in which a student graduates, unless approved by the pathway dean.

<sup>1</sup> May select any ITN, ITD, or ITP course to fulfill this requirement.