

The IT courses in following career studies certificate may be used to complete the AAS degree in Information Systems Technology, or the program may be taken on its own.

INFORMATION SYSTEMS TECHNOLOGY:

Application Programming

Career Studies Certificate

AL, LO, MA

Purpose: This career studies certificate prepares the student to design and implement traditional/legacy stand-alone and client-server applications using procedural and object-oriented development techniques.

One Year		Credits
1st Semester		
¹ ENG/SPD	Elective	3
² IT	Programming Elective	4
² IT	Programming Elective	4
ITD	132 Structured Query Language	<u>3</u>
Total		14
2nd Semester		
³ IT	Advanced Programming Elective	4
³ IT	Advanced Programming Elective	4
ITD	134 PL/SQL Programming	3
ITP	251 Systems Analysis and Design	<u>3</u>
Total		14

Total Credits for the Career Studies Certificate in Application Programming = 28.

IT courses used for this program may not be more than 10 years old, unless approved by division dean.

¹ ENG/SPD elective must be selected from the following: ENG 111, SPD 100, 110, 115, 126, 227 or 229.

² IT Programming elective must be chosen from the following: ITP 112, ITP 120, ITP 130, ITP 132, or ITP 136.

³ IT Advanced Programming elective must be chosen from the following: ITP 212, ITP 220, ITP 230, ITP 232, or ITP 236.