

COMPUTER APPLICATIONS A.A.S.: 311E DATABASE SYSTEMS TRACK

Total Credits: 60

Catalog Editions 15-16 through 16-17 (**DELETED SUMMER 2017**)

Name: Date: ID #:

GENERAL EDUCATION: FOUNDATION COURSES	Course	Hours	Grade
English Foundation (EN 102/ENGL 102 or EN 109/ENGL 103)		3	
Math Foundation (MA 110/MATH 110 or higher)			
Speech Foundation (SP 108/COMM 108 or SP 112/COMM 112)		3	
Health Foundation HLHF (Choose HLTH 100 - HLTH 230)			
GENERAL EDUCATION: DISTRIBUTION COURSES	Course	Hours	Grade
Arts or Humanities Distribution (ARTD or HUMD)			
Behavioral & Social Sciences Distribution (BSSD)		3	
Natural Sciences Distribution with Lab (NSLD)		4	
PROGRAM REQUIREMENTS	Course	Hours	Grade
EN 101/ENGL 101 (if needed for ENGL102/103 or general elective if not) *			
	CA 106/ CMAP 106	3	
	CA 141/ CMAP 242	3	
	CA 240/ CMAP 245	3	
	CA 272/CMAP 272/ TECH 272	4	
	CA 278/CMAP 278/ TECH 278	4	
CA 282/CMAP 282/ TECH 282 or CA288/CMAP 288/ TECH 288		3	
	CS 140/ CMSC 140	3	
	CS 215/ CMSC 222	3	
CA/CMAP or CS/CMSC or TECH ELECTIVE †			
CA/CMAP or CS/CMSC or TECH ELECTIVE †			
CA/CMAP or CS/CMSC or TECH ELECTIVE †			

* ENGL 101/ENGL 101A , if needed for ENGL 102/ENGL 103, or general elective. **Overall GPA of 2.0 is required to graduate**

† Select from CA/CMAP or CS/CMSC or TECH courses.

Total Credits:

The computer applications program is for students who want to use the computer as a tool of productivity. The general education courses, in conjunction with specialized courses, provide a broad foundation and sharpen students' skills in preparation for entry or advancement in today's workplace.

This curriculum, following the database systems track, provides training, skills, and knowledge that prepare students for employment as entry-level database programmers and designers or provides current professionals with essential database programming and design skills. Students will create Microsoft Access and web database applications, as well as write database user interfaces in the Visual Basic.Net environment.

This curriculum, following the information technology track, prepares students for a wide variety of positions involving the use of application software. Job possibilities include support in the areas of accounting, finance, marketing, sales, administration, and any area that requires the use of computer applications as a necessary tool of production. Emphasis is placed on the proficient use of software applications as well as the ability to use those applications as tools in decision making, managing people and information, communicating effectively, enhancing company viability, and addressing many of today's technology challenges. This track provides students with in-depth knowledge in more than one application area and has the potential to lead to Microsoft certification in those areas.

Last Modified: March 2017

The computer applications program participates in an interdisciplinary web careers program, which includes an AAS and four certificate curricula; see Digital Media and Web Technology AAS for more information. In addition, an AAS in computer gaming and simulation is offered . See Computer Gaming and Simulation AAS for more information.

Advising Worksheet Contact:
[Anthony Solano](#)

See an advisor to submit an Application for Graduation the semester BEFORE you intend to graduate.

This UNOFFICIAL document is for planning purposes ONLY and completion does not guarantee graduation.

This degree is a career program and may not readily transfer to four year colleges/universities (except in special cases.) Visit transfer planning for more information.