

# Computer Information Systems A.A.S. Systems Engineering Technology Concentration

## Program Code

AAS-CIS-SET

## CIP

11.0101

## Type

A.A.S.

## General Education Core Requirements

Item #	Title	Credits
ORI 110	Freshman Seminar	1
ENG 101	English Composition I	3
BUS 215	Business Communications	3
BUS 271	Business Statistics I	3
	MTH 100 or higher	3-4
ECO 231	Principles of Macroeconomics	3
	Humanities/Fine Arts Elective (Excluding Speech and Foreign Language)	3

## Major Course Requirements

Item #	Title	Credits
CIS 134	IT Fundamentals (CompTIA ITF+)	3
	CIS 199 Network Communications or CIS 270 CISCO CCNA I	3
CIS 202	Python Programming	3
CIS 207	Introduction to Web Development	3
CIS 222	Database Management Systems	3
CIS 251	C++ Programming	3
CIS 266	Software Engineering with Secure Coding	3
CIS 280	Network Security (CompTIA Security+)	3
CIS 285	Object-Oriented Programming	3
SYS 101	Introduction to Systems Engineering	3
SYS 221	MBSE in the Digital Environment	3
SYS 231	Systems Modeling I	3
SYS 232	Systems Modeling II	3
SYS 233	Systems Modeling III	3
SYS 241	Systems Engineering Technology Capstone	3
	<b>Total Credits</b>	<b>64-65</b>