

# Secure Software Development: AAS Degree

**Program Title:** Secure Software Development: AAS Degree  
**Area of Emphasis:** Secure Software Development: AAS Degree

Required Courses		Credits
ENG 121	English Composition I	3
MAT 121	College Algebra (or higher)	4
<b>Choose 1 from the following</b>		<b>3</b>
Faculty approved Business Course (3)		
<i>Approved choices: BUS 115, BUS 120, BUS 216, BUS 226, MAN 210</i>		
ACC 121	Accounting Principles I (4)	
<b>Choose 1 from the following</b>		<b>3</b>
ENG 122	English Composition II (3)	
ENG 131	Technical Writing (3)	
<b>Choose 1 from the following</b>		<b>3</b>
COM 115	Public Speaking (3)	
COM 125	Interpersonal Communication (3)	
<b>Credit from any two of the following three areas:</b>		<b>6</b>
Arts & Humanities (ART, FRE, GER, HUM, ITA, JPN, LIT, MUS, PHI, RUS, SPA, THE)		
Natural & Physical Sciences (AST, BIO, CHE, ENV, GEY, PHY, SCI)		
Social & Behavioral Sciences (ANT, ECO, GEO, HIS, POS, PSY, SOC)		
Required Courses		Credits
CSC 119	Introduction to Programming: Python	3
CIS 220	Fundamentals of Unix	3
CIS 240	Database Design and Development (3)	
CIS 243	Introduction to SQL (3)	
CIS 268	Systems Analysis and Design - <i>Last Semester Course</i>	3
CSC 160	Computer Science I: (Language)	4
CSC 225	Computer Architecture	4
CSC 161	Computer Science II: (Language)	4
CSC 129	Introduction to Secure Coding	3
CSC 249	Secure Software Coding	3
<b>Choose 6 Credits from the following</b>		<b>6</b>
CNG 101	Networking Fundamentals	
CNG 131	Principles of Information Assurance (3)	
CNG 132	Network Security Fundamentals (3)	
CSC 217	Advanced Python (3)	
CSC 240	Java Programming (3)	
CSC 241	Advanced Java Programming (3)	
CSC 246	Mobile App Development (3)	
CSC 280	Internship (3) OR CIS 289 Capstone (3)	
Faculty Advisor Approved Elective (3)		
<b>Total Credits:</b>		<b>61</b>