

## **Advisement Sheet**

Student \_\_\_\_\_

## **Computer Information Systems Degree (AAS) – FA23**

First Year, Fall Semester15ENGL 101 Composition and Rhetoric13CS 101 Intro to Computer Applications2A4CIS 100 Intro to Computer Information Systems33PSVC 101 Introduction to Psychology43Elective11WVUE 191 First-Year Seminar1First Year, Spring Semester15COMM 104 Public Communication53CIS 122 Intro to Networking and Security3CIS 245 Applied Programming3MATH 124 Algebra with Applications3Lower Level Major Elective*3CIS 235 Intro to Cyber Security (Security+)3CIS 236 Intro to Cyber Security (Security+)3CIS 232 Database Design 13Lower Level Major Elective*3COM Year, Spring Semester15ECON 202 Principles of Microeconomics or8Principles of Microeconomics or8Principles of Microeconomics or3Principles of Microeconomics or3Principles of Microeconomics or3Cis Used Year, Spring Semester3Lower Level Major Elective*3Lower Level Major Elective*3Lower Level Major Elective*3Lower Level Major Elective*3Lower Level Major Elective*3 </th <th>Course Number/Name</th> <th>Course</th> <th>GEF</th> <th>Cr.</th> <th>Semester</th> <th>Grade</th>	Course Number/Name	Course	GEF	Cr.	Semester	Grade
ENGL 101 Composition and Rhetoric   1   3     CS 101 Intro to Computer Applications   2A   4     CIS 100 Intro to Computer Information Systems   3     PSYC 101 Introduction to Psychology   4   3     Elective   1   1     WVUE 191 First-Year Seminar   1   1     First Year, Spring Semester   15   1     COMM 104 Public Communication   5   3   1     CIS 245 Applied Programming   3   3   1     MATH 124 Algebra with Applications   3   3   1     Second Year, Fall Semester   15   15   1     ACCT 201 Principles of Accounting   3   3   1     CIS 248 System Analysis & Design   3   1   3     CIS 248 System Analysis & Design   3   1   1     Second Year, Spring Semester   3   1   1     CIS 245 Database Design 1   3   1   1     CIS 242 Bays manalysis & Design   3   1   1     CIS 242 Database Design 1   3   1   1   1     Lower Level Major Elective*   3 <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>						
CS 101 Intro to Computer Applications   2A   4     CIS 100 Intro to Computer Information Systems   3     PSYC 101 Introduction to Psychology   4   3     Elective   1   1     WVUE 191 First-Year Seminar   1   1     First Year, Spring Semester   15   1     COMM 104 Public Communication   5   3   1     CIS 120 Intro to Networking and Security   3   1   1     CIS 245 Applied Programming   3   3   1     CIS 245 Applied Programming   3   3   1     Lower Level Major Elective*   3   1   1     Second Year, Fall Semester   15   1   1     ACT 201 Principles of Accounting   3   3   1     CIS 226 Intro to Cyber Security (Security+)   3   1   1     CIS 220 atabase Design   3   3   1   1     CIS 220 Tababase Design 1   3   1   1   1     Lower Level Major Elective*   3   1   1   1     Lower Level Major Elective*   3   1   1   1	•			-		
CIS 100 Intro to Computer Information Systems   3     PSYC 101 Introduction to Psychology   4   3     Elective   1     WUE 191 First-Year Seminar   1     First Year, Spring Semester   15     COMM 104 Public Communication   5   3     CIS 245 Applied Programming   3     MATH 124 Algebra with Applications   3   3     Lower Level Major Elective*   3   5     Second Year, Fall Semester   15   5     CIS 245 Applied Programming   3   5     Lower Level Major Elective*   3   5     Coord Year, Fall Semester   15   5     ACCT 201 Principles of Accounting   3   5     CIS 245 Apping Elective*   3   5     CIS 245 System Analysis & Design   3   5     CIS 252 Database Design 1   3   5     Lower Level Major Elective*   3   5     Second Year, Spring Semester   15   5     Elective   3   5     Elective   3   5   5     Elective   3   5   5 <tr< td=""><td></td><td></td><td>-</td><td>-</td><td></td><td></td></tr<>			-	-		
PSYC 101 Introduction to Psychology   4   3     Elective   1     WVUE 191 First-Year Seminar   1     First Year, Spring Semester   15     COMM 104 Public Communication   5   3     CIS 112 Intro to Networking and Security   3   3     CIS 245 Applied Programming   3   3     MATH 124 Algebra with Applications   3   3     Lower Level Major Elective*   3   5     Second Year, Fall Semester   15   5     ACCT 201 Principles of Accounting   3   3     CIS 248 System Analysis & Design   3   3     CIS 252 Database Design 1   3   5     Lower Level Major Elective*   3   5     Second Year, Spring Semester   15   5     ECON 201 or 202 Principles of Microeconomics or Principles of Macroeconomics or Principles of Macroeconomics   8   3     Lower Level Major Elective*   3   5   5			2A	4		
Elective   1     WVUE 191 First-Year Seminar   1     First Year, Spring Semester   15     COMM 104 Public Communication   5   3     CIS 112 Intro to Networking and Security   3				3		
WVUE 191 First-Year Seminar   1     First Year, Spring Semester   15     COMM 104 Public Communication   5   3     CIS 112 Intro to Networking and Security   3   3     CIS 245 Applied Programming   3   3     MATH 124 Algebra with Applications   3   3     Lower Level Major Elective*   3   1     Second Year, Fall Semester   15   15     ACCT 201 Principles of Accounting   3   1     CIS 248 System Analysis & Design   3   1     CIS 225 Database Design 1   3   1     Lower Level Major Elective*   3   1     Second Year, Spring Semester   15   15     Lower Level Major Elective*   3   1     CIS 252 Database Design 1   3   1     Lower Level Major Elective*   3   1     CON 201 or 202 Principles of Microeconomics or   8   3     Principles of Macroeconomics   3   15     Lower Level Major Elective*   3   15     Lower Level Major Elective*   3   1     Lower Level Major Elective*   3   1 </td <td>PSYC 101 Introduction to Psychology</td> <td></td> <td>4</td> <td>3</td> <td></td> <td></td>	PSYC 101 Introduction to Psychology		4	3		
First Year, Spring Semester   15     COMM 104 Public Communication   5   3     CIS 112 Intro to Networking and Security   3   3     CIS 245 Applied Programming   3   3     MATH 124 Algebra with Applications   3   3     Lower Level Major Elective*   3   3     Second Year, Fall Semester   15   5     ACCT 201 Principles of Accounting   3   3     CIS 236 Intro to Cyber Security (Security+)   3   6     CIS 236 Intro to Cyber Security (Security+)   3   6     CIS 236 Intro to Cyber Security (Security+)   3   6     CIS 252 Database Design   3   6     Lower Level Major Elective*   3   6     Second Year, Spring Semester   15   6     ECON 201 or 202 Principles of Microeconomics or Principles of Microeconomics or Principles of Macroeconomics   8   3     Lower Level Major Elective*   3   6   6     Lower Level Major Elective*   3   6   6     Lower Level Major Elective*   3   6   6     Lower Level Major Elective*   3   6   6   6 </td <td>Elective</td> <td></td> <td></td> <td>1</td> <td></td> <td></td>	Elective			1		
COMM 104 Public Communication     5     3       CIS 112 Intro to Networking and Security     3     3       CIS 245 Applied Programming     3     3       MATH 124 Algebra with Applications     3     3       Lower Level Major Elective*     3     3       Second Year, Fall Semester     15     3       ACCT 201 Principles of Accounting     3     3       CIS 236 Intro to Cyber Security (Security+)     3     3       CIS 225 Database Design 1     3     3       Lower Level Major Elective*     3     3       Second Year, Spring Semester     3     3       Lower Level Major Elective*     3     5       Lower Level Major Elective*     <	WVUE 191 First-Year Seminar			1		
COMM 104 Public Communication     5     3       CIS 112 Intro to Networking and Security     3     3       CIS 245 Applied Programming     3     3       MATH 124 Algebra with Applications     3     3       Lower Level Major Elective*     3     3       Second Year, Fall Semester     15     3       ACCT 201 Principles of Accounting     3     3       CIS 236 Intro to Cyber Security (Security+)     3     3       CIS 225 Database Design 1     3     3       Lower Level Major Elective*     3     3       Second Year, Spring Semester     3     3       Lower Level Major Elective*     3     5       Lower Level Major Elective*     <	First Year, Spring Semester			15		
CIS 112 Intro to Networking and Security   3     CIS 245 Applied Programming   3     MATH 124 Algebra with Applications   3     Lower Level Major Elective*   3     Second Year, Fall Semester   15     ACCT 201 Principles of Accounting   3     CIS 236 Intro to Cyber Security (Security+)   3     CIS 236 Intro to Cyber Security (Security+)   3     CIS 252 Database Design 1   3     Lower Level Major Elective*   3     Second Year, Spring Semester   15     ECON 201 or 202 Principles of Microeconomics or Principles of Macroeconomics   8     Lower Level Major Elective*   3     Lower Level			5			
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ACCT 201 Principles of Accounting   3   3     CIS 236 Intro to Cyber Security (Security+)   3   3     CIS 248 System Analysis & Design   3   3     CIS 252 Database Design 1   3   3     Lower Level Major Elective*   3   3     Second Year, Spring Semester   15   3     ECON 201 or 202 Principles of Microeconomics or Principles of Macroeconomics   8   3     Lower Level Major Elective*   3   3     Elective   3   3     Elective   3   3	Second Year, Fall Semester			15		
CIS 236 Intro to Cyber Security (Security+)   3     CIS 248 System Analysis & Design   3     CIS 252 Database Design 1   3     Lower Level Major Elective*   3     Second Year, Spring Semester   15     ECON 201 or 202 Principles of Microeconomics or Principles of Macroeconomics   8   3     Lower Level Major Elective*   3   1     Lower Level Major Elective*   3   1     ECON 201 or 202 Principles of Microeconomics or Principles of Macroeconomics   8   3     Lower Level Major Elective*   3   1     Lower Level Major Elective   3   1				3		
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CIS 252 Database Design 1   3     Lower Level Major Elective*   3     Second Year, Spring Semester   15     ECON 201 or 202 Principles of Microeconomics or Principles of Macroeconomics   8   3     Lower Level Major Elective*   3   1     Lower Level Major Elective*   3   1     Lower Level Major Elective*   3   1     Elective   3   1     Elective   3   1				3		
Second Year, Spring Semester   15     ECON 201 or 202 Principles of Microeconomics or   8   3     Principles of Macroeconomics   3   1     Lower Level Major Elective*   3   1     Lower Level Major Elective*   3   1     Elective   3   1     Elective   3   1     Elective   3   1	CIS 252 Database Design 1			3		
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ECON 201 or 202 Principles of Microeconomics or Principles of Macroeconomics83Lower Level Major Elective*3Lower Level Major Elective*3Elective3Elective3Lower Level Major Elective*3	Second Year, Spring Semester			15		
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Elective 3   Elective 3	-					
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	Elective			3		
Total Credits Required 60						

## **Total Credits Required**

60

\* Students must choose 4 courses from the Lower Level Major Electives list to complete the AAS degree.

* Lower Level Major Electives	Recommended Open Electives
CIS 106 PC Hardware Concepts	BTEC 107 Business Communications
CIS 107 Operating Systems Concepts	BTEC 113 Spreadsheet Applications
CIS 118 Web Page Design	BTEC 120 Database Applications
CIS 237 Linux Operating Systems	BTEC 200 Customer Relations
CIS 241 Networking Fundamentals	BTEC 205 Intro to Online Marketing
CIS 250 Directed Computer Experience	BTEC 295 Entrepreneurship