

# **CIS: Cyber Security with a minor in Accounting**

## Curriculum Monitoring Sheet

**For CIS: Cyber Security Majors only - 120 hours for graduation (Preq.=Prerequisite)**

**Name:** \_\_\_\_\_ **ID:** \_\_\_\_\_

### **I. General Education Hours (51 to 52 hours - Required for All CIS students.)**

<b>General Studies</b>	1	_____
GST 004		
<b>*Freshman Composition (A grade of 'C' or above required.)</b>	6	___/___
ENG 101 and ENG 102		
<b>Literature (Preq.: ENG 101 and ENG 102)</b>	6	___/___
HUM 225 or 226		
<b>AND one of the following:</b>		
HUM 225 or HUM 226, ENG 323, 324, 328, 329, 354		
<b>*Mathematics (Both courses required. A grade of 'C' or above required.)</b>	6	___/___
MAT 115 and MAT 160		
<b>Natural Science (One course with Lab)</b>	4	_____
SCI 150 Biological, SCI 151 Physical, SCI 152 Chemical NSC 260		
<b>World Civilizations (One course)</b>	3	_____
HIS 145, 146 HIS 201, 202		
<b>Fine Arts, Speech, and Drama (One course)</b>	2 - 3	_____
ART 308, 309 or HUM 210, 211 MUS 201, 202, 301, 302 SPH 203, 217, or THR 305 (Preq. THR 201)		

<b>Foreign Language (Two courses. One at the 102 level or higher)</b>	6	___/___
French, Spanish		
<b>African-American Heritage (One course)</b>	3	_____
ART 310 ENG 337, 338 (Preq. ENG 101 and ENG 102) HIS 225, 226 MUS 333, 321 NSC 290 REL 235		
<b>Personal Wellness (Both courses)</b>	2	___/___
HLH 101 and PED 101		
<b>Computer Information Systems (A grade of 'C' or above required.)</b>	3	_____
CIS 163		
<b>Social Science</b>	9	___/___/___
ECO 231 (A grade of 'C' or above required.) <b>AND two courses from one of three areas below:</b>		
a) PSY 101, 201 b) GEO 203, 204, 205, PSC 230, or SOC 200 c) REL 201, 224, 311, 312, 316, <b>OR</b> PHI 211, 212, 213, 314, 316		
<b>TOTAL</b>	<b>51 – 52 credits</b>	

\*Students who's Placement Test scores fall below certain levels may be advised to take ENG 100 and MAT 100. These courses do not count towards graduation.

### **II. SLBS Core Courses (13 hours - Required for All CIS: Cyber Security Majors. A grade of 'C' or above required.)**

ACC 201 – Financial Accounting	Preq.: MAT 160 or 170	4	_____
FNB 300 – Principles of Finance	Preq.: ACC 201	3	_____
MGT 200 – Intro to Legal Environments	Preq.: Sophomore standing	3	_____
MGT 314 – Management and Organizational Behavior	Preq.: Junior standing	3	_____

### **III. Information Systems Courses (18 hours - Required for All CIS: Cyber Security Majors. A grade of 'C' or above required.)**

CIS 263 – Networks and Telecommunication	Preq.: CIS 163	3	_____
CIS 265 – Electronic Commerce	Preq.: CIS 163	3	_____
CIS 360 – Database Design and Implementation	Preq.: CIS 263, CIS 265	3	_____
CIS 362 – IS Hardware and Software	Preq.: CIS 263, CIS 265	3	_____
CIS 364 – Systems Analysis and Design	Preq.: CIS 360, CIS 362	3	_____
<b>Plus one of the following:</b>			
CIS 368 – Application Programming	Preq.: CIS 263, CIS 265	3	_____
CIS 363 – Operating Systems	Preq.: CIS 360, CIS 362	3	_____

### **IV. Cyber Security Courses (9 hours - Required for All CIS: Cyber Security Majors. A grade of 'C' or above required.)**

CIS 214 – Foundations of Cyber Crime and Security	Preq.: CIS 163	3	_____
CIS 215 – Foundations of Digital Forensics	Preq.: CIS 163	3	_____
CIS 462 – Network Security Management	Preq.: CIS 263	3	_____

### **V. Mathematics Course (3 hours - A grade of 'C' or above required.)**

MAT 201 – Statistics	Preq.: MAT 115 or higher	3	_____
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### **VI. Investigative Courses (9 hours - A grade of 'C' or above required.)**

CCJ 180 – Introduction to Criminal Justice System		3	_____
CCJ 205 – Criminology	Preq.: CCJ 180	3	_____
CCJ 314 – Criminal Investigations	Preq.: CCJ 180	3	_____

### **VII. Accounting and Economics Courses (17 hours - A grade of 'C' or above required.)**

ECO 232 – Micro Economics	Preq.: ECO 231	3	_____
ACC 301 – Intermediate Accounting I	Preq.: ACC 201	4	_____
ACC 302 – Intermediate Accounting II	Preq.: ACC 301	4	_____
ACC 303 – Accounting Information Systems	Preq.: CIS 163	3	_____
ACC 401 – Auditing	Preq.: ACC 301	3	_____

## Freshman Year

First Semester		
Class	Hrs.	Grade
ENG 101 – Freshman Composition I	3	
World Civilizations (HIS 145, 146, 201, or 202)	3	
MAT 115 – Mathematics	3	
French or Spanish (101)	3	
GST 004 – General Studies	1	
CIS 163 – Computer Information Systems	3	
<b>TOTAL</b>	<b>16</b>	

Second Semester		
Class	Hrs.	Grade
ENG 102 – Freshman Composition II	3	
MAT 160 – Mathematics	3	
French or Spanish (102)	3	
African American Heritage (ART 310; HIS 225, 226; ENG 337, 338; MUS 321, 333; or REL 235)	3	
Natural Science with Lab (SCI 150, 151, 152, or NSC 260)	4	
<b>TOTAL</b>	<b>16</b>	

## Sophomore Year

First Semester		
Class	Hrs.	Grade
Literature I (HUM 225 or 226, and one of: HUM 225, HUM 226, ENG 323, ENG 324, ENG 328, ENG 329, ENG 354)	3	
ACC 201 – Financial Accounting	4	
ECO 231 – Macro-Economics	3	
CIS 214 – Founda. of Cyber Crime and Security	3	
Social Science (PSY 101, PSY 201, GEO 203, PSC 230, SOC 200)	3	
<b>TOTAL</b>	<b>16</b>	

Second Semester		
Class	Hrs.	Grade
Literature II (HUM 225 or 226, and one of: HUM 225, HUM 226, ENG 323, ENG 324, ENG 328, ENG 329, ENG 354)	3	
FNB 300 – Principles of Finance	3	
CCJ 180 – Intro. To Criminal Justice	3	
CIS 215 – Foundations of Digital Forensics	3	
PED 101 or HLH 101	1	
ECO 232 – Micro-Economics	3	
<b>TOTAL</b>	<b>16</b>	

## Junior Year

First Semester		
Class	Hrs.	Grade
ACC 302 – Intermediate Accounting II	4	
CIS 263 – Networks and Telecommunication	3	
CCJ 205 – Criminology	3	
PED 101 or HLH 101	1	
CIS 265 – Electronic Commerce	3	
SPH 217 – Informative Speaking	2	
<b>TOTAL</b>	<b>16</b>	

Second Semester		
Class	Hrs.	Grade
MGT 200 – Intro. to Legal Environments	3	
CIS 362 – IS Hardware and Software	3	
ACC 302 – Intermediate Accounting II	4	
Social Science (REL 224, REL 311, REL 312, REL 316, PHI 211, PHI 212, PHI 213, PHI 314, PHI 316)	3	
MAT 201 – Statistics	3	
<b>TOTAL</b>	<b>16</b>	

## Senior Year

First Semester		
Class	Hrs.	Grade
CIS 368 – Application Programming OR CIS 363 – Operating Systems	3	
CIS 360 – Database Design and Implement.	3	
CCJ 314 – Criminal Investigations	3	
MGT 314 – Management and Org. Behavior	3	
<b>TOTAL</b>	<b>12</b>	

Second Semester		
Class	Hrs.	Grade
ACC 303 – Accounting Information Systems	3	
CIS 462 – Network Security Management	3	
CIS 364 – System Analysis and Design	3	
FNB 441 – Auditing	3	
<b>TOTAL</b>	<b>12</b>	

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