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BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY
 Audit Worksheet 20 Catalog (expires Summer 202)

1 st & 2 nd Years Gen Ed & Area F	3 rd & 4 th Years
<p>AREA A – Essential Skills 9-10 HOURS</p> <p>ENGL 1101 ENGL 1102 MATH 1111,1112, 1113, or 1251</p>	<p>IT UPPER DIVISION REQUIREMENTS</p> <p>IT Upper Level Core Courses 21 HOURS</p> <p>ITEC 3155 Systems Analysis & Design ITEC 3235 Human Computer Interaction ITEC 3245 Database Principles</p>
<p>AREA C – Humanities/Fine Arts 6 HOURS Literature-based Elective</p> <p>Choose one (circle): ENGL 2111, 2112, 2121, 2122, 2131, 2141, or 2142</p> <p>AREA C Elective</p>	

CYBER FORENSICS

BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY

Audit Worksheet 20

Catalog (expires Summer 2022)

1 st & 2 nd Years Gen Ed & Area F	3 rd & 4 th Years
AREA A – Essential Skills 9-10 HOURS ENGL 1101 ENGL 1102 MATH 1111, 1112, 1113, or 1251 *MATH 1101 is required if SAT Math < 550 or ACT < 24	IT UPPER DIVISION REQUIREMENTS IT Upper Level Core Courses 21 HOURS ITEC 3155 Systems Analysis & Design ITEC 3235 Human Computer Interaction ITEC 3245 Database Principles ITEC 3300 Project Management ITEC 4200 Foundations of Info Assurance ITEC 4205 Legal and Ethical Issues in IT ITEC 4750 Senior Capstone
AREA B – Institutional Options 4 HOURS Area B Elective (ITEC 1001 recommended)	
AREA C – Humanities/Fine Arts 6 HOURS Literature-based Elective Choose one (circle): ENGL 2111, 2112, 2121, 2122, 2131, 2132, 2141, or 2142	
AREA C Elective COMM 1110 or COMM 1100	
AREA D – Nat Science, Math, and Tech 11-12 HOURS Area D Elective Choose one (circle) MATH 1200, 1401, 1251, 1501, 2252, 2253, 2260, 2270 Lab-Science Elective Choose two (circle):	CYBERFORENSIC COURSES 21 HRS Required ITEC 4321 Forensics/Data Recovery ITEC 4322 Advanced Forensics ITEC 4341 Network Forensics and Incident Response Planning CRJU 3200 Criminal Procedure and Evidence CRJU 4310 White Collar and Cybercrime Two Classes from the Following ITEC 3328 Linux System Administration ITEC 4344 Ethical Hacking ITEC 4299 Special Topics in Cyber Forensics , 7 (& 0 R E L O H) R U H Q V L F V

CYBERSECURITY

BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY

Audit Worksheet 201 -20 Catalog (expires Summer 2021)

1 st & 2 nd Years Gen Ed & Area F	3 rd & 4 th Years
AREA A – Essential Skills 9-10 HOURS ENGL 1101 ENGL 1102 MATH 1111, 1112, 1113, or 1251 *MATH 1101 is required if SAT Math < 550 or ACT < 24	IT UPPER DIVISION REQUIREMENTS IT Upper Level Core Courses 21 HOURS ITEC 3155 Systems Analysis & Design ITEC 3235 Human Computer Interaction ITEC 3245 Database Principles ITEC 3300 Project Management ITEC 4200 Foundations of Info Assurance ITEC 4205 Legal and Ethical Issues in IT ITEC 4750 Senior Capstone
AREA B – Institutional Options 4 HOURS Area B Elective (ITEC 1001 recommended)	
AREA C – Humanities/Fine Arts 6 HOURS Literature-based Elective Choose one (circle): ENGL 2111, 2112, 2121, 2122, 2131, 2132, 2141, or 2142	
AREA C Elective COMM 1110 or COMM 1100	
AREA D – Nat Science, Math, and Tech 11-12 HOURS Area D Elective Choose one (circle) MA	CYBERSECURITY COURSES 27 HRS ITEC 3325 Windows System Admin ITEC 3328 Linux Systems Admin ITEC 4345 Cyber Systems Security ITEC 4344 Ethical Hacking ITEC 4321 Digital Forensics ITEC 4341 Network Forensics and Incident Response Planning ITEC 4361 Software Security ITEC 4370 Virtual Computing ITEC 4421 Network Security

INTEGRATED DIGITAL MEDIA & GAME DESIGN

BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY

Audit Worksheet 20120 Catalog (expires Summer 2022)

1 st & 2 nd Years Gen Ed & Area F	3 rd & 4 th Years
<p>AREA A – Essential Skills 9-10 HOURS</p> <p>ENGL 1101 ENGL 1102 MATH 1111, 1112, 1113, or 1251</p> <p>*MATH 1101 is required if SAT Math < 550 or ACT < 24</p>	<p>IT UPPER DIVISION REQUIREMENTS</p> <p>IT Upper Level Core Courses 21 HOURS</p> <p>ITEC 3155 Systems Analysis & Design ITEC 3235 Human Computer Interaction ITEC 3245 Database Principles ITEC 3300 Project Management ITEC 4200 Foundations of Info Assurance ITEC 4205 Legal and Ethical Issues in IT ITEC 4750 Senior Capstone</p>
<p>AREA B – Institutional Options 4 HOURS</p> <p>Area B Elective (ITEC 1001 recommended)</p>	
<p>AREA C – Humanities/Fine Arts 6 HOURS</p> <p>Literature-based Elective</p> <p>Choose one (circle): ENGL 2111, 2112, 2121, 2122, 2131, 2132, 2141, or 2142</p>	
<p>AREA C Elective</p>	

COMM 1110 or COMM 1100

NETWORK TECHNOLOGY & ADMINISTRATION

BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY

Audit Worksheet 201 -20 Catalog (expires Summer 2022)

1st & 2nd Years Gen Ed & Area F

3rd & 4th Years

SOFTWARE ENGINEERING

BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY

Audit Worksheet 20120 Catalog (expires Summer 202)

1 st & 2 nd Years Gen Ed & Area F	3 rd & 4 th Years
<p>AREA A – Essential Skills 9-10 HOURS</p> <p>ENGL 1101 ENGL 1102 MATH 1111,1112, 1113 , or 1251</p> <p>*MATH 1101 is required if SAT Math < 550 or ACT < 24</p>	<p>IT UPPER DIVISION REQUIREMENTS</p> <p>IT Upper Level Core Courses 21 HOURS</p> <p>ITEC 3155 Systems Analysis & Design ITEC 3235 Human Computer Interaction ITEC 3245 Database Principles ITEC 3300 Project Management ITEC 4200 Foundations of Info Assurance ITEC 4205 Legal and Ethical Issues in IT ITEC 4750 Senior Capstone</p>
<p>AREA B – Institutional Options 4 HOURS</p> <p>Area B Elective (ITEC 1001 recommended)</p>	
<p>AREA C – Humanities/Fine Arts 6 HOURS</p> <p>Literature-based Elective</p> <p>Choose one (circle): ENGL 2111, 2112, 2121, 2122, 2131, 2132, 2141, or 2142</p>	
<p>AREA C Elective</p>	
	<p>SOFTWARE ENGINEERING 30</p>

COMM 1110 or COMM 1100

WEB APPLICATIONS DEVELOPMENT

BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY

Audit Worksheet 201-20 Catalog (expires Summer 202)

1st & 2nd Years Gen Ed & Area F

3rd & 4th Years

CRITICAL INFRASTRUCTURE MANAGEMENT

BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY

Audit Worksheet 201 -20 Catalog (expires Summer 202)

GENERAL EDUCATION REQUIREMENTS
AREA A – Essential Skills 9-10
HOURS
ENGL 1101
ENGL 1102 or 1102H
MATH 1111, 1112, 1113, 1113H, or 1251
*MATH 1101 is required if SAT Math < 550 or ACT < 24

AREA F 18-19 HOURS
MAJOR FIELD HRS GRADE
ITEC 2215 Intro to IT
ITEC 2260 Intro to Programming
ITEC 2270 Application Development
ITEC 2320 Networking Essentials
ITEC 2380 Web Development
Choose one (circle)
MATH 1251, 2120, 2252, 2253, 2260, 2270

IT UPPER DIVISION REQUIREMENTS 21 HOURS
IT Upper Level Core Courses
ITEC 3155 Systems Analysis & Design
ITEC 3235 Human Computer Interaction
ITEC 3245 Database Principles
ITEC 3300 Project Management
ITEC 4200 Foundations of Info Assurance
ITEC 4205 Legal and Ethical Issues in IT
ITEC 4750 Senior Capstone

GRADUATION REQUIREMENT CHECKLIST

DegreeMap

Year1

Semester One		Semester Two		Summer Session (optional)	
1		1		1	
2		2		2	
3		3			
4		4			
5		5			
Optional 6 th		Optional 6 th			

Year2

Semester One		Semester Two		Summer Session (optional)	
1		1		1	
2		2		2	
3		3			
4		4			
5		5			
Optional 6 th		Optional 6 th			