

	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	+HDOWK , QIRUPDWLFV	HRS
COMM 1110 or COMM 1100		
AREA D – Nat Science, Math, and Tech	11-	
	Required (hours)	
	+ / 6 \$ \$PHULFDQ +HDOWK &DUH 6\ VWHP	
	+ / 6 \$ +HDOWK &DUH 0DQDJHPPHQW	
	+ / 6 \$ 'HVLJQ 0DQDJHPPHQW	
	Select two(2) from the following (6 hours)	
	+ / 6 \$ 3XEOLF +HDOWK (SLGHPLRORJ\	
	+ / 6 \$ 4XDOLW\ 0DQDJHPPHQW ,PSURYHPPHQW	
	+ / 6 \$ +HDOWK /DZ (WKLFV	
	+ / 6 \$ 0DQDJHG &DUH	

CYBERSECURITY

BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY

Audit Worksheet 201201 Catalog (expires Summer 2012)

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	
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 ()TJ EMC /P <</MOS(uri)1.4 (t)1.34(y)-3.6 5

COMM 1110 or COMM 1100

INTEGRATED DIGITAL MEDIA & GAME DESIGN

BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY

Audit Worksheet 201-201 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): 63g 8.L* f qps /2JTJ4L* f qps ENGL 2111, 2112, 2121, 2122, 2131, 2141, or 2142</p>	
<p>AREA C Elective</p>	
<p>COMM 1110 or COMM 1100</p>	

NETWORK TECHNOLOGY & ADMINISTRATION

BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY

Audit Worksheet 201 -201 Catalog (expires Summer 2022)

1st & 2nd Years Gen Ed & Area F

3rd & 4th Years

SOFTWARE ENGINEERING

BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY

Audit Worksheet 201201 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 HRS</p>	

COMM 1110 or COMM 1100

Required (30 hours)

- ITEC 3250 Software Engineering
- ITEC 3264 Data Structures/Algorithm Analysis
- ITEC 3265 Operating Systems
- ITEC 4261 JAVA Programming OR ITEC 4266 C++ Programming
- ITEC 4270 Robot Programming
- ITEC 4329 Data Communications
- ITEC 4361 Software Security
- ITEC 4362 Computer Architecture
- ITEC 4364 Systems Programming

WEB APPLICATIONS DEVELOPMENT

BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY

Audit Worksheet 201

DegreeMap

Year1

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

Year2

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

Year3

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

Year4

Semester One		Semester Two		Summer Session (optional)	
1		1		1	
2		2		2	
3		3			