



School of Engineering and Technology

Student ID: _____
Student Name: _____
Program Entry Date: _____

Degree/Program Plan: B.S. Computer & Info Tech
 Program/Plan Code: TECH1 / CITSDBS
 Requirement Term: 01/01/2007 [4072]
 Track or Option: Standard Option

***** NOTE Program/Plan Prerequisite: CIT 106

1st Term

Course#	Units	Title	Pre- or Co-requisite
CIT 112	3	Info Tech Fundamentals	
CIT 120	3	Quantitative Analysis I	P. MATH 111
MATH 159	5	Precalculus	or MATH 153 & 154
ENG-W 131*	3	Elementary Composition I	

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2nd Term

Course#	Units	Title	Pre- or Co-requisite
CIT 140*	3	Prog Constructs Laboratory	P. CIT 106 and CIT 120
CIT 212	3	Web Site Design	P. or C. CIT 112
CIT 214	3	Intro to Data Management	P. or C. CIT 212
OLS/IET/BUS	3	OLS 252 or IET 104 or BUS-X 100	
COMM-R 110	3	Fund of Speech Communications	

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3rd Term

Course#	Units	Title	Pre- or Co-requisite
200 Prog.*	3	CIT 200 Level Programming Lang.	P. CIT 112 and CIT 140
CIT 213	3	Systems Analysis & Design	P. CIT 214 and (CIT 140 or 215)
CIT 233	3	Hardware/Software Architecture	P. CIT 112
CIT 220	3	Quantitative Analysis II	P. CIT 120 or ECET 209 & MATH 159 or 153
TCM 220	3	Technical Report Writing	

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4th Term

Course#	Units	Title	Pre- or Co-requisite
CIT 286	3	Operating Systems & Admin	P. CIT 233 or ECET 209 & 200 Prog. Lang.
CIT 307	4	Data Communications	P. CIT 220
CIT Select	3	Any CIT course (not E courses)	
OLS/IET/BUS/NEW-M	3	OLS/IET/BUS Elect. or NEWM-N 250	
Free Elect	3	Any College Course	

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5th Term

Course#	Units	Title	Pre- or Co-requisite
CIT 336	2	Data Communications Lab	P. or C. CIT 307
CIT 300/400	3	CIT 300/400 Selective	
MATH 221	3	or CIT 320 or MATH-M 119	
TCM 300/400	3	TCM 300/400 Elective	
Humanities	3	Humanities Elective	
CIT 310	1	Career Planning	P. Junior Standing

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6th Term

Course#	Units	Title	Pre- or Co-requisite
300 Prog.	3	CIT 329 or 347 or 362 or 388	P. 200 Prog. or (CIT 140 & 214 for VB II)
CIT 303	3	Comm. Security & Network Controls	P. CIT 307 or ECET 284
CIT 300/400	3	CIT 300/400 Selective	
Science	4	(BIOL, CHEM, GEOL, PHYS) + Lab	
Free Elect	3	Any College Course	

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7th Term

Course#	Units	Title	Pre- or Co-requisite
CIT 300/400	3	CIT 300/400 Selective	
CIT 300/400	3	CIT 300/400 Selective	
CIT Select	3	Any CIT course (not E courses)	
Soc/Hum	3	Social Science or Humanities Elec.	
Free Elect	3	Any College Course	

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8th Term

Course#	Units	Title	Pre- or Co-requisite
CIT 300/400	3	CIT 300/400 Selective	
CIT 300/400	3	CIT 300/400 Selective	
CIT Select	3	Any CIT course (not E courses)	
Soc Sci	3	Social Science Elective.	
Free Elect	3	Any College Course	

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* Must be completed with a grade of C or better.



School of Engineering and Technology

Additional Information:	ID: _____
	Name: _____

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Core Requirements

Course#	Units	Term	Grade	Comments
A.S.				
CIT 112	3			
CIT 140	3			
CIT 212	3			
CIT 213	3			
CIT 214	3			
CIT 233	3			
200 Prog.	3			CIT 242 or 262 or 270
CIT 286	3			
CIT 307	4			
CIT Select.	3			
B.S.				
CIT 303	3			
CIT 310	1			
CIT 336	2			
300 Prog.	3			CIT 329 or 347 or 362 or 388
CIT 300/400	3			
CIT 300/400	3			
CIT 300/400	3			
CIT 300/400	3			
CIT 300/400	3			
CIT 300/400	3			
CIT 300/400	3			
CIT Select.	3			
CIT Select.	3			

total: 64

Math and Science Requirements

Course#	Units	Term	Grade	Comments
A.S.				
MATH 159	5			or MATH 153 & 154
CIT 120	3			
CIT 220	3			
B.S.				
SCI ELEC	4			(BIOL, CHEM, GEOL, PHYS) + Lab
MATH 221	3			or CIT 320 or MATH-M 119

total: 18

General Education Requirements

Course#	Units	Term	Grade	Comments
A.S.				
ENG-W 131	3			
COMM-R 110	3			
TCM 220	3			
B.S.				
TCM 300/400	3			
SocSci. Elec.	3			
Humanities	3			
SocSci/Huma	3			

total: 21

Technical Electives or Selectives

Course#	Units	Term	Grade	Comments
A.S.				
OLS/IET/BUS	3			OLS 252 or IET 104 or BUS-X 100
OLS/BUS Elec.	3			
Free Elective	3			
B.S.				
Free Elective	3			
Free Elective	3			
Free Elective	3			

total: 18

Social Science = ANTH, ECON, PSY, POLS, SOC, or GEOG-G 110, 130, 314, 331, 338, 355, 410 but **NOT** ECON-E 270, PSY-B 305 or SOC-R 359.

CIT Selectives may include CGT 211, 241, 341, 351, 356, 451, 456 or CSCI-N 351, 355, or 361.

Only 6 units in any one project/internship/coop course number with a maximum of 12 units will count toward Selectives.

39 Units in Upper Level (300/400) Courses Required for B.S. Degree

- Student has completed 12 honors designated courses in CIT.
 Student has completed 24 honors units toward departmental honors.

Computer and Information Technology: 274-9705

Offices: ET 301

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