

# School of Engineering and Technology

Student ID: \_\_\_\_\_  
 Student Name: \_\_\_\_\_  
 Program Entry Date: \_\_\_\_\_

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

\*\*\*\*\* NOTE Program/Plan Prerequisite: CIT 10600

## 1st Term

Course#	Units	Title	Pre- or Co-requisite
CIT 11200	3	Info Tech Fundamentals	
CIT 12000	3	Quantitative Analysis I	P. MATH 11100
MATH 15900	5	Precalculus	or MATH 15300 & 15400
ENG-W 131*	3	Elementary Composition I	

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## 5th Term

Course#	Units	Title	Pre- or Co-requisite
CIT 30300	3	Comm Security & Net Controls	P. CIT 30700 or ECET 28400
CIT 40200	3	Design & Implementation of LAN	P. CIT 30700 or ECET 28400
30000 Prog.	3	CIT 32900 or 34700 or 38800 Java or VB	P. related 20000 Prog
TCM 300/400	3	30000/40000 Level Selective	
Humanities	3	Humanities Elective	
CIT 31000	1	Career Planning	P. Sophomore Standing

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## 2nd Term

Course#	Units	Title	Pre- or Co-requisite
CIT 14000*	3	Prog Constructs Laboratory	CIT 10600 & 12000 or Math 15400/15900 or ECET 10900
CIT 21200	3	Web Site Design	
CIT 21400	3	Intro to Data Management	CIT 11200 or 12000 or MATH 15400 or 15900 or M118
OLS/IET/BUS	3	OLS 25200 or IET 10400 or BUS-X 100	
COMM-R 110	3	Fund of Speech Communications	

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## 6th Term

Course#	Units	Title	Pre- or Co-requisite
CIT 32000	3	or MATH 22100 or MATH-M 119	P: CIT 22000
CIT 40600	3	Adv Network Security	P. CIT 30300
CIT 41500	3	Adv Network Administration	P. CIT 35600
Soc Sci	3	Social Science Elective	
Science	4	(BIOL, CHEM, GEOL, PHYS) + LAB	

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## 3rd Term

Course#	Units	Title	Pre- or Co-requisite
20000 Prog*	3	CIT 24200 or CIT 27000	CIT 10600 & 12000 or Math 15400/15900 or ECET 10900
CIT 21300	3	Systems Analysis & Design	P. CIT 14000 or 21500 & P. or C. CIT 21400
CIT 23300	3	Hardware/Software Architecture	P. CIT 11200
CIT 22000	3	Quantitative Analysis II	P. CIT 12000 or ECET 10900 or MATH 15300 or M118
TCM 22000	3	Technical Report Writing	P. ENG-W 131

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## 7th Term

Course#	Units	Title	Pre- or Co-requisite
CIT 42000	3	Digital Forensics	P. CIT 41500 & 40600
CIT 46000	3	Wireless Security	P. CIT 40200 & 30300
CIT Select	3	Any CIT course (not E courses)	
OLS/BUS	3	OLS/BUS Elect. or NEWM-N 250	
Free Elect	3	Any College Course	

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## 4th Term

Course#	Units	Title	Pre- or Co-requisite
CIT 28600	3	Operating Systems & Admin	P. CIT 23300 or ECET 20900 & CIT 24200 or 27000
CIT 30700	4	Data Communications	P. CIT 23300
CIT 35600	3	Network Operations & Admin	P. or C. CIT 28600
ECET 20900	4	Intro to Microcontrollers	
Free Elect	2	Any College Course	

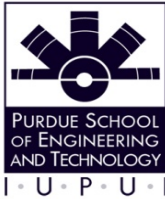
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## 8th Term

Course#	Units	Title	Pre- or Co-requisite
CIT 43100	3	Applied Security Protocols	P. CIT 40600
CIT 45100	3	IT Security Risk Assessment	P. 40600 or consent of instructor
CIT 49000	3	IT Experience	
Soc/Hum	3	Social Science or Humanities Elec.	
Free Elect	2	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: _____

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

## Core Requirements

Course#	Units	Term	Grade	Comments
<b>A.S. - 31 units</b>				
CIT 11200	3			
CIT 14000	3			
CIT 21200	3			
CIT 21300	3			
CIT 21400	3			
CIT 23300	3			
20000 Prog.	3			
CIT 28600	3			
CIT 30700	4			
CIT 35600	3			
<b>B.S. - 34 units</b>				
30000 Prog.	3			
CIT 31000	1			
CIT 30300	3			
CIT 40200	3			
CIT 40600	3			
CIT 41500	3			
CIT 42000	3			
CIT 43100	3			
CIT 45100	3			
CIT 46000	3			
CIT 49000	3			
CIT Select.	3			

total: 65

## Math and Science Requirements

Course#	Units	Term	Grade	Comments
<b>A.S.</b>				
MATH 15900	5			or MATH 15300 & 15400
CIT 12000	3			
CIT 22000	3			
<b>B.S.</b>				
SCI ELECT	4			(BIOL, CHEM, GEOL, PHYS) + LAB
CIT 32000	3			or MATH 22100 or MATH-M 119

total: 18

## General Education Requirements

Course#	Units	Term	Grade	Comments
<b>A.S.</b>				
ENG-W 131	3			
COMM-R 110	3			
TCM 22000	3			
<b>B.S.</b>				
TCM 300/400	3			
SocScience	3			
Humanities	3			
SocSci/Hum	3			

total: 21

## Technical Electives or Selectives

Course#	Units	Term	Grade	Comments
<b>A.S.</b>				
OLS/IET/BUS	3			OLS 25200 or IET 10400 or BUS-X 100
ECET 20900	4			
Free Elective	2			
<b>B.S.</b>				
Free Elective	3			
Free Elective	2			
OLS/BUS	3			

total: 17

CIT 10600	3			Program Prerequisite
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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 21100, 24100, 34100, 35100, 35600, 45100, 45600 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 (30000/40000) 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

rev. 4/13/2009

Offices: ET 301

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