Phone Number_____ NAME_____

Email Address_____ ID_____

DEPARTMENT OF COMPUTER & INFORMATION TECHNOLOGY
NETWORK ENGINEERING TECHNOLOGY CONCENTRATION (NET) **Effective Fall 2011**

FIRST SEMESTER					SECOND SEMESTER				
COURSE REQUIREMENT	SUB/EQUIV	CR	GR	SEM	COURSE REQUIREMENT	SUB/EQUIV	CR	GR	SEM
CNIT 17600 (Info Tech & Architectures)		3			CNIT 15500 (Intro to Software Dev Concepts)		3		
CNIT 18000 (Intro to Systems Dev)		3			COM 11400 (Fund of Speech Communication)		3		
MA 22300 (Intro Analysis I)		3			MA 22400 (Intro Analysis II)		3		
ENGL 10600 (First-Year Composition)		4			OLS 25200 (Human Relations in Organizations)		3		
TECH 12000 (Technology & the Individual)		3			IT 10400 (Industrial Organization)		3		
TOTAL CREDIT HOURS		16			TOTAL CREDIT HOURS		15		

THIRD SEMESTER					FOURTH SEMESTER				
COURSE REQUIREMENT	SUB/EQUIV	CR	GR	SEM	COURSE REQUIREMENT	SUB/EQUIV	CR	GR	SEM
CNIT 24000 (Data Comm & Networking)		3			CNIT 24200 (System Administration)		3		
CNIT 25500 (Intro to Obj-Oriented Prog)		3			CNIT 28000 (Sys Analysis & Design Methods)		3		
CNIT 27200 (Database Fundamentals)		3			CNIT 31500 (Systems Programming)		3		
ECET 22400[1]		3			Statistics Selective[2] (e.g. STAT 30100)		3		
Physics Selective I[3] (e.g. PHYS 21800)		4			Physics Selective II[4] (e.g. PHYS 21900)		4		
TOTAL CREDIT HOURS		16			TOTAL CREDIT HOURS		16		

FIFTH SEMESTER					SIXTH SEMESTER				
COURSE REQUIREMENT	SUB/EQUIV	CR	GR	SEM	COURSE REQUIREMENT	SUB/EQUIV	CR	GR	SEM
CNIT 34000 (UNIX Administration)		3			CNIT 34200 (Adv Syst & Network Adm)		3		
CNIT 34500 (Internetwork Design & Implem)		3			CNIT 34600 (Wireless Networks)		3		
ECET 37400		3			Professional Writing Selective[6]		3		
Professional Speaking Selective[5]		3			Information Systems Selective[7]		3		
TECH 32000 (Technology & the Organization)		3			TECH 33000 (Tech & the Global Society)		3		
TOTAL CREDIT HOURS		15			TOTAL CREDIT HOURS		15		

SEVENTH SEMESTER					EIGHTH SEMESTER				
COURSE REQUIREMENT	SUB/EQUIV	CR	GR	SEM	COURSE REQUIREMENT	SUB/EQUIV	CR	GR	SEM
CNIT 45500 (Network Security)		3			CNIT 48000 (Managing Info Tech Projects)		3		
NET Selective[8]		3			NET Selective[8]		3		
Information Systems Selective[7]		3			Business & Economic Selective[9]		3		
Business & Economic Selective[9]		3			Communications Selective[10]		3		
Liberal Arts Selective[11]		3			Liberal Arts Selective[11]		3		
TOTAL CREDIT HOURS		15			TOTAL CREDIT HOURS		15		

Total Credit Hours: 123

•**A MINIMUM GRADE OF "C" IS REQUIRED IN ALL <u>PREREQUISITE</u> CNIT COURSES. IF YOU EARN A "D"
IN A CNIT COURSE THAT IS NOT USED AS A PREREQUISITE, YOU NEED NOT RETAKE THE CLASS.
•EFFECTIVE FALL 2002: A MINIMUM GRADE POINT AVERAGE OF 2.0 IS REQUIRED IN CNIT COURSES
•CNIT COURSES MAY BE TAKEN NO MORE THAN THREE TIMES (INCLUSIVE OF W, WF or WN and I GRADES)
IN ORDER TO FULFILL THE ABOVE REQUIREMENTS.**

[9] **BUSINESS AND ECONOMICS SELECTIVES (6 Credits Required): (subject to availability)**
(Select any two courses, except as indicated with "or": these courses are equivalent.)

Finance	IT 45000	Production Cost Analysis
	IET 45100	Monetary Analysis for Industrial Decisions
	MGMT 39000	Introduction to Financial Management
Accounting	**MGMT 20000**	**Introductory Accounting (Required for MGMT Minor)***
	or	
	MGMT 20010	**Introductory Accounting (for Non MGMT Students)**
	MGMT 20100	Management Accounting I
Business Law	MGMT 35400	Legal Foundations for Business I
	MGMT 45500	Legal Background for Business I
Economics	**ECON 21000**	**Principles of Economics***
	or	
	AGEC 21700	**Economics**
	ECON 25100	Microeconomics
	ECON 25200	Macroeconomics
Organizational Behavior and Human Resources	COM 32400	Introduction to Organizational Communication
	ENTR 20000	Introduction To Entrepreneurship And Innovation
	ENTR 31000	Marketing And Management For New Ventures
	EPCS	Participation as Fr, So, Jr, Sr
		Many EPICS projects require at least two semesters to earn 3 credits.
	OBHR 30000	Management of Human Resources
	OBHR 33000	Introduction to Organizational Behavior
	OLS 37500	Training Methods
	OLS 37600	Human Resource Issues
	OLS 38600	Leadership for Organizational Change
	OLS 47700	Conflict Management
	PSY 27200	Introduction to Industrial Organizational Psychology

The above selectives may be replaced by a planned alternate sequence of Business & Economics selectives, approved by the CIT faculty, which reflect a subject of interest to which computing can be applied. Proposals for special options must be submitted in writing to the Chair of the CIT Curriculum Committee, Prof. Phil Rawles, ptrawles@purdue.edu.

[1]**ECET Selective I -** ECET 21400, ECET 22400 (ECET 22400 replaces ECET 21400)

[2]**Statistics Selective=** STAT 22500, **STAT 30100**, STAT 50100, STAT 51100

[3]**Physics Selective I** = **PHYS 21800**, PHYS 22000

[4]**Physics Selective II** = **PHYS 21900**, PHYS 22100

[5] **Professional Speaking Selective =** COM 31500, COM 32000, COM 32500, COM 41500

[6] **Professional Writing Selective =** ENGL 42000, ENGL 42100

[7]**Information Systems Selective =**

CNIT 30000 level and higher courses not required as a NET selective. (NO NET courses will

fulfill the NET Information Systems Selective) CNIT 39900, 49900 and 58100 as approved by the NET faculty on a per offering basis. EPCS (per NET faculty approval: up to 3 credit hours.)

[8] NET Selective = CNIT 42000, CNIT 42100, CNIT 43500, CNIT 44500, CNIT 44600, CNIT 45600, CNIT 46000, CNIT 46100, CNIT 55600, CNIT 55700, IT 34500, IT 54500

CNIT 39900, 49900 and 58100 as approved by the NET faculty on a per offering basis.

[9] **Business & Economics Selectives: See above Business and Economics Selectives**

[10]**Communications Selective=**

COM 21000, COM 21200, COM 31400, COM 31500, COM 31800, COM 32000, COM 32400

[11]**Liberal Arts Selective =**

 ANTH: AD: BAND: CLCS: COM: ECON: EDCI: EDPS: EDST: ENGL: FLL: HIST: HONR:

 IDIS: LING: **MODERN LANGUAGES: MUS: PHIL: POL SCI: PSY: SOC: THTR:

 HDFS 20100 or HDFS 25500 (HDFS previously CDFS)

  **MODERN LANGUAGES: ARAB, CHNS, FR, GER, ITAL, JPNS, PTGS, RUSS, SPAN

Only one of the following: AGEC 21700 or ECON 21000 can be taken for credit on the CIT plan of study.

Only one of the following: MGMT 20000 or MGMT 20010 can be taken for credit on the CIT plan of study.

Students must adhere to plan of study requirements in place at the time of admission.

Selective course choices are subject to change due to availability. Current listings will be made available to students during registration.