

Phone Number \_\_\_\_\_ NAME \_\_\_\_\_

Email Address \_\_\_\_\_ ID \_\_\_\_\_

DEPARTMENT OF COMPUTER & INFORMATION TECHNOLOGY  
 NETWORK ENGINEERING TECHNOLOGY CONCENTRATION (NET) **Effective Fall 2009**

FIRST SEMESTER					SECOND SEMESTER				
COURSE REQUIREMENT	SUB/EQUIV	CR	GR	SEM	COURSE REQUIREMENT	SUB/EQUIV	CR	GR	SEM
CNIT 14100 (Internet Found, Tech & Dev)		3			CNIT 15500 (Intro to Obj-Oriented Programming)		3		
CNIT 17600 (Info Tech & Architectures)		3			COM 11400 (Fund. of Speech Communication)		3		
CNIT 18000 (Intro to Systems Dev)		3			MA 22400 (Intro Analysis II)		3		
MA 22300 (Intro Analysis I)		3			OLS 25200 (Human Relations in Organizations)		3		
ENGL 10600 (First Year Composition)		4			IT 10400 (Industrial Organization)		3		
<b>TOTAL CREDIT HOURS</b>		<b>16</b>			<b>TOTAL CREDIT HOURS</b>		<b>15</b>		

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 (Programming for the Internet)		3			CNIT 28000 (Sys Analysis & Design Methods)		3		
CNIT 27200 (Database Fundamentals)		3			ECET 23300 (Electronics & Industrial Controls)		3		
ECET 21400 (Electricity Fundamentals)		3			STAT 22500 (Intro to Probability Models)		3		
PHYS 22000 (General Physics)		4			PHYS 22100 (General Physics)		4		
<b>TOTAL CREDIT HOURS</b>		<b>16</b>			<b>TOTAL CREDIT HOURS</b>		<b>16</b>		

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 Local Area Networks)		3		
Communications Selective <sup>1</sup>		3			Professional Writing Selective <sup>3</sup>		3		
ECET 37400 (Digital Telecommunications)		4			Information Systems Selective <sup>4</sup>		3		
Professional Speaking Selective <sup>2</sup>		3			Liberal Arts Selective <sup>5</sup>		3		
<b>TOTAL CREDIT HOURS</b>		<b>16</b>			<b>TOTAL CREDIT HOURS</b>		<b>15</b>		

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 <sup>6</sup>		3			NET Selective <sup>6</sup>		3		
Information Systems Selective <sup>4</sup>		3			NET Selective <sup>6</sup>		3		
Business & Economic Selective <sup>7</sup>		3			Business & Economic Selective <sup>7</sup>		3		
Liberal Arts Selective <sup>5</sup>		3			Liberal Arts Selective <sup>5</sup>		3		
<b>TOTAL CREDIT HOURS</b>		<b>15</b>			<b>TOTAL CREDIT HOURS</b>		<b>15</b>		

Total Credit Hours: 124

- A MINIMUM GRADE OF "C" IS REQUIRED IN ALL PREREQUISITE CNIT COURSES. IF YOU EARN A "D" IN A CNIT COURSE THAT IS NOT BE 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.

**<sup>7</sup> BUSINESS AND ECONOMICS SELECTIVES (6 Credits Required): (subject to availability)  
(Select any two courses, except as indicated with "or": these courses are equivalent.)**

<u>Finance</u>	IT 45000 IET 45100 MGMT 39000	Production Cost Analysis Monetary Analysis for Industrial Decisions Introduction to Financial Management
<u>Accounting</u>	MGMT 20000 or MGMT 20000-T01 MGMT 20100	<b>Introduction to Accounting (Required for MGMT Minor)</b> <b>Introductory Accounting for Technology Students</b> Management Accounting
<u>Business Law</u>	MGMT 35400 MGMT 45500	Legal Foundations for Business I Legal Background for Business I
<u>Economics</u>	<b>ECON 21000</b> or <b>AGEC 21700</b> ECON 25100 ECON 25200	<b>Principles of Economics</b> <b>Economics</b> Microeconomics Macroeconomics
<u>Organizational Behaviour and Human Resources</u>	COM 32400 ENTR 20000 ENTR 20100 OLS 37500 OLS 37600 OLS 38600 OLS 47700 PSY 27200	Introduction to Organizational Communication Introduction to Entrepreneurship & Innovation Marketing & Management for New Ventures Training Methods Human Resource Issues Leadership for Organizational Change Conflict Management Introduction to Industrial Organizational Psychology

**<sup>1</sup> Communications Selective =**

COM 21000, COM 31400, COM 31500, COM 32000, OLS 32500

**<sup>2</sup> Professional Speaking Selective =**

COM 31500, COM 32000, COM 32500, COM 41500

**<sup>3</sup> Professional Writing Selective =**

ENGL 42000, ENGL 42100

**<sup>4</sup> Information Systems Selective =**

CNIT 29500 and 300 level and higher courses not required as a NET selective

(NO NET courses will fulfill the NET Information Systems Selective)

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

EPCS (per NET faculty approval: up to 3 credit hours)

**<sup>5</sup> Liberal Arts Selective =**

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

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

CDFS 20100, 25500:

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

**<sup>6</sup> NET Selective =**

CNIT 42000, CNIT 42100, CNIT 43500, CNIT 44500, CNIT 44600, CNIT 45600, CNIT 55600,  
IT 34500, IT 54500 (WITH FACULTY APPROVAL)

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

**<sup>7</sup> Business & Economics Selective: See above Business and Economics Selectives**

*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.*

*Students wishing to pursue an alternate sequence of selectives may seek approval by submitting*

*a complete written request to the Chair of the CIT Curriculum Committee, Professor Phil Rawles, pprawles@purdue.edu*

