

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

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

DEPARTMENT OF COMPUTER & INFORMATION TECHNOLOGY  
 NETWORK ENGINEERING TECHNOLOGY CONCENTRATION (NET) **Effective Fall 2012**

FIRST SEMESTER					SECOND SEMESTER				
COURSE REQUIREMENT	SUB/EQUIV	CR	GR	SEM	COURSE REQUIREMENT	SUB/EQUIV	CR	GR	SEM
CNIT 18000 (Intro to Systems Dev)		3			CNIT 15500 ( Intro to Software Dev Concepts)		3		
ENGL 10600 (First-Year Composition)		4			CNIT 17600 (Info Tech Architectures)		3		
IT 10400 (Industrial Organization)		3			COM 11400 (Fund of Speech Communication)		3		
MA 22300 (Intro Analysis I)		3			MA 22400 (Intro Analysis II)		3		
TECH 12000 (Technology & the Individual)		3			OLS 25200 (Human Relations in Organizations)		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 (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 <sup>1</sup> (Electronic Systems)		3			Statistics Selective <sup>2</sup> (e.g. STAT 30100)		3		
Physics Selective I <sup>3</sup> (e.g. PHYS 21800)		4			Physics Selective II <sup>4</sup> (e.g. PHYS 21900)		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 Networks)		3		
ECET 37400 (Digital Telecommunications)		3			Professional Writing Selective <sup>6</sup>		3		
Professional Speaking Selective <sup>5</sup>		3			Information Systems Selective <sup>7</sup>		3		
TECH 32000 (Technology & the Organization)		3			TECH 33000 (Technology & the Global Society)		3		
<b>TOTAL CREDIT HOURS</b>		<b>15</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>8</sup>		3			NET Selective <sup>8</sup>		3		
Information Systems Selective <sup>7</sup>		3			Business & Economic Selective <sup>9</sup>		3		
Business & Economic Selective <sup>9</sup>		3			Communications Selective <sup>10</sup>		3		
Liberal Arts Selective <sup>11</sup>		3			Liberal Arts Selective <sup>11</sup>		3		
<b>TOTAL CREDIT HOURS</b>		<b>15</b>			<b>TOTAL CREDIT HOURS</b>		<b>15</b>		

Total Credit Hours: 123

- **A MINIMUM GRADE OF "C" IS REQUIRED IN ALL PREREQUISITE 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 DEGREE REQUIREMENTS. STUDENTS NOT FULFILLING THIS POLICY MUST WITHDRAW FROM THE PROGRAM.**

<sup>9</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 30400	Production Cost Analysis Monetary Analysis for Industrial Decisions Introduction to Financial Management
<u>Accounting</u>	<b>*MGMT 20000</b> or <b>MGMT 20010</b> MGMT 20100	<b>Introductory Accounting (Required for MGMT Minor)</b> <b>Introductory Accounting for Non-MGMT Majors</b> Management Accounting I
<u>Business Law</u>	MGMT 45500	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 Behavior and Human Resources</u>	COM 32400 ENTR 20000 ENTR 31000 OBHR 30000 OLS 37500 OLS 37600 OLS 38600 OLS 47700 PSY 27200	Introduction to Organizational Communication Introduction To Entrepreneurship And Innovation Marketing And Management For New Ventures Management of Human Resources Training Methods Human Resource Issues Leadership for Organizational Change Conflict Management Introduction to Industrial Organizational Psychology

*The above selectives may be replaced by a planned alternate sequence of Business & Economics selectives which reflect a subject of interest to which computing can be applied. Proposals for special options must be submitted in writing to Professor Jeffrey Brewer jbrewer@purdue.edu.*

<sup>1</sup> **ECET Selective I** - ECET 22400 (ECET 22400 replaces ECET 21400)

<sup>2</sup> **Statistics Selective**= STAT 22500, **STAT 30100**, STAT 50100, STAT 51100

<sup>3</sup> **Physics Selective I** = **PHYS 21800**, PHYS 22000

<sup>4</sup> **Physics Selective II** = **PHYS 21900**, PHYS 22100

<sup>5</sup> **Professional Speaking Selective** = COM 31500, COM 32000, COM 32500, COM 41500

<sup>6</sup> **Professional Writing Selective** = ENGL 42000, ENGL 42100

<sup>7</sup> **Information Systems Selective** =

CNIT 30000 level and higher courses not required as a NET selective. (NO NET courses will fulfill the Information Systems Selective) CNIT 39900, 49900 and 58100 as approved by the NET faculty on a per offering basis or EPICS (EPCS): participation in EPICS requires CIT faculty approval for project content. Many EPICS projects require at least two semesters to earn 3 credits.

<sup>8</sup> **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.

<sup>9</sup> **Business & Economics Selectives:** See above Business and Economics Selectives

<sup>10</sup> **Communications Selective**=

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

<sup>11</sup> **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: MGMT 20000 or MGMT 20010 can be taken for credit on the CIT plan of study.*

*\*\*Only one of the following: AGECE 21700 or ECON 21000 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.*