KOKOMO CIT SUPPLEMENTAL INFORMATION for CYBERSECURITY MAJOR
All Pre-requisites Must be Met

1 COMPOSITION SELECTIVE
ENGL 10100 English Composition I
ENGL 10600 First Year Composition
ENGL 10800 Accelerated First Year Composition
SCLA 10100 Transformatives, Critical Thinking & Communication I
ENG W1310 Reading, Writing, & Inquiry I (IU)

2 ACCOUNTING SELECTIVE
MGMT 20000 Introductory Accounting (Required for MGMT Minor)
MGMT 20010 Business Accounting
BUS-A201

3 COMMUNICATIONS SELECTIVE
COM 21000 Debating Public Issues
COM 21200 Approaches to the Study of Interpersonal Communication
COM 30300 Intercultural Communications
COM 31400 Advanced Presentational Speaking
COM 31500 Speech Communication of Technical Information
COM 31800 Principles of Persuasion
COM 32000 Small Group Communication
COM 32400 Introduction to Organizational Communication
SPCH-C321; SPCH-C325; SPCH-C380

4 STATISTICS SELECTIVE
STAT 22500 Introduction to Probability Models
STAT 30100 Elementary Statistical Methods
STAT 50100 Experimental Statistics I
STAT 51100 Statistical Methods

5 HUMANITIES FOUNDATIONAL SELECTIVE: see http://catalog.purdue.edu/preview_program.php?catoid=7&poid=6694 [Human Cultures: Humanities (H)]
HIST-H105, HIIST-H106, HIIST-H113, HIST-H114, PHIL-P100, PHIL-P140, FINA-A101, FINA-A102, MUS-M174, SPAN-S100-400, FREN-F100-400, GER-G100-400

6 BEHAVIORAL/SOCIAL SCIENCES FOUNDATIONAL SELECTIVE: see http://catalog.purdue.edu/preview_program.php?catoid=7&poid=6694 [Human Cultures: Behavioral/Social Sciences (BS)]
ECON-E201, ECON-E202, POLS-Y103, PSY-P103, SOC-S100

7 SCIENCE SELECTIVE See approved list at: http://catalog.purdue.edu/preview_program.php?catoid=7&poid=6694 [Science (S)]

8 LAB SCIENCE SELECTIVE (must take at least 3 credits of Science Selective with a Lab Component) See: http://catalog.purdue.edu/preview_program.php?catoid=7&poid=6694 [Science (S)]. Verify the course has a lab component in myPurdue Schedule of Classes.

The following courses are typically offered with a lab component:
ASTR 26300 Descriptive Astronomy: The Solar System     EAPS 10200 Earth Science for Elementary Education     BIOL-L100
ASTR 26400 Descriptive Astronomy: Stars and Galaxies     EAPS 10900 The Dynamic Earth     BIOL-L105
BIOL 11000 Fundamentals of Biology I     EAPS 11100 Physical Geology     BIOL-L270 (3 cr)
BIOL 11100 Fundamentals of Biology II     EAPS 11200 Earth Through Time     BIOL-L370 (3 cr)
BIOL 13500 First year biology lab     EAPS 24300 Earth Materials I     CHEM-C101 + C121
BIOL 14501 First year biology lab with neuro res project     EAPS 24400 Earth Materials II     CHEM-C102 + C122
BIOL 14600 Introduction to Biology     ENTM 22810 Forensic Investigation     CHEM-C105 + C125
BIOL 20300 Human Anatomy and Physiology     ENTM 22820 Forensic Analysis     CHEM-C106 + C126
BIOL 20400 Human Anatomy and Physiology     HORT 10100 Fundamentals of Horticulture     GEOL-G100
BTNY 11000 Intro to Plant Science     PHYS 17200 Modern Mechanics     GEOL-G133
CHM 11100 General Chemistry     PHYS 21500 Physics for Elementary Education     GEOL-G400 (3 cr)
CHM 11200 General Chemistry     PHYS 21800 General Physics I     MIRC-I200 + J215
CHM 11500 General Chemistry     PHYS 21900 General Physics II     PHYS-P201
CHM 11600 General Chemistry     PHYS 22000 General Physics     PHYS-P202
CHM 12500 Introduction to Chemistry     PHYS 22100 General Physics     PHYS-P21
CHM 12600 Introduction to Chemistry II     PHYS 27200 Electric and Magnetic Interactions     PHYS-P22
CHM 12901 General Chemistry with Biology focus     SLHS 30600 Introduction to Phonetics     PLSC-B203
CHM 13600 General Chemistry Honors     ANAT-A215     ZOOL-Z315
CHM 20000 Fundamentals of chemistry     AST-A110 (3 cr)

9 INTERDISCIPLINARY SELECTIVES (6 credits)
ECET 35901 Computer Based Data Acquisition Applications
ENTM 22810 Forensic Investigation
TLI 313 Technology Innovation And Integration: Bar Codes To Biometrics
MGMT 25400 Legal Foundations of Business
MGMT 45500 Legal Background for Business I
PSY 27200 Introduction to I/O Psychology
PSY 31000 Sensory and Perceptual Processes

10 ORAL COMMUNICATIONS SELECTIVE
COM 11400 Fundamentals of Speech Communication
SCLA 10200 Transformative Texts, Critical Thinking & Communication II
SPCH-S121

11 ECONOMICS SELECTIVE
AGEC 21700 Economics or ECON 21000 Principles of Economics
ECON 25100 Microeconomics
ECON 25200 Macroeconomics
ECON E201 Introduction to Microeconomics (IU Statewide Locations)
ECON E202 Introduction to Macroeconomics (IU Statewide Locations)

12 PROFESSIONAL SPEAKING SELECTIVE
COM 31500 Speech Communication of Technical Information
COM 32000 Small Group Communication
COM 32500 Interviewing: Principles and Practice
COM 41500 Discussion of Technical Problems
SPCH-S223; SPCH-S229

13 PROFESSIONAL WRITING SELECTIVE
ENGL 42000 Business Writing
ENGL 42100 Technical Writing
ENG-W321 or ENG-W231

Last Updated Effective Fall 2019
Revised 4/5/19
12CYBERSECURITY SELECTIVES (6 credits)

- CNIT 41500 Advanced Coding Security
- CNIT 42100 Small Scale Device Digital Forensics
- CNIT 45600 Wireless Security & Management
- CNIT 51100 Foundations in Homeland Security Studies
- CNIT 51200 Managing Resources And Applications For Homeland Security
- CNIT 58100 Malware Forensics
- CNIT 58100 Workshop In Computer Technology
- CNIT 58100 Cyber Conflict & Transnational Crime
- CNIT 58100 - Social Engineering Info Tech
- CNIT 58100 - Large Event Mgmt & Plan HLS

12PROFESSIONAL IT EXPERIENCE REQUIREMENT (Complete one of the following options)

- Professional IT internship (six week minimum duration)
- 240 hours of IT employment
- 240 hours of documented volunteer IT work
- Service Learning Course (EPCS, CNIT 39000, or Equivalent) with responsibility for an IT component (3 credit hours minimum)

* A three page reflection paper on what you learned from your experience is required for all options – submit to CIT-Prof-IT@purdue.edu

12INTERCULTURAL REQUIREMENT (Complete one of the following options)

Step 1: Complete the Pre-test Intercultural Development Inventory Assessments (1st year)

Step 2: Complete one (1) of the following global experiences:

- Participate in A Purdue University international capstone, collaborative project, or
- Participate in an international internship (international location), or
- Participate in a full semester abroad program, or
- Complete 3 credit hours from the Polytechnic list of recommended Global/Cultural courses.

Step 3: Complete the Post-test Intercultural Development Inventory Assessments (4th year)

NOTE FOR TRANSFER/CODO STUDENTS: Transfer and CODO students with less than 75 credit hours remaining to completed their Polytechnic Plan of Study are exempt from Step 1 (taking the IDI Pre-test).

*Global experiences must take place during the time of enrollment in Polytechnic to complete Step 2. Experiences taken place prior to a student's initial enrollment will not serve to complete Step 2. Intercultural competencies gained on experiences prior to Polytechnic enrollment will be captured as baseline data on a student's IDI.

AAS 27100 Intro to African American Studies
AAS 37300 Variable Title: History of Injustice
AGR 20100 Communication Across Cultures
ANS 38100 Leadership for a Diverse workplace
ANTH 20300 Biological Bases of Human Social Behavior
ANTH 20500 Human cultural Diversity
ANTH 21200 Technology and Culture
ANTH 23000 Gender Across Cultures
ANTH 34000 Global Perspectives on Health
ANTH 34100 Culture and Personality
ANTH 37900 Native American Cultures
ARAB 28000 Arabic culture
ASAM 24000 Intro to Asian American Studies
AT 23300 Ethics and Aviation
COM 22400 Communicating in the Global Workplace
COM 30300 Intercultural Communication
COM 32000 Small Group Communication
COM 37300 Self-Presentation & Social Image
COM 38000 Sociolinguistic Study of African American English
COM 38000 Sociolinguistic Study of African American English
COM 41200 Theories of Human Interaction
COM 42300 Leadership, Communication & Organizations
ECET 29000 International Experience
ECET 3801 Global Professional Issues in ET
EDPS 23500 Learning and Motivation
EDPS 30000 Student Leadership Development
EDPS 30100 Peer Counselling Training
EDPS 31500 Collaborative Leadership: Listening
EDPS 31600 Collaborative Leadership: Cross-cultural Settings
EDPS 31700 Collaborative Leadership: Mentoring
ENGL 41400 Literature & Culture
HDFS 23300 Stress and Human Health
HDFS 28000 Diversity in Individual and Family Life
HDFS 33200 Stress & Coping in Contemporary Families
HEBR 38500 The Holocaust in Modern Hebrew Literature
HIST 19500 Historical Research & Film
HIST 30000 Eve of Destruction: Global Crises and World Organization in the 20th Century
HIST 33805 History of Human Rights
HIST 35000 Science and Society in the 20th-Century World

HIST 36600 Hispanic Heritage of the USA
HIST 37700 History & Culture of Native America
HIST 46900 Black Rights Movement
HIST 47900 American Representations of Middle East & North Africa
HIST 49900 History of Sexual Regulation in the United States
HTM 37000 Sustainable Tourism and Responsible Travel
HTM 37200: Global Tourism Geography
MSL 20100 Individual Leadership Studies
OLS 35000 Creativity In Business & Industry
PHIL 11400 Global Moral Issues
PHIL 43500 Philosophy of Mind
POL 22200 Women, Politics & Public Policy
POL 23500 Women, Politics & Public Policy
POL 32600 Black Political Participation in America
POL 32700 Global Green Politics
POL 36000 Women and the Law
POL 41300 The Human Basis of Politics
POL 42300 International Environmental Policy
POL 42900 Variable Title: It’s a Complex World (Cross listed with IE49000, ME29700)
POL 43300 International Organization
PSY 25000 Psychology of Adjustment
PSY 25100 Health Psychology
PSY 28500 Consumer Behavior
PSY 32200 Research Design
SOC 10000 Intro to Sociology
SOC 31000 Racial and Ethnic Diversity
SOC 33900 Introduction to Sociology of Developing Nations
TECH 33000 Technology and the Global Society
WGSS 28200 Intro to LGBT Studies
WGSS 38000 Gender and Multiculturalism
WGSS 38300 Women and Work
Any foreign language 200 or higher (201, 202, 301, 302, 401, 402)

Psy-P103 General Psychology
SOC-S100 Introduction to Sociology
SPCH-S229 Discussion and Group Methods
SPCH-S223 Business and Professional Communication
CNIT 32000 Policy, Regulation, and Globalization in Information Technology
TLJ 11200 Foundations of Tech. Leadership

Effective Fall 2019
Revised 4/5/19
### Kokomo Department of Computer and Information Technology (CIT)
#### PICIT-BS CSEC Cybersecurity Major

**Effective Fall 2019**

#### Phone Number __________________________  Name __________________________  ID __________________________

#### Email Address __________________________

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<td>CNIT 18000 (Intro to Systems Development)</td>
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<td>CNIT 15501 (Intro to SW Dev Concepts)</td>
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<td>MA 16020 (Applied Calculus II)* Pre-req: MA 16010 with minimum grade of C-</td>
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<td>CNIT 25501 (Object-Oriented Programming) Pre-req: CNIT 15500 or 15501</td>
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<td>CNIT 32000 (Policy, Regulation, and Globalization in IT) Pre-req: TECH 12000</td>
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<td>CNIT 34220 (Network Administration) Pre-req: CNIT 34000 or CNIT 34010</td>
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<td>CNIT 34400 (Network Engr Fundamentals) Pre-req: CNIT 24200 &amp; 27000</td>
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<td>CNIT 42000 (Basic Cyber Forensics) Pre-req: Classification 4+ in CIT</td>
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<td>CNIT 42200 (Cyber Criminology) Pre-Req: CNIT 32200</td>
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<td>CNIT 47100 (Vulnerability Analysis &amp; Testing) Pre-req: CNIT 37000 &amp; CNIT 45500</td>
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| CO-CURRICULAR REQUIREMENTS | | | | |
| Professional IT Experience Requirement17 | 0 | | | |
| Intercultural Requirement18 | 0 | | | |

*Fulfills University Core
1) Students must earn a C- or better in all CNIT courses that are a prerequisite to another CNIT course
2) 120 semester credits listed above are required for the CIT Bachelor of Science degree
3) 2.0 Graduation GPA and GPA in all CNIT courses required for Bachelor of Science degree
4) ANY COURSE TAKEN AT PURDUE CAN BE ATTEMPTED NO MORE THAN THREE TIMES (INCLUSIVE OF W, WF, WN, I, and IF)
5) Courses in BOLD are essential for the CIT degree critical path to graduation

SEE REVERSE FOR CIT SUPPLEMENTAL INFORMATION

**Effective Fall 2019**  Revised 4/5/19

120 Total