"C-" or better required in all CNIT courses that are a prerequisite to CNIT course

**Departmental/Program Major Courses (122 credits)**

**Computer and Information Technology Major Courses (45 credits)**

- [ ] CNIT 15501 Introduction to Software Development Concepts
- [ ] CNIT 17600 Information Technology Architectures
- [ ] CNIT 18000 Introduction to Systems Development (Gateway to CIT)
- [ ] CNIT 24000 Data Communications and Networking
- [ ] CNIT 24200 System Administration
- [ ] CNIT 25501 Object-Oriented Programming Introduction
- [ ] CNIT 27200 Database Fundamentals
- [ ] CNIT 28000 Systems Analysis and Design Methods
- [ ] CNIT 31500 Systems Programming
- [ ] CNIT 34000 UNIX Administration
- [ ] CNIT 34200 Advanced System and Network Administration
- [ ] CNIT 34600 Wireless Local Area Networks
- [ ] CNIT 48000 Managing Information Technology Projects
- [ ] Information Systems Selectives (any other CNIT or CGT 30000 level or higher courses, EPCS (3 credits) approved by CIT faculty)

**Major Cognate Requirements (6 credits)**

- [ ] CNIT 34500 Internetwork Design And Implementation and CNIT 45500 Enterprise Application Development: (Required for NET concentration)

**Other Departmental/Program Course Requirements (71 credits)**

- [ ] ENGL 10600 English First Year Composition or ENGL 10800 Accelerated First-Year Composition (satisfies Written Communication for core)
- [ ] COM 11400 Fundamentals of Speech Communication (satisfies Oral Communication for core)
- [ ] TECH 12000 Design Thinking In Technology (satisfies Information Literacy Selective for core)
- [ ] MA 16010 Applied Calculus I (Quantitative Reasoning Selective for core)
- [ ] MA 16020 Applied Calculus II (Quantitative Reasoning Selective for core)
- [ ] OLS 25200 Human Relations in Organizations
- [ ] Communications Selective (COM 12000, COM 12400, COM 31400, COM 31500, COM 31800, COM 32000, COM 32400)
- [ ] Economics Selective ([AGEC 21700 or ECON 21000], ECON 25100, ECON 25200)
- [ ] PHYS 21800 or PHYS 22000 (satisfies Science Selective for core)
- [ ] PHYS 21900 or PHYS 22100 (satisfies Science Selective for core)
- [ ] Accounting Selective MGMT 20000 (Required for MGMT Minor), MGMT 20010
- [ ] Statistics Selective (STAT 22500, STAT 30100, STAT 50100, STAT 51100)
- [ ] Professional Speaking Selective (COM 31500, COM 32000, COM 32500, COM 41500)
- [ ] Professional Writing Selective (ENGL 42000, ENGL 42100)
- [ ] Global and Professional Issues Selective (CNIT 32000)
- [ ] Interdisciplinary Selective (see supplemental information)
- [ ] General Business Selective (IT 10400)
- [ ] Interdisciplinary Selective (ECET 22400)
- [ ] Interdisciplinary Selective (ECET 37400)
- [ ] Humanities Selective (satisfies Human Cultures Humanities for core). See approved list at: [http://www.purdue.edu/provost/initiatives/curriculum/course.html](http://www.purdue.edu/provost/initiatives/curriculum/course.html)
- [ ] Behavioral/Social Science Foundational Selective (satisfies Human Culture Behavioral/Social Science for core). See approved list at: [http://www.purdue.edu/provost/initiatives/curriculum/course.html](http://www.purdue.edu/provost/initiatives/curriculum/course.html)

**University Core Requirements**

<table>
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<tr>
<th>Human Cultures Humanities</th>
<th>UCC Selective</th>
<th>Science, Technology &amp; Society Selective</th>
<th>TECH 12000</th>
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<td>Human Cultures Behavioral/Social Science</td>
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The student is ultimately responsible for knowing and completing all degree requirements. myPurduePlan is knowledge source for specific requirements and completion.
**FIRST SEMESTER**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Equivalent</th>
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<th>Grade</th>
<th>Semester</th>
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<td>ENGL 10600 or ENGL 10800* (First Year Composition or Accelerated First Year Composition)</td>
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**SECOND SEMESTER**

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<th>Semester</th>
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<td>CNIT 15501 (Intro to Software Development Concepts)</td>
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<td>CNIT 17600 (Info Tech Architectures)</td>
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<td>COM 11400 (Fund of Speech Communication)*</td>
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**THIRD SEMESTER**

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<td>CNIT 24000 (Data Communications &amp; Networking)</td>
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**FOURTH SEMESTER**

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<td>CNIT 28000 (Systems Analysis &amp; Design Methods)</td>
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<td>ECET 22400 (Electronic Systems)</td>
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**FIFTH SEMESTER**

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<td>Economics Selective</td>
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**SIXTH SEMESTER**

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<td>Global and Professional Issues Selective</td>
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**SEVENTH SEMESTER**

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<td>CNIT 31500 (Systems Programming)</td>
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<td>Humanities Foundational Selective*</td>
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**EIGHTH SEMESTER**

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1) Students must earn a C- or better in all CNIT courses that are a prerequisite to CNIT courses.
2) 122 semester credits listed above are required for the CIT Bachelor of Science degree with a NET concentration.
3) 2.0 Graduation GPA required for Bachelor of Science degree.
4) 2.0 Graduation GPA in all CNIT courses required for Bachelor of Science degree.
5) CNIT COURSES MAY BE TAKEN NO MORE THAN THREE TIMES (INCLUSIVE OF W, WF, WN and I GRADES): STUDENTS NOT FULFILLING THIS POLICY MUST WITHDRAW FROM THE PROGRAM.
6) ANY COURSE TAKEN AT PURDUE CAN BE ATTEMPTED NO MORE THAN THREE TIMES (INCLUSIVE OF W, WF, WN, I and IF).

The student is ultimately responsible for knowing and completing all degree requirements.

myPurduePlan is knowledge source for specific requirements and completion.
CIT SUPPLEMENTAL INFORMATION for NET CONCENTRATION

All prerequisites Must Be Met

1 COMMUNICATIONS SELECTIVE
COM 21000 Debating Public Issues
COM 21200 Approaches to the Study of Interpersonal Communication
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

2 ECONOMICS SELECTIVE
AGEC 21700 Economics or ECON 21000 Principles of Economics, ECON 25100 Microeconomics, ECON 25200 Macroeconomics

3 ACCOUNTING SELECTIVE
MGMT 20000 Introductory Accounting (Required for MGMT Minor)
MGMT 20010 Business Accounting

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

5 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

6 Interdisciplinary Selectives (8 credits REMAINING)
Any University recognized minor with at least 8 credits will fulfill this requirement. Several minors have courses that will fulfill both CIT degree requirements and the minor. http://www.purdue.edu/advisors/courses_majors/minors.html

COM 32400 Introduction to Organizational Communication
ENTR 20000 Introduction to Entrepreneurship and Innovation
ENTR 31000 Marketing and Management for New Ventures
IET 45100 Monetary Analysis for Industrial Decisions
IT 34200 Introduction to Statistical Quality
IT 34500 Automatic Identification and Data Capture
IT 45000 Production Cost Analysis
MET 45100 Manufacturing Quality Control
MFET 24300 Automated Manufacturing I
MFET 40000 Computer Integrated Manufacturing
MFET 45100 Manufacturing Quality Control
MGMT 20100 Management Accounting I
MGMT 30400 Introduction to Financial Management
MGMT 20000 Introductory Accounting (Required for MGMT Minor)
MGMT 30400 Introduction to Financial Management
MGMT 30400 Introduction to Financial Management
MGMT 44300 Management of Human Resources
MGMT 45500 Legal Background for Business I
OLS 37500 Training Methods
OLS 37600 Human Resource Issues
OLS 38600 Leadership for Organizational Change & Innovation
OLS 47700 Conflict Management
OLS 48400 Leadership Strategies for Quality and Productivity
PSY 27200 Introduction to Industrial Organizational Psychology

7 INFORMATION SYSTEMS SELECTIVE
Any non-required 30000 level or higher CNIT course or EPICS (EPCS): participation in EPICS requires CIT faculty approval; CGT courses 30000 level or higher

8 PROFESSIONAL WRITING SELECTIVE
ENGL 42000 Business Writing or ENGL 42100 Technical Writing

9 GLOBAL AND PROFESSIONAL ISSUES SELECTIVE
CNIT 32000 Policy, Regulation, and Globalization in IT

10 HUMANITIES FOUNDATIONAL SELECTIVE: see http://www.purdue.edu/provost/initiatives/curriculum/course.html
11 BEHAVIORAL/SOCIAL SCIENCES FOUNDATIONAL SELECTIVE: see http://www.purdue.edu/provost/initiatives/curriculum/course.html