

**PURDUE UNIVERSITY NORTH CENTRAL**  
*Electrical & Computer Engineering Technology*

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**C&IT COURSES RELEVANT TO ECET MAJORS**

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**Introduction.**

Numerous baccalaureate students from ECET and other majors have indicated that they would like to take some C&IT courses as part of their bachelor's degree studies. In answer to this expressed need, the Computer & Information Technology (C&IT) Department has designed a series of courses that non-C&IT majors may take. Some courses are stand-alone, while others must be taken in sequence. This handout lists the courses that non-C&IT majors may find interesting and useful. For complete course descriptions, please refer to the PNC General Catalog 2006-2008, available on-line at:

[www.pnc.edu/catalog/coursedescriptions.html#citcourses](http://www.pnc.edu/catalog/coursedescriptions.html#citcourses)

**Stand-Alone Courses.** *(May be used only as Technical Electives.)*

- NOTES.**
- These courses may be taken in any order.
  - Only C&IT 141 may be used for credit toward a C&IT degree.
  - All of these courses - - except for C&IT 141 - - were designed for non-C&IT majors. Therefore, they will not be as rigorous as the courses which comprise the C&IT major.
  - You can not receive credit for both C&IT 126 (less rigorous) and 141 (more rigorous).
  - The prerequisites for all of these courses is familiarity with computers, Microsoft Windows and the Internet. If you do not have this level of expertise, you should take C&IT 107 (Computer Literacy) first.

**C&IT 121 Microcomputer Database Applications** (Uses Microsoft Access)

**C&IT 126 Website Development and Internet Technologies** (Uses MS FrontPage & Dreamweaver)

**C&IT 127 Microcomputer Spreadsheet Applications** (Uses Microsoft Excel)

**C&IT 128 Advanced Word Processing** (Uses Microsoft Word)

**C&IT 141 Internet Foundations, Technologies and Development** (Uses MS FrontPage & HTML)

**C&IT 175 Visual Programming** (Visual-Basic programming for non-C&IT majors)

**Sequenced Courses.** *(May be used as ECET Electives or Technical Electives.)*

- NOTES.**
- If used as ECET Electives, the following formula is used:
    - Two C&IT courses (6 credits) replace one ECET Elective (4 credits).
    - Three C&IT courses (9 credits) replace two ECET Electives (8 credits).
  - These courses must be taken in order shown.
  - These courses are also taken by C&IT majors, so the pace will be intensive.
  - Prerequisites are shown in parentheses ( ).

**(1) C&IT 176 Information Technology Architectures** (No prerequisites)

**(2) C&IT 276 Systems Software and Networking** (C&IT 176)

**(3) C&IT 330 Local Area Networking & Systems Administration** (C&IT 276, PHYS 220, MA 223)

**(4) and (5)** (Take either one or both of the following courses in either order.)

**C&IT 304 Operating Systems** (C&IT 276)

**C&IT 343 Advanced Systems and Network Administration** (C&IT 330)