

COMPUTER & INFORMATION TECHNOLOGY DEPARTMENT

Certificate in Computer & Information Technology

30 Total Credits Required

PNC offers a certificate in Computer & Information Technology (CIT) for those who have earned an associate or bachelor degree and who wish to develop skills in computer and information technology applications. Degreed students who have established credit in a mathematics course equivalent to MA 154 and who have not received a degree in CIT, CPT, CIS, or C S may take advantage of this program.

This certificate program teaches the practical application of information technology. It is assumed that the student is already PC literate, knows file management techniques using the Windows operating system, and has basic skills in the use of Microsoft Word, Excel, and PowerPoint. Those who don't must take Computer Literacy (C&IT 107) before taking any C&IT courses.

The certificate requires 30 credits of course work. Credit may be given for prior course work, but a minimum of 21 credits must come from a Purdue University campus. Students wishing to earn this certificate must meet CIT admission requirements.

C&IT Core Courses (27 credits)

<u>Credit Hours</u>	<u>Course Number</u>	<u>Course Title</u>	<u>Grade</u>
3	C&IT 141	Internet Foundations, Technologies, and Development	_____
3	C&IT 155	Introduction to Object-Oriented Programming	_____
3	C&IT 176	Information Technology Architectures	_____
3	C&IT 180	Introduction to Systems Development	_____
3	C&IT 255	Programming for the Internet	_____
3	C&IT 272	Database Fundamentals	_____
3	C&IT 276	Systems Software and Networking	_____
3	C&IT 280	Systems Analysis and Design Methods	_____
3	C&IT 295	Object-Oriented Programming	_____

Selective (3 credits)

Choose one course from any of the following disciplines, as approved by your advisor:
 C&IT, CIMT, C S, ECET, IET, MA, MET, or OLS.

Progression Requirements

Due to prerequisites, C&IT courses must be taken in the appropriate sequence. A student must earn a "C" or higher in a prerequisite C&IT course to move on to the next C&IT course in the sequence. Also, a minimum grade point average of 2.00 calculated for all C&IT courses is required to receive a certificate in Computer & Information Technology. A student may only repeat a C&IT course a maximum of two times, including withdrawals. The Pass/No Pass option cannot be used with courses in this certificate program.