

Computer & Information Technology Degree

Associate Degree Requirements (61 cr. hrs.)

FIRST SEMESTER					SECOND SEMESTER				
REQUIRED COURSES	SUB/EQUIV	CR	GR	SEM	REQUIRED COURSES	SUB/EQUIV	CR	GR	SEM
CNIT10100 - Orientation to CNIT		1			CNIT14100 - Internet Foun,Tech,& Dev		3		
CNIT17600 - Info Tech Architectures		3			CNIT15500 - Intro to Obj-Oriented Prog		3		
CNIT18000 - Intro to Systems Dev		3			MA 15400 - Algebra & Trigonometry II		3		
MA 15300 - Algebra & Trigonometry I		3			ENGL 10200 - English Comp II		3		
ENGL 10100 - English Comp I		3			General Business Selective ¹		3		
CNIT19000 - CNIT Problem Solving	CNIT29900	3							
TOTAL CREDIT HOURS		16			TOTAL CREDIT HOURS		15		

THIRD SEMESTER					FOURTH SEMESTER				
REQUIRED COURSES	SUB/EQUIV	CR	GR	SEM	REQUIRED COURSES	SUB/EQUIV	CR	GR	SEM
CNIT25500 - Prog for the Internet		3			CNIT27600 - Sys Soft & Networking		3		
CNIT27200 - Database Fundamentals		3			CNIT28000 - Sys Analy & Design Mth		3		
OLS 25200 - Human Behavior in Org		3			Speech Communication Selective ⁴		3		
COM 11400 - Fund of Speech Comm		3			MGMT 20000 - Introductory Accounting		3		
Economics Selective ³		3			Statistics Selective ⁵		3		
TOTAL CREDIT HOURS		15			TOTAL CREDIT HOURS		15		

Bachelor Degree Requirements (121 cr. hrs.)

FIFTH SEMESTER					SIXTH SEMESTER				
REQUIRED COURSES	SUB/EQUIV	CR	GR	SEM	REQUIRED COURSES	SUB/EQUIV	CR	GR	SEM
CNIT30400 - Operating Systems		3			CNIT33000 - LAN & Systems Admin		3		
CNIT37200 - Database Programming		3			CNIT35000 - Object-Oriented Prog.		3		
Free Elective ⁷		3			Liberal Arts Selective ¹⁰		3		
Liberal Arts Selective ¹⁰		3			Professional Writing Selective ¹¹		3		
Interdisciplinary Selective ⁹		3			Interdisciplinary Selective ⁹		3		
TOTAL CREDIT HOURS		15			TOTAL CREDIT HOURS		15		

SEVENTH SEMESTER					EIGHTH SEMESTER				
REQUIRED COURSES	SUB/EQUIV	CR	GR	SEM	REQUIRED COURSES	SUB/EQUIV	CR	GR	SEM
CNIT48000 - Managing Info Tech Projs		3			CNIT48500 - Topics in Info Sys & Tech		3		
CNIT34300 - Adv Sys & Network Admin		3			Information Systems Selective ⁶		3		
Information Systems Selective ⁶		3			Information Systems Selective ⁶		3		
Interdisciplinary Selective ⁹		3			Liberal Arts Selective ¹⁰		3		
Interdisciplinary Selective ⁹		3			Interdisciplinary Selective ⁹		3		
TOTAL CREDIT HOURS		15			TOTAL CREDIT HOURS		15		

Note: a minimum grade of "C-" is required in a prerequisite CNIT course before moving on to its postrequisite course(s).

Also, a minimum GPA of 2.00 calculated for all CNIT courses is required to graduate with any CIT degree.

Students may only repeat a CNIT course for a maximum of two times, including withdrawals.

(Course selectives are listed on the back of this sheet.)

Selectives: (Some courses may not be offered each semester. Ivy Tech substitutions are red and in parentheses.)

¹GBG 12700, IET 10400 (Note: before choosing this selective, review the prerequisites for the Interdisciplinary Selectives below.)

²Reserved for future use

³ECON 21000, ECON 25100, ECON 25200 (Note: before choosing this selective, review the prerequisites for the Interdisciplinary Selectives below.)

⁴COM 31400, COM 31500, COM 32000, COM 41500, COM 49100 (Business Communication Only)

⁵STAT 21300, STAT 22500, STAT 30100 (Note: before choosing this selective, review the prerequisites for the Interdisciplinary Selectives below.)

⁶CNIT36100 - Software Redesign Using COBOL, CNIT38400 - Reqs Discovery & Modeling, CNIT47500 - Electronic Commerce and Business Implementation, CNIT48100 - Information Systems Management, CNIT49900 - Open Source Technologies, CNIT49900 - ERP Technologies, or other 30000 or above CNIT courses as approved by the CIT Department

⁷A free elective can be any course, except CNIT courses for non-majors or those considered to be remedial for CIT.

⁸Reserved for future use

⁹Students must choose one selective in each of the five Interdisciplinary Areas below. Neither a selective nor its substitute (*sub:*) can be used for more than one Interdisciplinary Area. **NOTE:** Instead of choosing five interdisciplinary selectives a student may substitute up to six courses from any approved, non-CIT minor. If the minor has fewer than five courses, one selective must be chosen from enough Interdisciplinary Areas to bring the total number of minor courses plus Interdisciplinary Selectives to five.

<i>Interdisciplinary Area</i>	<i>Interdisciplinary Selectives</i>	<i>Prerequisites</i>
Business Law	GBG 25900 - Law and Society GBG 26000 - Business Law OLS 36800 - Personnel Law	None GBG 12700 None
Finance	IET 45100 - Monetary Analysis for Industrial Decisions MGMT 20100 - Managerial Accounting	IET 10400+MA 15300 MGMT 20000 or equivalent
Manufacturing	MFET 24300 - Automated Manufacturing I IET 22400 - Production Planning and Control IET 26800 - Facilities Planning IET 35200 - Operations Management MET 45100 - Manufacturing Quality Control	MA 15400+(STAT 21300 or 30100) IET 10400+MA 15400 IET 10400 None MA 15400+(STAT 21300 or 30100)
Organiz Behavior & Human Res	COM 32400 - Introduction to Organizational Communication OLS 37500 - Training Methods OLS 37600 - Human Resources Issues OLS 38600 - Leadership for Organizational Change OLS 38800 - Leadership through Teams PSY 37200 - Introduction to Industrial/Organizational Psychology	COM 11400 OLS 25200 OLS 25200 OLS 25200+OLS 27400 OLS 25200+OLS 27400 PSY 12000
Quality Control	IET 36400 - Total Quality Management (<i>sub:</i> OLS 48400) MET 45100 - Manufacturing Quality Control OLS 48400 - Leadership Strategies for Quality & Prod (<i>sub:</i> IET 36400)	IET 10400 MA 15400+(STAT 21300 or 30100) OLS 37600 or Consent

¹⁰Select courses from these departments only: ANTH, A&D, CDFS, COM, ECON, ENGL, Modern Languages (beyond Level I), HIST, IDIS, MUS, PHIL, POL, PSY, SOC, SWRK, THTR.

¹¹ENGL 42000, ENGL 42100