

Associate Degree Requirements - Applies to all Bachelors Degree options

FIRST SEMESTER					SECOND SEMESTER				
COURSE REQUIREMENT	SUB/EQUIV	CR	GR	SEM	COURSE REQUIREMENT	SUB/EQUIV	CR	GR	SEM
CPT 172 - Intro to Appl Dev		3			CPT 155 - Intro to Comp Prog		3		
CPT 176 - Info Tech & Archts		3			CPT 165 - Internet Foun & Tech		3		
MA 223 - Intro Analy I (Calculus I)		3			MA 224 - Intro Analy II (Calculus II) ^a		3		
ENGL 101 - English Comp I		3			ENGL 102 - English Comp II		3		
General Business Selective ¹		3			OLS 252 - Human Rel in Supv		3		
TOTAL CREDIT HOURS					TOTAL CREDIT HOURS				

THIRD SEMESTER					FOURTH SEMESTER				
COURSE REQUIREMENT	SUB/EQUIV	CR	GR	SEM	COURSE REQUIREMENT	SUB/EQUIV	CR	GR	SEM
CPT 255 - Prog for the Internet		3			CPT 272 - Database Fundament		3		
CPT 276 - Sys Soft & Networking ^b		4			CPT 280 - Sys Analy & Design Mth		3		
Problem Solving Selective ^{2,c}		3			Statistics Selective ^{4,e}		3		
Economics Selective ^{3,d}		3			Accounting Selective ^{5,f}		3		
COM 114 - Fund of Speech Comm		3			Communications Selective ⁶		3		
TOTAL CREDIT HOURS					TOTAL CREDIT HOURS				

Bachelors Degree Requirements - Systems Integration Option

FIFTH SEMESTER					SIXTH SEMESTER				
COURSE REQUIREMENT	SUB/EQUIV	CR	GR	SEM	COURSE REQUIREMENT	SUB/EQUIV	CR	GR	SEM
CPT 350 - Object-Oriented Prog		3			CPT 372 - Database Development		3		
CPT 380 - Reqs Discovery & Modeling		3			CPT 385 - Advanced Design Technqs		3		
Free Elective ⁷		3			CPT 310 - Career Planning Seminar		1		
Profession Speaking Selective ⁸		3			Professional Writing Selective ¹⁰		3		
Interdisciplinary Selective ⁹		3			Interdisciplinary Selective ⁹		3		
TOTAL CREDIT HOURS					TOTAL CREDIT HOURS				

SEVENTH SEMESTER					EIGHTH SEMESTER				
COURSE REQUIREMENT	SUB/EQUIV	CR	GR	SEM	COURSE REQUIREMENT	SUB/EQUIV	CR	GR	SEM
Systems Integration Selective ¹²		3			CPT 480 - Managing Info Tech Projs		3		
Technology Selective ¹³		3			Technology Selective ¹³		3		
Liberal Arts Elective ¹¹		3			Liberal Arts Elective ¹¹		3		
Interdisciplinary Selective ⁹		3			Interdisciplinary Selective ⁹		3		
Interdisciplinary Selective ⁹		3			Interdisciplinary Selective ⁹		3		
TOTAL CREDIT HOURS					TOTAL CREDIT HOURS				

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

*** Only those courses shown below in bold are offered at the North Central campus. However, they may not be offered each semester. ***

¹**IET 104**, IT 104, BUS W100, BUS X100

²**CHEM 111**, **CHEM 115**, **PHYS 152**, **PHYS 220**, PHIL 120, PHIL 150, PHYS 218, CHEM C101, PHIL P150, PHIL P162

³**ECON 210**, **ECON 251**, **ECON 252**, AGECE 217, ECON E103, ECON E104, ECON E201, ECON E202

⁴**STAT 225**, **STAT 301**, STAT 433, STAT 501, STAT 511, ECON E270, MA K310, STAT K310

⁵**MGMT 200**, MGMT 190, BUS A201

⁶**COM 314**, **COM 315**, **COM 320**, **COM 415**, **COM 491**, COM 210, SPCH C281, SPCH S122, SPCH S223, SPCH S229

^aStudents pursuing any B.S. degree in Computer Technology must take **MA 224**. Terminal A.S. degree students may use a free elective here.

^bStudents pursuing a B.S. degree in Computer Technology with the Telecommunications Option must take CPT 230 instead of **CPT 276**. All other B.S. degree options require **CPT 276**. Terminal A.S. degree students may use either **CPT 276** or CPT 230.

^{c,d,e,f}Students pursuing a B.S. degree in Computer Technology with the Telecommunications Option must take all of the following courses in place of those courses with the designated letters: (**PHYS 220** or PHYS 218)^c, **EET 214**^d, (**PHYS 221** or PHYS 219)^e, and EET 233^f. All other B.S. degree options and terminal A.S. degree students may use any of these courses in place of their corresponding course.

*** Note: a minimum grade of "C" is required in a prerequisite CPT course before moving on to its postrequisite course(s). ***
 *** Only those courses shown below in bold are offered at the North Central campus. However, they may not be offered each semester. ***

⁷With the exception of remedial courses any course may fulfill this free elective requirement.

⁸**COM 315, COM 320, COM 325, COM 415, OLS 474, COM C223, COM C380**

⁹Students must select one course from each of the following interdisciplinary areas. Students can petition for alternate sequences through the CPT Appropriate Curriculum Committee. The course sequence must represent a problem area to which computing can be applied.

Interdisciplinary area	Selective Courses	Substitutions
Business Law	MGMT 354 - Legal Foundation for Business I	
	MGMT 455 - Legal Background for Business I	
	BUS A202 - Commercial Law	
Finance	IT 450 - Production Cost Analysis	
	IT 451 - Monetary Analysis for Industrial Decisions	
	MGMT 201 - Managerial Accounting	
	MGMT 310 - Principles of Finance	
	BUS A202 - Introduction to Managerial Accounting	
Manufacturing	CIMT 243 - Automated Manufacturing I	
	IE 477 - Work Methods and Measurements	
	MET 451 - Manufacturing Quality Control	
	CIMT 400 - Computer-Integrated Manufacturing	
	IT 345 - Automatic Identification and Data Capture	
Marketing	MGMT 323 - Introduction to Marketing Analysis	
	MGMT 324 - Marketing Management	
Organiz Behavior & Human Res	COM 324 - Introduction to Organizational Communication	
	OLS 375 - Organizational Behavior	
	OLS 376 - Human Resources Issues	
	OLS 477 - Conflict Management	
	OLS 486 - Management of Change	
	PSY 372 - Introduction to Industrial Organization Psychology	
	OLS 351 - Innovation and Entrepreneurship	
OBHR 300 - Management of Human Resources		
Quality Control	MET 451 - Manufacturing Quality Control	
	OLS 484 - Leadership Strategies for Quality & Productivity	
	CIMT 451 - Manufacturing Quality Control	
	IT 342 - Introduction to Statistical Quality	

¹⁰**ENGL 420, ENGL 421, ENGL 424, TCM 220, ENGL W231, ENGL W321, ENGL W350, BUS X204**

¹¹Courses must be selected from the following departments: Anthropology, **Art & Design**, Classics, **Communication, Economics, Education, English, History, Interdisciplinary Studies, Modern Languages, Music, Philosophy, Political Science, Psychology, Sociology, Theater**, and the following courses in **Child Development and Family Studies: 211, 255, 432, 201 (2 credits), 301 (2 credits), or 430.**

¹²**CPT 499R - Enterprise Resource Planning Applications**, CPT 499 - IT Procurement,
 TECH 552 - Information Technology Project and Process Management, TECH 581B - Business Process Redesign

¹³**CPT 361 - Software Redesign Using COBOL, CPT 392 - Database Design and Implementation, CPT 499E - Electronic Commerce and Business Implementation**, CGT 256 - Human Computer Interface Theory and Design,
 CPT 450 - Enterprise Application Development, CPT 488 - Data Warehousing, IT 345 - Automatic Identification and Data Capture