

Cincinnati State Technical and Community College

Computer Programming and Database Management--Computer Information Systems

AAS

REQUIRED COURSES:	Semester Hours
Semester One	
ENG 101 English Composition 1	3
MAT XXX Math Elective	3
IT 100 Foundations of Software Development	3
FYE 1XX First Year Experience Elective	1
XXX XXX Arts/Humanities Elective	3
Semester Two	
IT 101 .NET Programming 1	3
IT 111 Database Design and SQL	3
XXX XXXX CIS Major Course Elective 1	3
CPDM 210 System Analysis and Design	3
Semester Three	
IT 102 .NET Programming	3
XXX-XXXX CIS Major Course Elective 2	3
XXX XXXX Technical Concentration 1	3
XXX-XXXX CIS Major Course Elective 3	3
XXX-XXXX Technical Elective Track 1	3
Semester Four	
CPDM- XXX Experiential Learning Elective 1	2
XXX XXXX Technical Concentration 2	3
Semester Five	
XXX-XXXX CIS Major Course Elective 4	3
XXX-XXXX Technical Concentration 3	3
XXX-XXXX Technical Elective Track 2	4
ECO XXX Economics Elective	3
ENG 10X English Composition Elective	3
Semester Six	
CPDM-XXX Experiential Learning Elective 2	2
CPDM-290 CDPM Capstone	3
ELECTIVES - Choose 1 Concentration Track and 1 Elective Track (15 credits combined)	
TECHNICAL CONCENTRATION TRACK- 9 CREDIT HOURS	
C Programmer Concentration	
SET 151 C Programming	3
SET 252 C++ Programming	3

SET 253 C# Programming	3
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JAVA Programming Concentration

IT 161 Java Programming 1	3
IT 162 Java Programming 2	3
IT 262 Java Programming 3	3

Web Programming Concentration

IT 117 Web Application Programming 1	3
IT 118 Web Application Programming 2	3
IT 218 Web Application Programming 3	3

ELECTIVE TECHNICAL TRACKS - 6 CREDIT HOURS

JAVA Programming TRACK

IT 161 Java Programming 1	3
IT 162 Java Programming 2	3

C++ Programming Track

SET 151 C Programming	3
SET 252 C Programming 2	3

C# .NET Programming Track

SET 253 C# Programming 1	3
SET 254 C# Programming 2	3

Mobile Application Track

CPDM 230 Mobile Applications 1	3
CTDM 240 Mobile Applications 2	3

Computer Networking Track

NETC 121 Network Communications 1	3
NETC 122 Network Communications 2	3

WEB Programming Track

IT 117 Web Application Development 1	3
IT 118 Web Application Development 2	3

REQUIRED EXPERIENTIAL TRACK - 4 CREDIT HOURS

COMPANY-BASED CO-OP

CPDM 190	1
CPDM 251	2
CPDM 252	2

PROJECT-BASED LEARNING

CPDM 296	2
CPDM 297	2

(BUSINESS ELECTIVES (Take 4 of the following))

MGT 101 Principals of Management	3
FIN 150 Business Finance	3
ACC 101 Financial Accounting	3
ACC 102 Managerial Accounting	3
LAW 101 Business Law	3

PATHWAY TAB INFORMATION

Course Name	Postsecondary Institution	Credit Type	Hours
IT 100 Foundations of Software Development	Cincinnati State Technical and Community College	CTAG	3
IT 101. NET Programming 1	Cincinnati State Technical and Community College	CTAG	3
SET 252 C Programming 1	Cincinnati State Technical and Community College	CTAG	3