

# Computer Programming and Database Management (CPDM)

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The Computer Programming and Database Management degree program prepares students to design, program, and administer e-business and e-commerce systems on the internet, using state-of-the-art programming languages and database technologies.

All of the CPDM courses are available online using a series of short internet-based videos. This advanced online course delivery system provides students with flexibility in completing their degree requirements. Many students continue their studies for a bachelor's degree via additional online education.

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All degree-seeking students must complete a First Year Experience (FYE) course as part of the first 12 credit hours taken at Cincinnati State.

<b>Semester 1</b>		<b>Credits</b>
ENG 101	English Composition	3
IT 101	.NET Programming 1	3
IT 105	Information Technology Concepts	3
IT 110	HTML with CSS and JavaScript	4
IT 111	Database Design and SQL 1	4
<b>Semester 2</b>		
IT 112	Database Design and SQL 2	4
IT 140	PHP and MySQL	4
CPDM 145	Data Reporting	4
CPDM 151	ASP.NET C# 1	4
CPDM 190	Cooperative Education Preparation: Computer Programming and Database Management	1
<b>Semester 3</b>		
CPDM 191	Part-Time Cooperative Education 1: Computer Programming and Database Management	1
<b>Semester 4</b>		
ENG 10X English Composition Elective		3
MAT 130	Intermediate Algebra for Statistics	4
CPDM 152	ASP.NET C# 2	4
CPDM 192	Part-Time Cooperative Education 2: Computer Programming and Database Management	1
XXX XXX Humanities Elective		3
<b>Semester 5</b>		
CPDM 193	Part-Time Cooperative Education 3: Computer Programming and Database Management	1
COMM 1XX Communication Elective		3
CPDM 290	Computer Programming and Database Management Capstone Design Project	4
XXX XXX Social Sciences Elective		3
Total Credits:		61

## Electives

### English Composition Elective

ENG 102	Composition and Argument	3
ENG 103	Composition and Literature	3
ENG 104	Composition and Technical Communication	3

ENG 105	Composition and Business Communication	3
<b>Humanities Elective</b>		
Any ART, CULT, FRN, SPN, LIT, MUS, PHI, REL, THE		
COMM 130	Introduction to Film Studies	3
<b>Social Sciences Elective</b>		
Any CRJ, ECO, GEO, HST, LBR, POL, PSY, SOC		
<b>Communication Elective</b>		
COMM 105	Interpersonal Communication	3
COMM 110	Public Speaking	3