

CENTER FOR INNOVATIVE TECHNOLOGIES  
MASTER COURSE DOCUMENT

## CPDM 290 Computer Programming and Database Management Capstone Design Project

**Course Description:** Students combine their programming and database skills to complete a software application project, such as developing apps for various mobile devices, implementing a functioning database-driven website for a product, programming games for the Xbox, or developing code for the CPDM EDDIE Robot Platform.

**Prerequisites(s):** CPDM 152

**Corequisite(s):** No corequisite

Lecture Hours: 2	Lab Hours: 3	Credit Hours: 3
Lab Fee: 105	Supplemental Fee: 0	Purpose:
<input type="checkbox"/> Transfer Assurance Guide Course (TAG)	<input type="checkbox"/> Transfer Module Course (TM)	
Course Format: Lec/Lab		Grading: A/B/C/D/F/I
Delivery Method: <input type="checkbox"/> Web	<input checked="" type="checkbox"/> Hybrid	<input type="checkbox"/> Classroom
Semesters Offered: x Fall	x Spring	x Summer

### Course Primary Text:

No Textbook Required	Edition:
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### Supplemental Materials:

Visual Studio Professional
SQL Server Management Studio

### Course Outcomes:

1	Show mastery in developing IT solutions based on the learned content in CPDM.
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### Course Topics:

Week 1	Introduction to course. Creation of Teams
Week 2	Planning of Project
Week 3	Planning of Project
Week 4	Planning of Project
Week 5	Requirements Gathering of Project
Week 6	Requirements Gathering of Project
Week 7	Requirements Gathering of Project
Week 8	Design of Project
Week 9	Design of Project
Week 10	Development of Project

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Week 11	Development of Project
Week 12	Development of Project
Week 13	Development of Project
Week 14	Development of Project
Week 15	Presentation of Completed Project

**Methods of Evaluation/Assessment**

Planning – 5%
Requirements – 10%
Design – 5%
Final Project – 60%
Peer Review – 20%

Course Keeper: Bob Nields

Date Completed: 4/1/2019