(Non Co-op) Computer Programming – 0336X 2024-2025

Level 1
24 hrs contact
***(+22 study hrs)**

MAT8001C
Technical Math for Computer Science
4/0/3

CST8116
Intro to Computer Programming
3/2/6   H

CST8118
Computer Essentials
2/2/4

CST8300
Achieving Success in Changing Env.
GE   3/0/3   H

CST8215
Intro to Database
3/2/3   H

ENL1813T
Communications
3/0/3

Level 2
24 hrs contact
***(+23 study hrs)**

GED0336
General Education Elective
3/0/3

CST8102
Operating System Fund. (GNU/Linux)
3/2/4   H
Pre-req: CST8116, CST8118

CST8285
Web Programming
2/2/4   H
Pre-req: CST8116

CST8284
Object-Oriented Prog. (JAVA)
3/2/5   H
Pre-req: CST8116

CST2355
Database Systems
2/2/4
Pre-req: CST8215

ENL2019T
Technical Comm. for Eng. Technology
3/0/3
Pre-req: ENL1813T

Scheduled Break
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Level 3
21 hrs contact
***(+23 study hrs)**

Elective
(see options below)
2/2/4

CST8109
Networking Programming
3/2/5
Pre-req: CST8116, MAT8001C

CST2335
Mobile Graphical Interface Prog.
2/2/5
Pre-req: CST8215, CST8284

CST2234
Systems Analysis and Design
3/1/4   H
Pre-req: CST8215, CST8284, ENL2019T

CST8288
Object-Oriented Programming with Design Patterns
3/2/5
Pre-req: CST8215, CST8284

Level 4
19 hrs contact
***(+24 study hrs)**

GED0336
General Education Elective
3/0/3

CST8277
Enterprise Applications Prog.
3/2/5   H
Pre-req: CST2355, CST8109, CST8288

CST8002
Prog. Language Research Project
1/2/4   H
Pre-req: CST8284

CST8276
Advanced Database Topics
3/2/4   H
Pre-req: CST2355, CST8109

CST8319
Software Development Project
2/0/8   H-2
Pre-req: CST2234, CST2335, CST2355, CST8102, CST8109, CST8285, CST8288 & ENL2019T

Course Name
Course Number
Hours
(theory/lab/study*)
H-hybrid Course

*recommended number of study hours per week: the amount may vary between individual students

Options for Level 3 Electives:

CST8283-Business Programming-default (Pre-Req: CST8116)
CST8390-Business Intelligence & Data Analytics (Pre-Req: CST8215, CST8116 & MAT8001C)

This document is intended for guidance only. Please refer to the college calendar for current status.
Revised June 2024