

COMPUTER SCIENCE COURSES

- CSC 105. Introduction to Computing and Computer Applications (3)**
CSC 106. Fluency in Information Technology (3)
CSC 112. Introduction to Computer Programming (3) Prerequisite: MAT 111 or 115 or equivalent preparation
CSC 121. Introduction to Computer Science I (3) Prerequisite: MAT 111 or 115
CSC 133. Discrete Structures (4) Prerequisite: MAT 111 or 115
CSC 220. (ART 220) (FST 220) 3-D Computer Graphics Tools and Literacy (3) Prerequisite: CSC 105, 121 or permission of instructor
CSC 221. Introduction to Computer Science II (4) Prerequisite: CSC 121
CSC 241. Introduction to Computer Systems & Assembly Languages (3) Prerequisite: CSC 121
CSC 242. Digital Logic and Computer Organization (3) Prerequisite: CSC 133, CSC 241
CSC 304. Multimedia Systems (3) Prerequisite: CSC 121
CSC 320. (ART 320)(FST 320) Computer Animation (3) Prerequisite: CSC 220 (ART 220)(FST 220) or permission of instructor
CSC 325. (MAT 325) Numerical Algorithms (3) Prerequisite: CSC 112 or 121, MAT 162
CSC 332. Data Structures (3) Prerequisite: CSC 221; prerequisite or corequisite MAT 161
CSC 337. Parallel Computing (3) Prerequisite: CSC 242 and 332
CSC 342. Operating Systems (3) Prerequisite: CSC 242 and CSC 332
CSC 344. Computer Networks (3) Prerequisite: CSC 242
CSC 360. Formal Languages and Computability I (3) Prerequisite: CSC 242 and CSC 332
CSC 370. Computer Graphics (3) Prerequisite: CSC 332 and MAT 162
CSC 385. Professional and Ethical Issues in Computer Science (1) Prerequisite: Junior or senior standing in CSC
CSC 415. (515) Artificial Intelligence (3) Prerequisite: CSC 332
CSC 422. Performance Evaluation of Computer Systems (3) Prerequisite: STT 215, MAT 162, and CSC 221
CSC 425. (525; MAT 425/525) Numerical Analysis (3) Prerequisite: MAT 325, 335, and 361
CSC 432. (532) Advanced Data Structures (3) Prerequisite: CSC 332
CSC 434. Programming Languages (3) Prerequisite: CSC 332 and CSC 360
CSC 442. Computer System Architecture (3) Prerequisite: CSC 242
CSC 444. Network Programming (3) Prerequisite: CSC 342 and CSC 344
CSC 450. Software Engineering (3) Prerequisite: CSC 332 and senior standing
CSC 453. Object-Oriented Analysis and Design (3) Prerequisite: CSC 332 and senior standing
CSC 455. Data Base Management Systems (3) Prerequisite: CSC 332
CSC 457. Compiler Construction (3) Prerequisite: CSC 434 and senior standing
CSC 460. Formal Languages and Computability II (3) Prerequisite: CSC 360
CSC 475. Topics in Computer Science (3) Prerequisite: Senior standing and permission of instructor
CSC 491. Directed Individual Study (1-3) Prerequisite: Overall GPA of at least 2.00, junior or senior standing, and consent of instructor, department chair and dean
CSC 495. Seminar in Computer Science (1) Prerequisite: Junior or senior standing and consent of instructor
CSC 498. Internship in Computer Science (1-3) Prerequisite: Overall GPA of at least 2.5 and a GPA in CSC of at least a 2.80
CSC 499. Honors Work in Computer Science (2-3) Prerequisite: Eligibility for honors program