



Department of Computer Science
 College of Science and Mathematics
 Montclair State University, Richardson Hall



**MONTCLAIR
 STATE
 UNIVERSITY**

Information Technology Major Program
Tentative Schedule, 2-Year Cycle

CSIT 104, 111, 112, 230, 337, and 270 will be offered **every** semester.

FALL EVEN YEARS	FALL ODD YEARS
CSIT 432 CSIT 315 CSIT 437 CSIT 474 CSIT 335	CSIT 358 CSIT 432 CSIT 315 CSIT 437 CSIT 335
SPRING ODD YEARS	SPRING EVEN YEARS
CSIT 460 CSIT 340 CSIT 355	CSIT 460 CSIT 340 CSIT 355 CSIT 357

C = Required Core, **E** = Elective

- C - CSIT 104 Computational Concepts
- C - CSIT 111 Fundamentals of Programming I
- C - CSIT 112 Fundamentals of Programming II
- C - CSIT 212 Data Structures and Algorithms
- C - CSIT 230 Computer Systems
- C - CSIT 270 Discrete Mathematical Structures
- C - CSIT 337 Internet Computing
- C - CSIT 460 Computer Security
- C - CSIT 340 Computer Networks
- C - CSIT 432 Systems Administration
- C - CSIT 355 Database Systems
- C - CSIT 335 Human Computer Interaction
- C - CSIT 416 IT Project Management
- C - CSIT 491 COOP Ed: CS and IT

- E - CSIT 313 Fundamentals of Programming Languages
- E - CSIT 315 Software Engineering I
- E - CSIT 345 Operating Systems
- E - CSIT 357 Artificial Intelligence
- E - CSIT 358 Multimedia Computing
- E - CSIT 414 Compiler Construction
- E - CSIT 415 Software Engineering II
- E - CSIT 429 Parallel and Distributed Computing
- E - CSIT 431 Introduction to Robotics
- E - CSIT 437 Web Services
- E - CSIT 445 Computer Architecture
- E - CSIT 451 Mobile Computing
- E - CSIT 473 Image Processing
- E - CSIT 474 Computer Graphics
- E - CSIT 490 Honors Seminar in Computer Science
- E - CSIT 495 Topics in Computer Science for Undergraduates
- E - CSIT 497 Undergraduate Research I
- E - CSIT 498 Undergraduate Research II