



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



**MONTCLAIR  
 STATE  
 UNIVERSITY**

**CS Major Program (Concentration in Professional Computing, effective Fall 2003)**  
**Tentative Schedule, 2-Year Cycle**

CMPT 183, 184, 250, 285, and 287 (Fall-Day/Spring-Eve) will be offered **every** semester.

FALL EVEN YEARS	FALL ODD YEARS
280	280
371	371
385	
472 Eve	
483 Eve	483 Eve
CSIT 470 (*)	CSIT 470 (*)
296 CISCO I, II	296 CISCO I, II
SPRING ODD YEARS	SPRING EVEN YEARS
281	281
320	320
330	330
372	372
493 Eve	484 Eve
481 Eve	
[495]	[495] [388]
296 CISCO III, IV	296 CISCO III, IV

C = Required Core, R = Required Advanced, E = Elective

- C - 183 Found. of Comp. Sci I
- C - 184 Found. of Comp. Sci II
- 250 Web Tools
- C - 280 Asm. Lang. and Comp. Arch
- C - 281 Theory of Digital Machines
- C - 285 Discrete Mathematics
- C - 287 Data Structures, File Str and Algorithms
- E - 320 Intranet and Internet Security
- R - 330 Network Technology
- C - 371 Software Analysis and Design – SE I
- C - 372 Software Impl. and Testing – SE II
- R - 385 Comp. Sys. Organization
- E - 388 Foundations of AI
- E - 472 Computer Graphics
- R - 481 Operating Systems
- E - 483 Database Systems
- R - 484 Fund. of Prog. Languages
- E - 485 Compiler Construction
- E - 486 Design of Computer Interfaces
- E - 487 Local Area Networks
- E - 493 Advanced Database Theory
- E - 495 Topics in Computer Science
- E - 499 COOP in Computer Science

(\*) Permission of the Department is required in order to receive credit in the CS major.

CMPT 250 and 495 are **not** electives for the Concentration in Professional Computing (CPC).