2009 Program Electives

Multimedia and Web Programming

Elective Courses
Select four courses for a total of 16-19 credits; select at least one from each group. Students must be aware of the 60 credit upper division requirement and select courses accordingly.

Group A:
- CSCD 305 C++ Programming (4)
- CSCD 306 .NET Programming (4)
- CSCD 310 Discrete Structures (4)
- CSCD 320 Algorithms (4)
- CSCD 330 Network Programming (4)
- CSCD 340 Operating Systems (4)
- CSCD 360 Architecture and Organization II (4)
- CSCD 370 Graphical User Interface Programming (4)
- CSCD 416 3D Modeling & Animation II (4)
- CSCD 417 3D Modeling & Animation III (4)
- CSCD 418 3D Modeling & Animation IV (4)
- CSCD 420 Automata (4)
- CSCD 421 Automata and Languages (4)
- CSCD 422 Compiler Design (4)
- CSCD 427 Database Programming (4)
- CSCD 429 Data Mining (4)
- CSCD 433 Advanced Network Concepts (4)
- CSCD 434 Network Security (4)
- CSCD 435 Principles of Programming Languages (4)
- CSCD 437 Secure Coding (4)
- CSCD 441 Operating Systems II (4)
- CSCD 442 Operating Systems III (4)
- CSCD 443 Distributed Multiprocessing Environments (4)
- CSCD 461 Embedded Systems (4)
- CSCD 467 Concurrent Systems (4)
- CSCD 470 3D Computer Graphics Principles (4)
- CSCD 471 Advanced 3D Computer Graphics Programming (4)
- CSCD 474 Computer Games Development (4)
- CSCD 476 Advanced 3D Modeling & Animation Topics (4)
- CSCD 479 Web Programming-Security (4)
- CSCD 480 Computational Intelligence and Informatics (4)
- CSCD 481 Advanced Computational Intelligence (4)
- CSCD 482 Advanced Intelligent Informatics (4)
- CSCD 487 Human Computer Interface (4)
- CSCD 495 Internship (two 4 -credit internships are allowed)
- CSCD 3xx, 396, 398, 399, 4xx, 439, 496, 498, 499 (3-4) prior departmental approval of topic content is required.

Group B:
- CMST 309 Communication and Information (5)
- CMST 340 Intercultural Communication (5)
- CMST 400 Message Design (5)
- CRWR 210 Introduction to Creative Writing (5)
- CRWR 417 Creative Writing Workshop
- DESN 216 Computer Graphics (4)
- DESN 263 Visual Communications Design I (4)
- DESN 343 Typography (4)
- DESN 350 Digital Imaging and Photography (4)
- DESN 360 Publishing for Print and the World Wide Web (4)
- DESN 363 Visual Communications Design II (4)
- DESN 375 Introduction to Digital Video (4)
- DESN 463 Visual Communications Design III (4)
- ENGL 404 Software Documentation (5)
- FILM 110 Introduction to Electronic Media Production (5)
- MKTG 310 Principles of Marketing (4)

Other Course (4) (prior approval of the department required)