Information Technology Core Curriculum
Prerequisite Chart

MATH 165
Precalculus with Trigonometry
(or ACT 27 and 4 yrs college prep HS math)

MATH 241
Elementary Statistics

CMPS 280
Algorithm Design and Implementation II

CMPS 285
Software Development and Professional Practice

CMPS 257
Discrete Structures

CMPS 294
Internet Programming

CMPS 319
Principles of Information Assurance

CMPS 390
Data Structures

CMPS 439
Database Systems

CMPS 411
Software Engineering

CMPS 481
Seminar

MATH 161
College Algebra
(or ACT 24)

CMPS 161
Algorithm Design and Implementation I

CMPS 309
Computer Networking

CMPS 315
System Administration

CMPS 375
Computer Architecture

CMPS 383
Information Systems

CMPS 390
Data Structures

CMPS 431
Operating Systems

CMPS 420
Human Computer Interaction

CMPS 439
Database Systems

CMPS 411
Software Engineering

CMPS 311
Senior Standing

CMPS 293
Introduction to Assembly Language

CMPS 375
Computer Architecture

CMPS 383
Information Systems

CMPS 431
Operating Systems

CMPS 420
Human Computer Interaction

CMPS 439
Database Systems

CMPS 411
Software Engineering

CMPS 481
Seminar