



Your Academic Future

Waterloo Public High Schools

9th Grade

Keyboarding/Word Processing I
Computer Concepts and Applications I

10th Grade

Computer Concepts and Applications II

11th Grade

Introduction to Computer Science I and II
Cisco Networking I
Cisco Networking II
Introduction to Web Design
Math for Decision Making

11th/12th Grade Summer

COMPASS Testing
Human Relations

12th Grade

A+ Certification I and II
Cisco Networking III
Cisco Networking IV

Hawkeye Community College

Computer Networking Technician

First Semester

Personal Computer Hardware (IF100U)
Operating Systems (IF107U)
UNIX Administration (IF141U)
Composition I (CM 113T)

Information Systems Management

First Semester

Personal Computer Hardware (IF100U)
Operating Systems (IF107U)
Systems Implementation (IF105U)
Principles of Accounting I (AC101T)
Composition I (CM 113T)

Second Semester

Principles of Accounting II (AC102T)
Introduction to Business (MG101T)
Human Resource Management (MM231U)
Fundamentals of Oral Communication (CM132T)
Information Tech Elective

Third Semester

Introduction to Statistical Methods (MA140T)
Principles of Management (MG110T)
Two (2) Information Tech Electives

Hawkeye Community College

Network Administration and Engineering

First Semester

Personal Computer Hardware (IF100U)
Operating Systems (IF107U)
UNIX Administration (IF141U)
Composition I (CM 113T)

Second Semester

Beginning Administration of Novell Netware (IF221U)
Advanced Administration of Novell Netware (IF223U)
Network and Resource Management Software (IF200U)
Database Server Administration (IF202U)
Information Tech Elective
Fundamental of Oral Communication (CM132T)

Third Semester

Administration of Network Servers (IF238U)
Network Performance and Monitoring (IF240U)
Systems Implementation (IF105U)
Experiential Learning in Information Technology (IF230U)
Information Tech Elective

Web Design and Development

First Semester

Personal Computer Hardware (IF100U)
Operating Systems (IF107U)
Advanced Web Design (IF205U)
JAVA Programming (IF130U)
Composition I (CM 113T)

Second Semester

Web Server Administration (IF231U)
Multimedia Concepts (IF233U)
Visual Basic Programming (IF203U)
Database Applications (IF204U)
Advanced Graphics (IF206U)
Fundamentals of Oral Communication (CM132T)

Third Semester

Sound and Streaming (IF234U)
XML/XSL Programming (IF232U)
E-Commerce Strategies (IF235U)
Systems Implementation (IF105U)
Experiential Learning in Information Technology (IF230U)

