

## **Computer and Network Support Sample Program of Study**

### **Grade 11**

#### **Fall**

CIS 218 Microcomputer Hardware I (3)  
CIS 265 Cisco Networking (4) 7 credits

#### **Spring**

CIS 219 Microcomputer Hardware II (3)  
CIS 266 Cisco Routing, Config., & Troubleshooting (4) 7 credits

### **Grade 12**

#### **Fall**

CIS 267 Cisco Switching and LAN Topologies (4)  
MATH 103 College Algebra (3) or MATH 102 Intermediate Algebra 7 credits

#### **Spring**

CIS 268 Cisco Switching and Project Management (4)  
ECON 201 Principles of Microeconomics (3) or Social Science Elective 7 credits

### **Year 13**

#### **Fall**

ELEC 150 Introduction to Electronics (4)  
CIS 240 Supporting MS W2K Professional (3)  
ENGL 110 College Composition I (3)  
CIS 242 Microsoft Server OS (4)  
CSCI 160 Computer Science I (JAVA) (4)  
CIS 197 Internship (1-3) 19 credits

#### **Spring**

PHIL 210 Ethics (3)  
CIS 220 Operating Systems (UNIX) (3)  
CIS 246 Support Infrastructure MS W2K (3)  
ENGL Elective (3)  
CIS 279 Security Awareness (1)  
CIS 180 Creating Web Pages I (3)  
Wellness Elective (2) 18 credits

To decrease the credit load in Year 13, students may wish to enroll in summer classes between grade 11 and 12 or grade 12 and year 13.