

# ASSOCIATE OF APPLIED BUSINESS DEGREE

## INFORMATION TECHNOLOGY

### Microsoft Networking Technology

The University of Northwestern Ohio is a Microsoft IT Academy and this curriculum was developed as a study of several Microsoft® Windows 2003 products as they apply to a networking professional. It explores and applies these products in order to prepare the student for the Microsoft Certified Systems Administrator (MCSA) and Microsoft Certified Systems Engineer (MCSE) exams in pursuit of these Microsoft certifications. A hands-on approach will be used to reinforce the concepts discussed in this curriculum. The sequence of the courses starts in the fall quarter only and cannot be taken in the Virtual College. The student is required to successfully complete the coursework in order to receive the degree. MCSA and MCSE testing and certifications are completely up to the individual student. The University is an Authorized Prometric Testing Center. Students enrolled in this program are able to complete certification exams on campus for a reduced fee. Receipt of the University degree is separate and apart from the actual MCSA and MCSE certifications.

#### MISSION STATEMENT:

The Information Technology Department delivers to the students an educational experience that leads to lifelong learning skills through field-experienced professionals using contemporary technology.

**Curriculum: 108 Credit Hours**  
**Length: 6 Quarters**

#### Technical & Basic Requirements:

##### 64 Credit Hours

AC114 Accounting I/5  
BU115 Contract Law/5  
IT110 Modern Computing Concepts/3  
IT184 Ethics in Information Technology/4  
IT235 Electronic Commerce/5  
MA121 Principles of Management/5  
MN270 Administering a Client Operating System<sup>^</sup>/3  
MN290 Administering a Server Environment<sup>^</sup>/4  
MN291 Maintaining a Network Infrastructure<sup>^</sup>/4  
MN293 Planning a Network Infrastructure<sup>^</sup>/4  
MN294 Configuring & Maintaining a Directory Service<sup>^</sup>/3  
MN297 Designing a Network Directory Service Architecture<sup>^</sup>/3  
MN298 Designing Network Security<sup>^</sup>/4  
MN299 Developing Security in a Network Architecture<sup>^</sup>/4  
MT210 Public Relations/3  
NS183 Network Security Fundamentals<sup>^</sup>/5

#### General Education Requirements:

##### 37 Credit Hours

CO179 Introduction to Human Communication/3  
EN180 Composition I/5  
EN200 Composition II/5  
MH169 Business Math/5  
MH190 Algebra/5  
PY177 Introduction to Psychology/3  
OR  
SO186 Sociology/3  
SC200 Principles of Ecology/3  
UN100 First Year Experience/1  
UN220 Introduction to Diversity Issues/3  
UN292 Portfolio Capstone/1  
Any 100- or 200-level AR, EN, HI, RE, or SP course/3

#### General Education Electives:

##### 3 Credit Hours

Choose 100- or 200-level courses from the general education subject categories, which may include Art (AR), English (EN), History (HI), Math (MH), Political Science (PS), Psychology (PY), Religion (RE), Sociology (SO), Spanish (SP), or University Survey (UN).

#### Specialized Electives:

##### 4 Credit Hours

Choose courses at the 100 or 200 level that are not required in your program.

Note: Elective courses can apply to only one degree level. The same course cannot be re-used to satisfy the elective requirements at the Associate's Degree level and again at the Bachelor's Degree level.

<sup>^</sup> Preparation for test to gain credit towards Microsoft® Certified System Administrator (MCSA) and/or Engineer (MCSE) certification.