ASSOCIATE OF APPLIED BUSINESS DEGREE

INFORMATION TECHNOLOGY
System Administration

The explosion of computer use has created a high demand for trained specialists who have the education to administer, maintain, and support computer systems and networks. The University of Northwestern Ohio is a VMware IT Academy. The System Administration curriculum was developed as a study of several Microsoft® Windows and VMware® products as they apply to an IT Professional. 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 online. The student is required to successfully complete the coursework in order to receive the degree. Following the completion of coursework, students may choose to sit for additional certification exams. Receipt of the University degree is separate and apart from the actual Microsoft Certified Systems Administrator (MCSA), Microsoft Certified Systems Engineer (MCSE), and Microsoft Certified IT Professional (MCITP) certifications in addition to others.

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.

108 Credit Hours

Technical & Basic Requirements:
66 Credit Hours
BU109  Customer Service/3
BU120  Introduction to Business/3
DP117  Database Applications/3
EC190  Survey of Economics/3
IT113  Introduction to Computer Programming/3
IT130  Management of Information Security/3
IT150  Administering a Client Operating System/5
IT170  Ethics in Information Technology/3
IT183  Network Fundamentals/5
NS280  Intrusion Detection Systems Administration/3
SA110  Operating System Fundamentals^/5
SA115  Database Design & Development/3
SA130  Administering a Server Environment I^/5
SA220  Administering a Server Environment II^/5
SA230  Server Utilities^/5
SA240  Advanced Server^/3
SA245  Emerging Trends in Computing/3
SA292  System Administration Capstone/3

General Education Requirements:
32 Credit Hours
CO179  Introduction to Human Communication/3
EN180  Composition I/5
EN200  Composition II/5
MH190  Algebra/5
PY177  Introduction to Psychology/3
OR
SO186  Sociology/3
SC200  Principles of Ecology/3
UN110  First-Year Experience/2
UN220  Introduction to Diversity Issues/3
Any 100- or 200-level AR, EN, HI, or RE 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), or University Survey (UN).

Specialized Electives:
7 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.

^ Preparation for test to gain credit towards Microsoft® Certified System Administrator (MCSA) and/or Engineer (MCSE) certification and Microsoft Certified IT Professional (MCITP).