



Pine Technical &
Community College

Management Information Systems

- Associate of Applied Science
- Diploma

The Management Information Systems (MIS) AAS program provides students with practical and theoretical knowledge in the areas of business and information technology. The program prepares students for successful careers as business and information technology professionals through a curriculum that integrates basic business concepts and general management principles, along with information technology knowledge and skills. Students investigate business processes related to the functional areas of business and gain experience with the most current technologies needed to support those processes. Program graduates possess a strong academic foundation which can lead to immediate workforce opportunities and/or transfer to either a Business or Information Technology bachelor's degree program.

Recommended Course Sequence for Completion in 2 Years

Fall Semester 1

*BUSN 1120 Business Computer Applications	3
*COCN 1209 Workstation Operating Systems	3
COCN 1220 Network Administration 1	3
*COCN 1250 Computer Hardware Support	3
◆Technical Elective (choose one) BUSN 1110, BUSN 1130, BUSN 1140 or BUSN 1150.....	3
Total Credits	15

Spring Semester 1

COCN 1251 Computer Software Support.....	3
ENGL 1276 College Composition.....	4
◆Technical Elective (choose three) BUSN 1110, BUSN 1130, BUSN 1140 or BUSN 1150.....	9
Total Credits	16

Management Information Systems Diploma Earned!

Fall Semester 2

*COCN 1213 Introduction to Programming	3
CSEC 1300 Cybersecurity Essentials	2
*BUSN 2220 Principles of Marketing.....	3
MnTC Goal Area 2-5, or 9 (must satisfy 2 goal areas).....	6
Total Credits	14

Spring Semester 2

*COCN 2258 Project Management	3
*BUSN 2230 Principles of Management	3
MnTC Goal Area 2-5, or 9 (must satisfy 2 goal areas).....	6
◆Technical Elective (choose one) COCN 1211 or COCN 1221	3
Total Credits	15

TOTAL DEGREE CREDITS 60

Management Information Systems AAS Earned!

◆Technical Electives:

- *BUSN 1110 Introduction to Business
- *BUSN 1130 Human Relations in Business
- *BUSN 1140 Business Information Systems
- BUSN 1150 Data Analytics for Business
- COCN 1211 Network Security
- COCN 1221 Network Administration 2

*Check with our Transfer Specialist to determine if any knowledge or skills learned outside of the classroom may qualify for Credit for Prior Learning (CPL) college credit.

Career Outlook

The computer and information systems field has a 5-star demand rating according to the Minnesota Department of Employment & Economic Development and will experience an 8% growth over the next ten years. Typical wages are above the overall state average. By continuing on to a bachelor's degree, graduates could potentially earn \$100,000/year.

www.pine.edu/apply

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