Computer Technology (AAS)

Graduates in computer technology will be trained in a broad range of skills useful in computer-based industry applications including programming languages, structure of databases, logical organization of computer systems as well as use of standard desktop applications. The degree program can, if the student chooses, include the study for important industry certifications.

Note: Courses marked with an asterisk (*) must be completed within the last seven years prior to completing the Associate of Applied Science degree in Computer Technology (with or without Industry Certification).

General Education Requirements: (21-22 credits with minimum total of 15 MnTC goal credits from three MNTC goals)

COMM 1111  Interpersonal Communication  (3)
OR COMM 1121  Small Group Communication
ENGC 1101  Freshman Composition  (4)
ENGC 1102  Technical Writing  (3)
MATH 1100  College Algebra  (4)
MATH 1080  Statistics  (4)
OR BUSN 2220  Stats-Business and Economics  (4)

MnTC course  Complete 3-4 MnTC goal credits to satisfy minimum of 15 credits from three goals of MnTC

Specialized Career Program Requirements:  

(26 cr)

ACCT 2251  Principles of Accounting 1  (4)
CIM 1201  Information Technology Concepts & Business Software 1  (3)
CIM 1220  Business Problem Solving Excel  (3)
COMT 1107  Intro to Computer Technology  (4)
COMT 1173*  PC Architecture Op/Interface  (3)
COMT 1181*  Database Management Sys  (3)
COMT 1184*  Telecommunications  (3)
COMT 2188*  Systems Analysis and Design  (3)

CSCI 1111  Intro to Programming in C  (4)
CSCI 1202*  Intro to Object-Oriented Programming in C++  (3)
CSCI 1203*  Intro to Programming in Java  (4)
ENGT 1511  Intro to Engineering Technology  (3)
ENGT 1514  Computer Integrated Manufacturing  (3)

Complete 3-4 MnTC goal credits to satisfy minimum of 15 credits from three goals of MnTC.

Select one area to reach 60 credits:  (6-7 cr)

• Business/Management (any BUSN course)
• Computers/Information Management (any CIM course not listed above)
• Engineering (any ENGR course) or ENGT 1153 AC/DC Circuits AND ENGT 1513 Digital Electronics Technology, or ENGT 1153 AC/DC Circuits AND ENGT 2188 Industrial Robotics
• Any CSCI (except CSCI 1100 or CSCI 1101)
• Liberal Arts Elective(s)

Note: More than one programming language may be required in order to reach the 32 credits needed for the Specialized Career Program Requirements.

Other Graduation Requirements:

• Complete the specific degree requirements.
• Earn a cumulative grade point average (GPA) of 2.00 or higher for college-level coursework completed at Normandale. Note that some programs, such as those in health sciences, require a higher GPA in both Normandale and transfer coursework.
• Earn a minimum of 20 college level credits at Normandale.

Students seeking an Associate of Applied Science (AAS) degree from Normandale Community College

www.normandale.edu

9700 France Avenue South • Bloomington, MN 55431-4399

Source: 2013-2014 Normandale Community College Catalog
must successfully complete the degree requirements determined by the specific program, which include 20 credits from at least three MnTC Goal areas.