By completing this program, students will achieve the following learning outcomes.

1. Apply critical thinking skills in the identification, analysis and resolution of information technology problems.
2. Exhibit interpersonal skills and a professional attitude while working in an information technology environment.
3. Clearly express ideas and information in written and spoken form.
4. Analyze, design and document system specifications to meet client needs.
5. Apply project management techniques to solve business problems.
6. Collaborate with a team to design and develop customer software-based solutions and integrate them into the user environment.
7. Apply logical reasoning to a problem.

Some courses may require appropriate test score or completion of basic math, basic English and/or reading courses with a “C” or better.

BDAT 1005, ITEC 1003, ITEC 1011, ITEC 1016, and TLIT 1005 are first semester courses and prerequisite to other courses in this major.

Course Prerequisites

Graduation Requirements

All Anoka Technical College students seeking an Associate in Applied Science (AAS), diploma, or certificate must meet the cumulative grade point average (GPA) of 2.0 or higher.

Transfer Opportunities

To see how credits from this program may transfer into other Anoka Technical College programs or into a program at another college, visit:

- Minnesota Transfer
- Anoka Technical College transfer student

Industry Information

Anoka Technical College Information Technology graduates will be specialists in their area of emphasis and will also have a broad base of foundational knowledge from the common core courses that span the three emphasis areas. Professional standards, proper methodology and project management will be emphasized throughout the courses.

Wage

Wage information is available from the Minnesota Department of Employment and Economic Development.

Start Dates

Fall Semester ................................................. August, October
Spring Semester ............................................. January, March

General Education/MnTC Requirements: 15 Credits

Fifteen (15) general education credits of Minnesota Transfer Curriculum (MnTC) are required from three different goal areas. Student is required to take one transferable course from MnTC Goal Area 4 and the following courses:

- ENGL 2105 Business and Technical Writing ...................... 4
- PHIL 1200 Technology, Ethics and Society ....................... 3
- General Education/MnTC .............................................. 8

Note: MnTC credits are not listed in your program sequence plan. Please see your faculty advisor or enrollment services for help in planning when to complete your MnTC credits.

Program Sequence

First Semester ......................................................... 15
- BDAT 1005 Data Analysis Fundamentals ....................... 2
- ITEC 1003 Networking Fundamentals ......................... 2
- ITEC 1011 Programming Logic & Design ..................... 4
- ITEC 1016 Web Programming Technologies ................. 4
- TLIT 1005 Technology Fundamentals ....................... 3
After completing the 15 credit core curriculum, IT students work with a faculty advisor to plan their course sequence.

- IT 1025 Project Management .............................................. 4
- IT 1035 Documentation Standards .................................... 2
- IT 2105 JAVA Programming ............................................. 4
- IT 2120 DB Design & SQL ............................................... 4
- IT 2311 User Interface Experience .................................... 4
- IT 2340 Scripting languages ............................................. 4
- IT 2520 Mobile Application Development ....................... 4
- IT 2600 Application Development .................................... 4
- IT 2601 Database Application Development ..................... 4
- IT 2700 Artificial Intelligence .......................................... 4
- IT 2901 Integrated Capstone Project ................................. 4

Faculty Contact

Gerard Kne ......................................................................... 763-576-4044

For information on how to apply, to schedule a tour, or for service during summer hours, contact Enrollment Services at 763-576-7710 or EnrollmentServices@anokatech.edu

Also see AAS degrees and/or diplomas in: Business Data Analyst, Network Management and Security, Software Development, and Web Design & Development, and IT Support certificate