2016-2017
Convergence Technology
Emphasis
Associate in Applied Science (AAS) Degree

Technical Requirements.............57
General Education/MnTC 15
Total Credits 72

Program Information

The Anoka Technical College Associate in Applied Science (AAS) degree in Information Technology with a concentration in Convergence Technology is a 72-credit program designed to to prepare graduates to successfully compete for high-paying, rewarding careers in IT fields with the highest demand, both today and in the future. The program requirements were determined through consultation with employers, those working in the industry, technical training professionals, and those currently seeking training and retraining for IT careers.

The IT degree has an initial curriculum of over 90 courses in seven career areas of concentration:
• Convergence Technology
• Database Design & Development
• Game Programming
• Mobile Development
• Network Analyst
• Software Development
• Web Design & Development

This unique program allows technical specialization in one option while the common core courses and required electives from other options build a broad IT foundation needed to understand the terminology and methodologies of other IT specialties in the workplace.

Graduates are encouraged to take advantage of access to corporate recruitment and IT recruiting firms. Internships and work-study positions will also be available. The IT graduate will be highly employable, in many cases even before graduation.

Prerequisites

Some courses may require an Accuplacer/ACT score or completion of basic math, basic English, and/or reading courses with a "C" or better.

Graduation Requirements

All Anoka Technical College students seeking an Associate in Applied Science (AAS) degree, diploma, or certification must meet the grade-point average (GPA) of 2.0 or higher. Please contact your advisor for any further program graduation requirements.

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: (www.mntransfer.org/students/plan/s_agreements.php?numResults=25&archive=false&from_inst=70&from_prog=&to_inst=&Search=Search)

• Anoka Technical College transfer student: (www.anokatech.edu/BecomeStudent/Transfers.aspx)

Industry Information

The graduate will be a specialist in one of the areas of concentration in Information Technology (IT), but will also have a broad base of foundational knowledge from the common core courses that span the seven areas of concentration. Professional standards, proper methodology such as sound engineering principles and project management, will be emphasized throughout the courses.

Wages/Outlook/Advancement

Wage information is available from the Minnesota Department of Employment and Economic Development (http://mn.gov/deed/job-seekers/job-outlook/index.jsp).

Technical Education: 57 Credits

☐ ITEC 1002	Networking Fundamentals	3
☐ ITEC 1016	Web Development Technologies	4
☐ ITEC 1025	Project Management	4
☐ ITEC 1070	IT Support	1
☐ ITEC 2100	Programming Logic & Design	4
☐ ITEC 2206	Windows Network Administration	6
☐ ITEC 2215	Linux/Web Server Administration	4
☐ ITEC 2400	Convergence Technology	4
☐ ITEC 2407	Internetworking Device I	4
☐ ITEC 2408	Internetworking Device II	4
☐ ITEC 2409	Network Scripting	4
☐ ITEC 2415	Virtualization Technologies	4
☐ ITEC 2430	Firewall Security	4
☐ ITEC 2900	Integrated Capstone Project	4
☐ TLIT 1005	Technology Fundamentals	3

General Education/MnTC Requirements: 15 Credits

General Education/MnTC Courses from three (3) MnTC goal areas. Including one (1) transferable MATH course MnTC Goal Area Note: Math may have a prerequisite depending on your Accuplacer assessment score. Student is required to take:
☐ General Education/MnTC 15
Also see AAS degrees and diplomas in: Convergence Technology, Database Design & Development, Game Programming, Mobile Development, Network Analyst, Software Development and Web Design & Development

Start Dates

Fall Semester..August, October
Spring Semester .... January, March
(Also multiple start option each semester)

Faculty Contact

Vicki Baumgartner 763-576-4146
Tracy Hoffman 763-576-4198
Lisa Hubbard.. 763-576-4085
Gerard Kne... 763-576-4044
Mary Lebens 763-576-4169
Alex Minakov 763-576-4002
Julie Myers.. 763-576-4072

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

Convergence Technology
Diploma

Total Technical Credits..............57

Program Information

The Anoka Technical College Convergence Technology diploma is a 57-credit program designed to prepare graduates to successfully compete for high-paying, rewarding careers in IT fields with the highest demand, both today and in the future. The program requirements were determined through consultation with employers, those working in the industry, technical training professionals, and those currently seeking training and retraining for IT careers.

This IT diploma is one of seven career areas of concentration:
• Convergence Technology
• Database Design & Development
• Network Analyst
• Game Programming
• Software Development
• Web Design & Development
• Mobile Development

This unique program allows technical specialization in one option while the common core courses and required electives from other options build a broad IT foundation needed to understand the terminology and methodologies of other IT specialties in the workplace.

Graduates are encouraged to take advantage of access to corporate recruitment and IT recruiting firms. Internships and work-study positions will also be available. The IT graduate will be highly employable, in many cases, even before graduation.

Prerequisites

Some courses may require an Accuplacer/ACT score or completion of basic math, basic English, and/or reading courses with a "C" or better.

Graduation Requirements

All Anoka Technical College students seeking an Associate in Applied Science (AAS) degree, diploma, or certification must meet the grade-point average (GPA) of 2.0 or higher. Please contact your advisor for any further program graduation requirements.

Transfer Opportunities

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• Minnesota Transfer: (www.mntransfer.org/students/plan/s_agreements.php?numResults=25&archive=false&from_inst=70&from_prog=&to_inst=&Search=Search)

• Anoka Technical College transfer student: (www.anokatech.edu/BecomeStudent/Transfers.aspx)

Industry Information

The Anoka Technical College Convergence Technology graduate will be a specialist in one of the areas of concentration in Information Technology, but will also have a broad base of foundational knowledge from the common core courses that span the seven areas of concentration. Professional standards, proper methodology such as sound engineering principles and project management, will be emphasized throughout the courses.

Wages/Outlook/Advancement

Wage information is available from the Minnesota Department of Employment and Economic Development (http://mn.gov/deed/job-seekers/job-outlook/index.jsp).

Gainful Employment

Follow this link for Gainful Employment Report.

Technical Education: 57 Credits

☐ ITEC 1002   Networking Fundamentals....................................3
☐ ITEC 1016   Web Development Technologies 4
☐ ITEC 1025   Project Management 4
☐ ITEC 1070   IT Support 1
☐ ITEC 2100   Programming Logic & Design............................4
☐ ITEC 2206   Windows Network Administration 6
☐ ITEC 2215   Linux/Web Server Administration 4
☐ ITEC 2400   Convergence Technology....................................4
☐ ITEC 2407   Internetworking Device I................................. 4
☐ ITEC 2408   Internetworking Device II................................ 4
☐ ITEC 2409   Network Scripting..4
☐ ITEC 2415   Virtualization Technologies 4
☐ ITEC 2430   Firewall Security 4
☐ ITEC 2900   Integrated Capstone Project...............................4
☐ TLIT 1005   Technology Fundamentals 3

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