2014-2015

Multimedia and Game Programming

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 Multimedia and Game Programming is a 72-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 focuses on designing and developing multimedia programs and computer games, Emphasis is on the design, development and deployment of interactive programs for delivery on CD-Rom and DVD. Additionally, students learn 3D animation skills and programming techniques suitable for developing elementary interactive computer games.

The Multimedia and Game Programming emphasis 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 unique program allows technical specialization in Multimedia and Game Programming while the common core courses and required electives from other specializations build the 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 are be available.

IT graduates are highly employable; in many cases, even before graduation.

Prerequisites

See *Credits*:

**The required MATH course may have prerequisites depending on your Accuplacer assessment score.

Also see *Graduation Requirements.*

Graduation Requirements

All Anoka Technical College students must demonstrate basic competency in Math, English, and Reading. Competency may be demonstrated through achieving minimum cut scores in new student assessments (Accuplacer); through other assessment exemptions; or through successful completion of Basic Math, Basic English, and Reading courses, earning a "C" or higher before receiving a diploma or an associate in applied science degree.

Also see graduation standards in Anoka Technical College *Student Handbook*.

NOTE: Program plans are subject to change. Please contact your program advisor for the most current program information.

Transfer Opportunities

To see how this program transfers to other programs, review the Anoka Tech articulation agreements at Minnesota Transfer. Articulation agreements are transfer agreements with specific programs and partnering schools. These agreements detail how specific courses transfer to a specific program at the partnering school. For a complete list of Anoka Tech's articulation agreements listed by program please see this Minnesota Transfer link.

This program may also include Minnesota Transfer Curriculum (MnTC) courses. MnTC courses transfer to meet MnTC general education courses throughout the Minnesota State Colleges and Universities (MnSCU) system. MnTC courses from Anoka Technical College transfer to any MnSCU institution to meet the same goal areas that are met at Anoka Tech. Students are encouraged to contact the Office of Records and Registration at all transfer schools for details about the institution's transfer process and policies. For more information please visit our Transfer page

Technical Education — 57 Credits

IT Core ..... 19 credits

☐ ITEC1001	Networking Fundamentals	4
☐ ITEC1015	Web Programming Technologies	4
☐ ITEC1025	Project Management	4
☐ ITEC2100	Programming Logic & Design	4
☐ *TLIT1005	Technology Fundamentals	3

Multimedia & Game Programming Concentration ..... 38 credits

☐ ITEC2105	JAVA Programming	4
☐ ITEC2310	Graphic Design Technologies	4
☐ ITEC2316	Web Interactivity Tools	4
☐ ITEC2326	Gaming Technologies	4
☐ ITEC2331	Advanced Gaming Technologies	4
☐ ITEC2342	Game Scripting	2
☐ ITEC2345	Game Testing	4
☐ ITEC2500	Android Application Development	4
☐ ITEC2505	Objective C Programming	4
☐ ITEC2510	iOS Application Development	4

General Education/MnTC Requirements — 15 Credits

☐ General Education/MnTC Courses 15
including one (1) transferable MATH** course MnTC Goal Area 4

Fifteen general education credits must be taken from the Minnesota Transfer Curriculum (MnTC). Refer to the Anoka Technical College Web site for a list of the MnTC and their goal areas: AnokaTech.edu/current_students/transfer/

** TLIT1005 must be taken during the first semester and may or may not be accepted as transfer curriculum (MnTC).*

Also see: ***Convergence Technology emphasis associate in applied science (AAS) degree, Information Systems Analyst emphasis associate in applied science (AAS) degree, Network Analyst emphasis associate in applied science (AAS) degree and Web Design and Development emphasis associate in applied science (AAS) degree***

Industry Information

Anoka Technical College Convergence Technology graduates are specialist in their field, and 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, are emphasized throughout the courses.

Wages/Outlook/Advancement

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

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This information is available in alternative formats by calling 763-576-4069. TTY users can call Minnesota Relay at 800-627-3529 • A member of the Minnesota State Colleges and Universities System • Anoka Technical College is an equal opportunity, affirmative action employer and educator. Accredited by the Higher Learning Commission.

ANOKA TECHNICAL COLLEGE

Anoka Technical College
1355 West Highway 10
Anoka, MN 55303
763-433-1100
AnokaTech.edu

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Start Dates

Fall Semester	August, October
Spring Semester	January, March

(Also multiple start options each semester)

Faculty Contacts

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

For service during summer hours contact Enrollment Services 763-576-7710

For information on how to apply or to schedule a tour, please contact Admissions by phone 763-576-7710 or by email at info@anokatech.edu

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