



Unity Developer

TECHNICAL DIPLOMA

Program Code: 31-153-1

Downtown Milwaukee Campus (Also offered online)

Make MATC your first choice for learning about 3D software. Through this program, you will develop the skills necessary to learn the Unity 3D software creation tool, which is used to develop simulations, video games, training programs and educational software.

Career Outlook

Learning the fundamentals of Unity 3D prepares you to develop for multiple consoles and platforms, especially personal computer, web and mobile applications in 2D and 3D.

After earning this technical diploma, your credits can be applied to completing the Computer Simulation and Gaming associate degree.

Program Learning Outcomes

- Demonstrate the ability to create and manipulate assets using the Unity 3D engine
- Create understandable and fluid GUI elements
- Apply 3D math knowledge of transforms, coordinate systems and interpolation
- Apply object-oriented principles in designing systems and scripting
- Demonstrate the ability to contribute to all aspects of development on a multidisciplinary team

Admission Requirements

- A high school diploma or GED
- High school-level algebra



Creative Arts, Design & Media
MILWAUKEE AREA Technical College

COURSES	Credits
CSG-110 Introduction to Computer Simulation and Gaming	3
CSG-114 Introduction to Game Development/ Programming	3
CSG-115 CSG Production	3
CSG-117 Game Logic and Problem-Solving	3
MATH-107 College Mathematics ‡..... (or) Any 200-level MATH course	3
CSG-118 Game Engine Scripting ‡.....	3
CSG-119 Designing Interactive Displays ‡	3
CSG-120 Interactive Display Production 1	1
CSG-128 Intermediate Game Development Programmer ‡.....	3
CSG-179 CSG API Programming ‡.....	4
TOTAL CREDITS: 29	

‡ Prerequisite required.
Program curriculum requirements are subject to change.

Current MATC students should consult their [Academic Program Plan](#) for specific curriculum requirements.

Possible Careers

- Unity Programmer
- Unity Developer
- Unity Software Engineer
- Unity Game Developer
- Unity App Developer
- Unity Web Developer

Related Programs

- Computer Simulation and Gaming
- Animation



10% Post Consumer Recycled



matc.edu or 414-297-MATC
Wisconsin Relay System 711

Downtown Milwaukee Campus
700 West State Street

Mequon Campus
5555 West Highland Road

Oak Creek Campus
6665 South Howell Avenue

West Allis Campus
1200 South 71st Street

**MATC Education Center
at Walker’s Square**
816 West National Avenue, Milwaukee