



# AUTOMOTIVE LEARNING JOURNEYS

The journey to learning Unity starts with gaining basic skills, then learning how to apply those skills, to advancing to a confident Unity Creator. Click on where you are at in your Unity learning journey to see the offerings, certifications, jobs and skills you can expect as you move along each stage of learning Unity.

Click on a learning experience to discover your Unity learning journey.

LEARNING UNITY BASICS

## BEGINNER GENERALIST LEARNING EXPERIENCES

Associate Certification



APPLYING UNITY SKILLS

## INTERMEDIATE DESIGNER & DEVELOPER LEARNING EXPERIENCES

Professional Certifications



*Unity Certified 3D Artist*



*Unity Certified Programmer*

ADVANCING WITH UNITY



ADVANCED DESIGNER & DEVELOPER LEARNING EXPERIENCES



# AUTOMOTIVE LEARNING JOURNEYS

The journey to learning Unity starts with gaining basic skills, than learning how to apply those skills, to advancing to a confident Unity Creator. Click on where you are at in your Unity learning journey to see the offerings, certifications, jobs and skills you can expect as you move along each stage of learning Unity.

## LEARNING UNITY BASICS

## APPLYING UNITY SKILLS

Assess your learning and decide which path you wish to pursue next. Use this recommended group of courses and workshops to gain skills to start on a career path as an entry-level Unity Generalist.



### IDEAL FOR THE FOLLOWING JOB TITLES

Visualization Specialist, VR Specialist, VR Manager, Engineering Manager, Product Engineer, Design Manager, Product Designer, Industrial Designer

## BEGINNER GENERALIST LEARNING EXPERIENCES

### Preparing CAD assets for Unity with PiXYZ Studio Workshop

Learn the process of preparing CAD assets for use in the Unity engine using PiXYZ Studio and how to set up simple scenes with imported assets.

### Preparing design assets for Visualizations in Unity Workshop

Learn how to properly import and configure assets using PiXYZ studio, and with them, create simple but beautifully rendered scenes in Unity.

### Developing "auto short films" with Unity Workshop (Coming June 2019)

Learn how to use Unity's cinematography tools to create film quality shorts for commercials or visualizations.

### Introduction to XR: VR, AR, and MR Foundations Course

Learn about VR and AR development in Unity while developing a concept for your own XR application.

### 3D Interactive Development Workshop

Learn how to create high quality 3D interactions in Unity.

### Introduction to Automotive Design Visualization Workshop

Automotive artists and designers will learn the basics of Unity to import CAD Models with PiXYZ and create beautiful 3D models and renderings for automotive industry specific content.

 Instructor-led Workshop

 Self-paced courses for resale

### SKILL COMPETENCIES



Asset management, UI implementation, Navigation workflows, C# Programming basics, Basic Animation, Basic Materials & Effects, 2D & 3D Tool workflows, Lighting workflows, Physics workflows, Audio workflows, VR scenes & objects workflows



# AUTOMOTIVE LEARNING JOURNEYS

The journey to learning Unity starts with gaining basic skills, than learning how to apply those skills, to advancing to a confident Unity Creator. Click on where you are at in your Unity learning journey to see the offerings, certifications, jobs and skills you can expect as you move along each stage of learning Unity.

## LEARNING UNITY BASICS

## APPLYING UNITY SKILLS

Assess your learning and decide which path you wish to pursue next. Use this recommended group of courses and workshops to gain skills to continue as an intermediate-level Unity Professional.



### IDEAL FOR THE FOLLOWING JOB TITLES

Visualization Specialist, VR Specialist, VR Manager, Engineering Manager, Product Engineer, Design Manager, Product Designer, Industrial Designer

## INTERMEDIATE DESIGNER & PROGRAMMER LEARNING EXPERIENCES

**Unity Certified 3D Artist Exam Prep Workshop**  
Prepare for the Unity 3D Artist Exam by making a real-time 3D application.

**Unity Certified Programmer Exam Prep Workshop**  
Prepare for the Unity Certified Programmer exam by completely coding challenges.

**Rendering in Unity for Turntables and Print on Demand Workshop (Coming June 2019)**  
Learn how to maximize visual quality in Unity for print quality imagery, and how to render stills from the editor.

**XR Visualization in Unity Workshop (Coming June 2019)**  
Learn how to create your own XR in Unity, specifically for developing VR visualizations.

**Introduction to the LWRP for VR/AR**  
earn how to create optimized materials and lighting for AR/VR projects.

**Mobile VR App Development with Unity Course**  
Learn Mobile VR development skills that will enable you to create high-performance applications for platforms like Samsung Gear VR, Google Daydream, and Oculus Go.

**Unity Certified Programmer Exam Prep Course**  
Prepare for the Unity Certified Programmer exam by completely coding challenges.

**Unity Certified 3D Artist Exam Prep Course**  
Prepare for the Unity 3D Artist Exam by making a real-time 3D application.

**Handheld AR App Development with Unity Course**  
Learn how to use Unity's AR Foundation package to create applications for iOS and Android platforms while building a functioning Unity project with code you can re-use for any future AR project work.

○ Instructor-led Workshop

◇ Self-paced courses for resale



### UNITY CERTIFIED 3D ARTIST

With this professional certification, you'll be ready to compete for jobs across industries—from games to film to automotive and more.



### UNITY CERTIFIED PROGRAMMER

Programmers across all industries validate their abilities and demonstrate their commitment to professional standards.



### SKILL COMPETENCIES

Character development, Animation workflows, Prototyping workflows, Particle & effects workflows, Physics Workflows, Optimization workflows, 3D Rendering workflows, Rigging Fundamentals, Lighting workflows, DCC workflows, Designing for VR UI/UX, Software Development basics