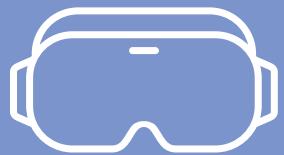




MENU



AR/VR/MR

ABOUT THE PROGRAM



Students will be broken into separate teams to develop their first holographic application using the Microsoft HoloLens, the first ever Holographic Computer. Students will learn how to use a multitude of programs such as Unity and Maya. In addition, students will learn computer languages such as C# and learn about emerging technology and how it will impact us in the future.

LEARNING OBJECTIVES

UNITY 3D / UNREAL ENGINE



ARCORE / ARKIT



C# AND C++ PROGRAMMING



JAVASCRIPT



OTHER



STANDARDS AND CERTIFICATIONS

TSI XR EXPERT

9-12.IC.1 - 7

9-12.IC.1 - 12

9-12.DL.1 - 6

CD.L1:6-01

11-12.Rl.4

1.SL.1

CPP.L1:3-02

CT.L2:1

Cl.L1:6-02

1B-AP-11

TOOLS USED

Microsoft Hololens 2

Meta Quest 2

TSI App Suite

Magic Leap One

UE5

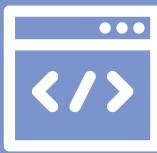
Unity 3D

Canva Pro

Cisco Netacad

CoSpaces EDU

TSI AR Editor



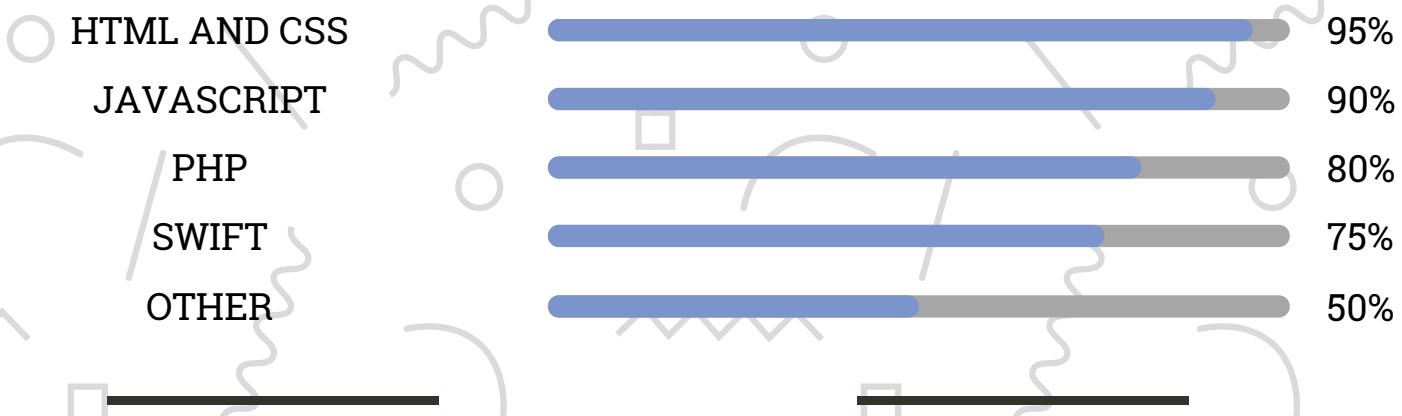
WEB DESIGN AND CODING

ABOUT THE PROGRAM

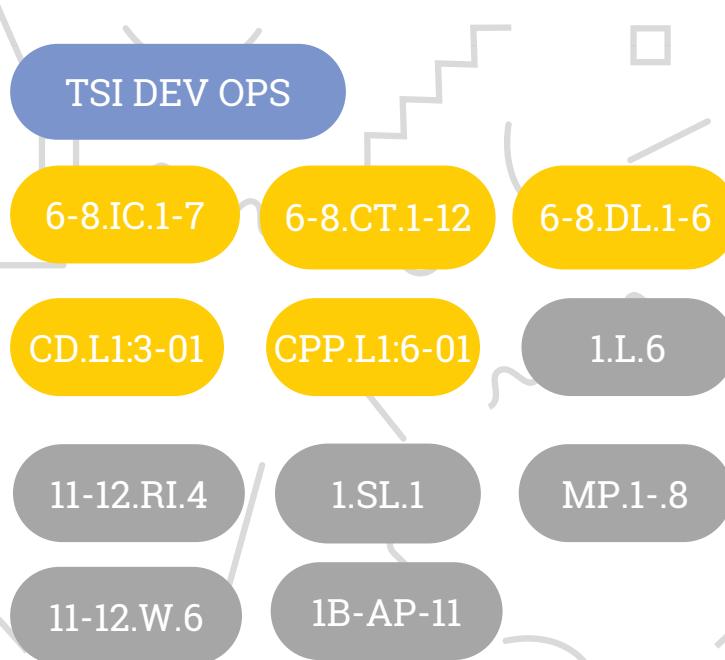
Web Design Decoded is a program that will allow students to create their own personal websites. The platforms that they will use are intuitive and easy to use. Giving students the ability to learn code in a more efficient and fun way. Students will also dive into the world of app development, create and publish their own apps. Our platforms give students the proper tools to be the best entrepreneur they can be.



LEARNING OBJECTIVES



STANDARDS AND CERTIFICATIONS



TOOLS USED

TSI App Suite
Appify
xCode
Android Studio
Microsoft Hololens 2
Meta Quest 2
Magic Leap One
Canva Pro
Cisco Netacad
CoSpaces EDU



ENTREPRENEURSHIP

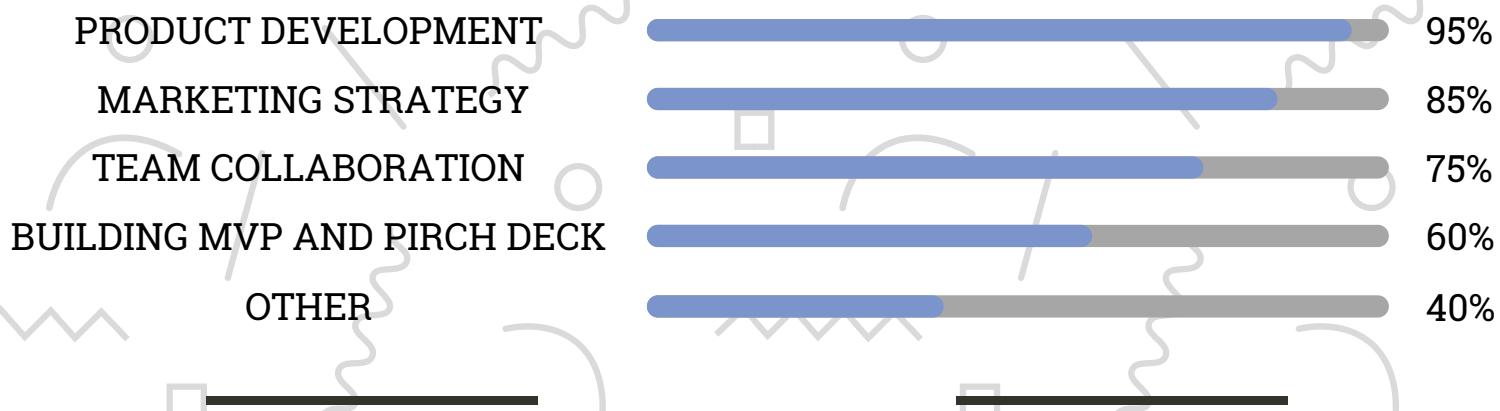
ABOUT THE PROGRAM



This course reveals the industry expectations of present-day companies. Students will receive real company roles, have weekly board meetings, and learn how to collaboratively work on projects.

Entrepreneurship will prepare students for the future and build new skills on the way. Students get prepared for operating as a modern-day start-up and working to deliver a real-life product

LEARNING OBJECTIVES



STANDARDS AND CERTIFICATIONS

CISCO ENTREPRENEURSHIP

9-12.IC.1-7

9-12.CT.1-12

9-12.DL.1

ETS1

11-12.RI.4

MP.1-.8

2.SL.1 - Speaking & Listening

1.SL.1

TOOLS USED

TSI App Suite

Adobe Creative Suite

Appify

xCode

Android Studio

Microsoft Hololens 2

Meta Quest 2

Canva Pro

Cisco Netacad



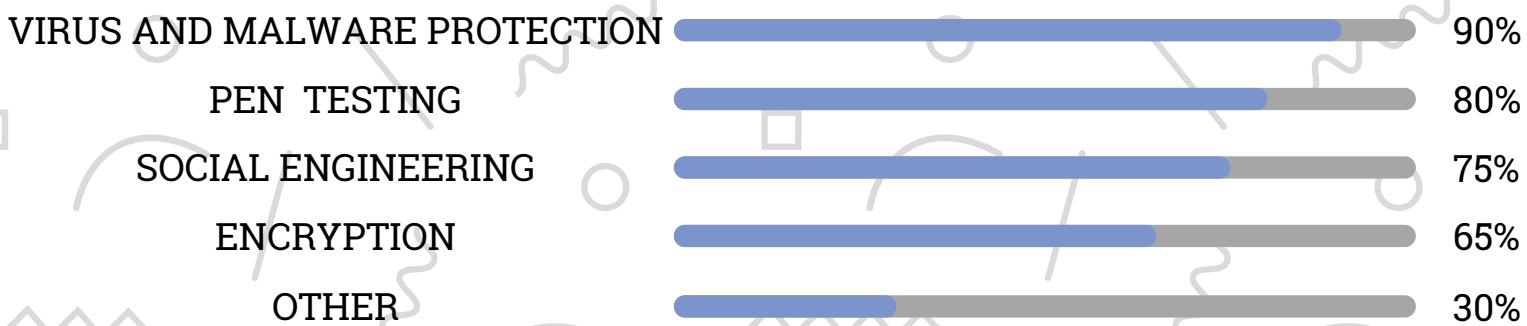
CYBERSECURITY

ABOUT THE PROGRAM

Project Security Essentials series includes lessons in Hacking Email, Hacking Websites, and Hacking Passwords. It will teach you how to make yourself much safer online as well as prepare you with the techniques needed for professional penetration testing and hacking. Students will also get an opportunity to work with modern cybersecurity tools and networking equipment. Exercises in protecting self during a cyberattack are simulated.



LEARNING OBJECTIVES



STANDARDS AND CERTIFICATIONS



TOOLS USED

TSI App Suite
Network Switches
Routers
Raspberry Pi
Kali Linux Devices
Appify
Microsoft Hololens 2
Meta Quest 2
Canva Pro
Cisco Netacad



3D MODELING

ABOUT THE PROGRAM



Students are exposed to industry standards and platforms which allow them to delve deeper into the conceptual and practical aspects of creating professional-grade animations. Students are exposed to the new field of virtual production, motion capture, 3d scanning, and modeling. Throughout the course, students work on creating their own animated short film, learning the basics of production in the process.

LEARNING OBJECTIVES



STANDARDS AND CERTIFICATIONS

TSI VIRTUAL PRODUCTION

UE EXPERT

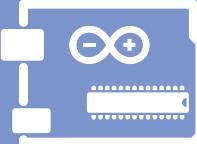
CL.L:6-02

11-12.RI.4

CPP.L1.6-01

TOOLS USED

TSI App Suite
UE5
iClone
Character Creator 4
Blender
Perception Neuron Mocap
Microsoft Hololens 2
Meta Quest 2
Canva Pro
Cisco Netacad



CONNECTED DEVICES

ABOUT THE PROGRAM

Students learn about the world of connected devices. Working with technology such as Raspberry Pi and Arduino to create real-life solutions. Internet of Things also teaches students about the power of networking and creativity, bridging the devices they use with the latest project based activities. Students also incorporate elements of 3D design and product development as they create their own devices/solutions.



LEARNING OBJECTIVES



STANDARDS AND CERTIFICATIONS

TSI CONNECTED THINGS

CISCO IOT

9-12.DL.1

9-12.IC.1 - 7

CL.L:6-02

TOOLS USED

TSI App Suite
Raspberry Pi
Arduino
Custom Sensors
Smart Home Devices
Microsoft Hololens 2
Meta Quest 2
Canva Pro
Cisco Netacad



PARENT ACADEMY

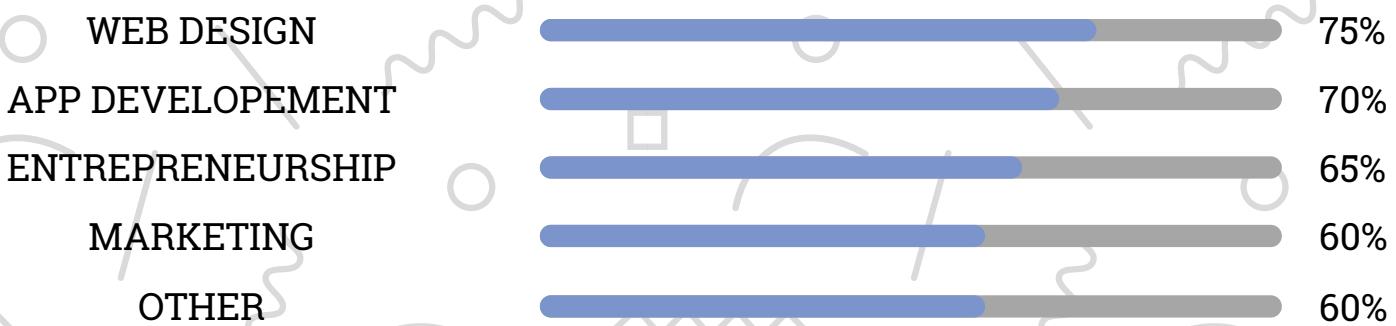
ABOUT THE PROGRAM

TSI Parent Academy gives adults the opportunity to learn entrepreneurship, web, and app development.

Participants work on establishing a business, creating websites and applications as well as building a social media presence by creating digital content. All participants receive a Cisco and TSI certification recognized industry wide.



LEARNING OBJECTIVES



STANDARDS AND CERTIFICATIONS

TSI ENTREPRENEURSHIP

CISCO BYOB

TSI DEV OPS

TOOLS USED

TSI App Suite
Digital Ocean
cPanel
Private Servers
WordPress
Appify
Canva Pro
Cisco Netacad