zSpace

Career Clusters supported by zSpace

Agriculture, Food, & Natural Resources

zSpace Studio   VIVED Science   Human Anatomy Atlas   Tinkercad   Wave NG Welding   VR Canine Anatomy Training System

Agribusiness Systems
Animal Systems
Environmental Service Systems
Food Products and Processing Systems
Natural Resources Systems
Plant Systems
Power, Structural, and Technical Systems

Common Agricultural Standards

01.0   Investigate and utilize basic scientific skills and principles in plant science
02.0   Investigate and utilize basic scientific skills and principles in animal science
03.0   Demonstrate the use of agriscience tools, equipment, and instruments
04.0   Demonstrate agribusiness, employability, and human relation skills

Perkins Industry Certifications*

Agritechnology Specialist Certification   Agricultural Education Services and Technology Inc.
Agricultural Mechanics Specialist Certification   Agricultural Education Services and Technology Inc.
Certified Veterinary Assistant (CVA)

* zSpace hardware runs Windows 10 and allows you to run most Microsoft, Adobe, Autodesk, Mastercam, or web-based software depending on version history

Career Clusters supported by zSpace

Hospitality & Tourism

zSpace
Studio

Tinkercad

Lodging
Recreation, Amusements, and Attractions
Restaurants and Food/ Beverage Services
Travel and Tourism

Common Hospitality & Tourism Standards

01.0   Examine communication and technology skills in the hospitality and tourism industry
02.0   Examine the guest cycle process
03.0   Examine economic principles relating to the hospitality and tourism industry
04.0   Identify and describe the organizational structures and operations within various industry properties

Perkins Industry Certifications*

National ProStart Certificate of Achievement
Certified Food Protection Manager (ServSafe®)
Certified Food Safety Manager

National Restaurant Association Educational Foundation
National Restaurant Association Educational Foundation
National Registry of Food Safety Professionals

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Architecture & Construction

zSpace Studio   Tinkercad   Wave NG Welding

Construction
Design/ Pre-Construction
Maintenance/ Operations

Perkins Industry Certifications*

Autodesk Certified User - AutoCAD	Autodesk
Autodesk Certified User - Revit Architecture	Autodesk
Autodesk Certified Professional - AutoCAD	Autodesk
Autodesk Certified Professional - AutoCAD Civil 3D	Autodesk
Autodesk Certified Professional - Revit Architecture	Autodesk
Autodesk Certified Professional - 3ds Max	Autodesk
Autodesk Certified User - 3ds Max	Autodesk

Human Services

zSpace Studio   VIVED Science   Tinkercad

Early Childhood Development and Services
Family and Community Services
Personal Care Services

Perkins Industry Certifications*

Certified Personal Trainer	American College of Sports Medicine
NASM Certified Personal Trainer (CPT)	National Academy of Sports Medicine

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Arts, A/V Technology, & Communications

zSpace Studio   Leopoly Maker   Tinkercad

A/V Technology and Film
Performing Arts
Printing Technology
Visual Arts

Perkins Industry Certifications*

Adobe Certified Expert (ACE) - After Effects	Adobe Systems
Adobe Certified Expert (ACE) - Illustrator	Adobe Systems
Adobe Certified Expert (ACE) - InDesign	Adobe Systems
Adobe Certified Expert (ACE) - Photoshop	Adobe Systems
Adobe Certified Expert (ACE) - Premiere Pro Adobe Certified	Adobe Systems
Associate (ACA) - Dreamweaver Adobe Certified	Adobe Systems
Associate (ACA) - Flash/Animate Adobe Certified	Adobe Systems
Expert (ACE) - Acrobat	Adobe Systems

Information Technology

zSpace Studio   Leopoly Maker   Unity Programming for zSpace   Tinkercad   BlocksCAD3D   Industrial Robotics Expert   Industrial Robotics Mechanic

Information Support and Services Network
Systems
Programming and Software Development
Web and Digital Communications

Perkins Industry Certifications*

Apple Certified Support Professional	Apple, Inc
Cisco Certified Entry Network Technician (CCENT)	Cisco Systems, Inc.
CompTIA A+	Computing Technology Industry Association (CompTIA)
CompTIA Linux	Computing Technology Industry Association (CompTIA)
CompTIA Network++	Computing Technology Industry Association (CompTIA)
Microsoft Office Specialist Master	Microsoft Corporation

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Career Clusters supported by zSpace

Law, Public Safety, Corrections, & Security

Emergency and Fire Management Services

VIVED Science

Visible Body Human Anatomy Atlas

Virtual ECG

Perkins Industry Certifications*

911 Public Safety Telecommunicator
Fire Fighter I - Emergency Medical Responders

Manufacturing

Maintenance, Installation, and Repair
Manufacturing Production Process Development
Production
Quality Assurance

zSpace Studio

Franklin's Lab

Advanced Manufacturing Hydraulics

Advanced Manufacturing Mechanical

Industrial Robotics Expert

Industrial Robotics Mechanic

Industrial Robotics Pneumatics

Tinkercad

Wave NG Welding

Perkins Industry Certifications*

Certified Welder	American Welding Society
Biotechnician Assistant	
Precision Sheetmetal Operator - Level I (PSMO)	Fabricators and Manufacturers Association, International (FMA)
CNC Production Specialist	IHK-Bildungszentrum
NCCER Welding - Level 1 (Secondary)	National Center for Construction Education and Research (NCCER)
NCCER Welding - Level 2 (Secondary)	National Center for Construction Education and Research (NCCER)

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Career Clusters supported by zSpace

Marketing

zSpace Studio   Tinkercad

Marketing Communications
Merchandising

Perkins Industry Certifications*

Adobe Certified Expert (ACE) - After Effects	Adobe Systems
Adobe Certified Expert (ACE) - Illustrator	Adobe Systems
Adobe Certified Expert (ACE) - InDesign	Adobe Systems
Adobe Certified Expert (ACE) - Photoshop	Adobe Systems
Adobe Certified Expert (ACE) - Premiere Pro	Adobe Systems
Adobe Certified Associate (ACA) - Dreamweaver	Adobe Systems
Adobe Certified Associate (ACA) - Flash/Animate	Adobe Systems
Adobe Certified Expert (ACE) - Acrobat	Adobe Systems

Science, Technology, Engineering, & Mathematics

zSpace Studio   Franklin's Lab   Tinkercad

Engineering and Technology
Science and Mathematics

Perkins Industry Certifications*

Industrial Robotics Pneumatics   Industrial Robotics Expert   Industrial Robotics Mechanic   Advanced Manufacturing Hydraulics   Advanced Manufacturing Mechanical

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Career Clusters supported by zSpace

Health Science/ Allied Health

zSpace Studio   VIVED Science   VIVED Anatomy   Visible Body Human Anatomy Atlas   Virtual ECG

Biotechnology
Health Information
Sports Medicine
Support Services
Therapeutic Services

Perkins Industry Certifications*

Certified Medical Assistant (CMA)	American Association of Medical Assistants
Registered Phlebotomy Technician (RPT)	American Medical Technologists (AMT)
Certified Phlebotomy Technician	American Society of Phlebotomy Technicians
Certified Nursing Assistant (CNA)	
Emergency Medical Responder	International EMS Registry
Certified Health Unit Coordinator (CHUC)	National Association of Health Unit Coordinators, Inc.
Certified EKG Technician (CET)	National Healthcareer Association
Certified Medical Administrative Assistant (CMAA)	National Healthcareer Association
Certified Patient Care Technician (CPCT)	National Healthcareer Association
Certified Phlebotomy Technician (CPT)	National Healthcareer Association
Certified Pharmacy Technician (CPhT)	National Healthcareer Association
Certified Electronic Health Record Specialist (CEHRS)	National Healthcareer Association
National Licensed Practical Nurse (NCLEX-PN)	National Council of State Boards of Nursing
Emergency Medical Technician (EMT)	National Registry of Emergency Medical Technicians
Emergency Medical Responder (EMR)	National Registry of Emergency Medical Technicians
Pharmacy Technician	Pharmacy Technician Certification Board

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Career Clusters supported by zSpace

Transportation, Distribution, & Logistics

Facility and Mobile Equipment Maintenance
Health, Safety, and Environmental Management
Transportation Operations
Transportation Systems/ Infrastructure Planning, Management, and Regulation

zSpace Studio

Franklin's Lab

VIVED Science

VR Automotive Expert

VR Automotive Mechanic

Wave NG Welding

Perkins Industry Certifications*

ASE Master Automobile Technician	National Institute for Automotive Service Excellence
ASE Master Medium/Heavy Truck Technician	National Institute for Automotive Service Excellence
ASE Automobile/Light Truck Technician: Automatic Transmission/Transaxle (A2)	National Institute for Automotive Service Excellence
ASE Automobile/Light Truck Technician: Brakes (A5)	National Institute for Automotive Service Excellence
ASE Automobile/Light Truck Technician: Electrical/Electronic Systems (A6)	National Institute for Automotive Service Excellence
ASE Automobile/Light Truck Technician: Engine Performance (A8)	National Institute for Automotive Service Excellence
ASE Automobile/Light Truck Technician: Engine Repair (A1)	National Institute for Automotive Service Excellence
ASE Automobile/Light Truck Technician: Heating and Air Conditioning (A7)	National Institute for Automotive Service Excellence
ASE Automobile/Light Truck Technician: Manual Drive Train and Axles (A3)	National Institute for Automotive Service Excellence
ASE Automobile/Light Truck Technician: Suspension and Steering (A4)	National Institute for Automotive Service Excellence
ASE Medium/Heavy Truck Technician: Brakes (T4)	National Institute for Automotive Service Excellence

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