

YouScience® Industry Certifications

YouScience offers more than 200 industry-recognized certification exams in all National Career Clusters. Certifications validate the skills and knowledge students learn in career and technical education (CTE) courses. They also let educators support stackable credentials and pretests and posttests to measure student growth, drive program improvements, and easily meet and report on funding requirements.

21st Century Skills

21st Century Success Skills
General Financial Literacy
Preparing for College and Careers

Advanced Manufacturing

3D Print Technology
Engineering Principles 1
Engineering Principles 2
Engineering Technology
Machining 1
Machining 2
Machining 3
Manufacturing Principles 1
Manufacturing Technology
Material Science
Mechanical Design 1
Mechanical Design 2
Mechanical Design 3
Non-Destructive Testing
Robotics 1
Robotics 2
Welding Technician 1
Welding Technician 2
Welding Technician 3

Agriculture

Agricultural Biology
Agricultural Machinery Technology
Agricultural Mechanics and Technology 1
Agricultural Mechanics and Technology 2
Agricultural Mechanics, Advanced
Agricultural Science 1
Agricultural Science 2
Agricultural Science 3
Animal Science 1
Animal Science 2
Aquaculture
Equine Science
Floriculture
Floriculture, Advanced
Floriculture and Greenhouse Management
Food Production and Processing
Foundations of Nutrition
Greenhouse Management
Guide Dog Training
Landscape Management
Natural Resource Science 1
Natural Resource Science 1A
Natural Resource Science 2
Nursery Operation
Plant and Soil Science 1
Plant and Soil Science 2
Small Companion Animal Science

Veterinary Assistant 1
Veterinary Assistant 2

Arts, Entertainment, & Design

3D Animation 1
3D Animation 2
3D Graphics
3D Graphics 2
3D Print Technology
Architectural Design 1
Architectural Design 2
Architectural Design 3
Business Web Page Design 1
Business Web Page Design 2
Commercial Art 1
Commercial Art 2
Commercial Art 3
Commercial Photography 1
Commercial Photography 2
Desktop Publishing 1
Desktop Publishing 2
Digital Audio 1
Digital Audio 2
Digital Media 1
Digital Media 2
Digital Media, Advanced
Digital Print Design
Fashion Design Merchandising 1
Fashion Design Merchandising 2
Fashion Design Studio
Film Photography
Game Development Fundamentals 1
Game Development Fundamentals 2
Graphic Print Design 1
Graphic Print Design 2
Graphic Print Design 3
Interior Design 1
Interior Design 2
Interior Design 3
Radio Production 1
Radio Production 2
Sewing Construction and Textiles 1
Sewing Construction and Textiles 2
Sewing Construction and Textiles 3
Sports and Outdoor Product Design 1
Sports and Outdoor Product Design 2
Television Broadcasting 1
Television Broadcasting 2
Textile Technology (Pilot)
Video Production 1
Video Production 2

Construction

Architectural Design 1
Architectural Design 2

Architectural Design 3
Commercial Art 3
Construction Trades Foundation
Electronics, Introduction
Digital Electronics
HVAC-R
Plumbing
Residential Construction
Welding Technician 1
Welding Technician 2
Welding Technician 3
Woodworking, Beginning
Woodworking, Intermediate
Woods 3

Digital Technology

Algorithms and Data Structures
Biotechnology
Business Office Specialist
Business Web Page Design 1
Business Web Page Design 2
Cloud Computing 1 (Pilot)
Cloud Computing 2 (Pilot)
Computer Programming 1
Computer Programming 2 (C#)
Computer Programming 2 (C++)
Computer Programming 2 (Java)
Computer Programming 2 (Python)
Computer Programming, Advanced
Computer Science Principles
Computer Systems 1
Computer Systems 2
Computer Technology 1
Computer Technology 2
Cyber Forensics
Database Development (Pilot)
Digital Business Applications
Digital Electronics
Exploring Computer Science
Game Development Fundamentals 1
Game Development Fundamentals 2
Introduction to Information Technology & Cybersecurity
Linux Fundamentals
Mobile Development Fundamentals
Network Fundamentals
Non-Destructive Testing
Physics with Technology
Principles of Cyber Defence and Ethics
UAS: Design and Maintain (Pilot)
UAS: Remote Pilot Certification (Pilot)
UAS: Introduction to Drones (Pilot)
Web Development 1
Web Development 2

Education

Child Development
Early Childhood Education 1
Early Childhood Education 2
Early Childhood Education 3
Human Development
Teaching as a Profession 1
Teaching as a Profession 2
Teaching as a Profession 3

Energy & Natural Resources

Aquaculture
Natural Resource Science 1
Natural Resource Science 1A
Natural Resource Science 2

Financial Services

Accounting 1
Accounting 2
Accounting 3
Adult Roles and Financial Literacy
Banking and Finance
Economics
Exploring Business, Finance and Marketing
General Financial Literacy
Investing and Wealth Management
Personal and Family Finance
Personal Financial Responsibility
Real Estate
Small Business Math

Government & Public Administration

Business Leadership 1
Business Leadership 2
Economics

Healthcare & Human Services

21st Century Success Skills
Adult Roles and Financial Literacy
Adult Roles and Responsibilities
Behavioral Health, Introduction
Biotechnology
Child Development
Clinical Laboratory Technology
Dental Assistant – Dental Science 1
Dental Assistant – Dental Science 2
Dental Assistant – Dental Science 3
Dietetics and Nutrition 1
Emergency Medical Technician (EMT)
Exercise Science and Sports Medicine
Food and Nutrition
Foundations of Nutrition (Pilot)
General Financial Literacy
Guide Dog Training
Health Science, Introduction
Human Development
Individual and Family Relationships
Medical Anatomy and Physiology

Medical Anatomy and Physiology, Advanced
Medical Assisting – Anatomy and Physiology
Medical Assisting – Clinical and Laboratory Procedures
Medical Assisting – Medical Office Management
Medical Assisting – Medical Terminology
Medical Forensics
Medical Math (Pilot)
Medical Terminology
Nursing Assistant
Nutrition and Wellness
Physical Therapy, Introduction
Preparing for College and Careers

Hospitality, Events, & Tourism

Baking and Pastry
Culinary 1
Culinary 2
Culinary 3
Customer Service
Dietetics and Nutrition 1
Event Planning and Management
Floriculture
Food and Nutrition
Foundations of Nutrition (Pilot)
Hospitality and Tourism
Lodging and Recreation
Sports and Entertainment Marketing
Sports and Outdoor Recreation Marketing

Law, Public Safety, Corrections, & Security

Criminal Justice 1
Criminal Justice 2
Criminal Justice Fundamentals
Emergency Medical Technician (EMT)
Fire Science
Law Enforcement

Management & Entrepreneurship

Accounting 1
Business Communication 1
Business Communication 2
Business Concepts
Business Law
Business Leadership 1
Business Leadership 2
Business Management
Business Office Specialist
Business Web Page Design 1
Business Web Page Design 2
Digital Business Applications
Entrepreneurship
Exploring Business, Finance and Marketing
Investing and Wealth Management
Small Business Math
Word Processing

Marketing & Sales

Business Leadership 1
Business Leadership 2
Customer Service
Desktop Publishing 1
Desktop Publishing 2
Digital Marketing
Digital Media 1
Digital Media 2
Digital Media, Advanced
Exploring Business, Finance and Marketing
Influencer and Content Marketing
Marketing 1
Marketing 2
Marketing Fundamentals
Real Estate
Retailing
Sports and Entertainment Marketing
Sports and Outdoor Recreation Marketing

Supply Chain & Transportation

Automotive Services, Introduction
Basic Automotive Collision Repair
Private Pilot
Small Engine Repair
UAS: Design and Maintain (Pilot)
UAS: Remote Pilot Certification (Pilot)
UAS: Introduction to Drones (Pilot)

National Consortium for Health Science Education (NCHSE) Health Science Exams*

National Health Science Certificate
Foundations of Healthcare Professions
Essential Healthcare Practices
Human Structure Function Disease A
Human Structure Function Disease B

State-Specific Exams

Cosmetology (NY)
Electrical Construction (NY)
Heavy Equipment Repair and Operation (NY)
Masonry (NY)
Sports Conditioning and Exercise Science (NY)
Natural Resource Science 101 (MN)
Texas TEKS-Aligned Exams (TX)
Utah CTE Strands and Standards (UT)

Exams in pilot status are under evaluation and not eligible for certification this academic year. Status is reviewed and updated annually.

*NCHSE exams can be purchased as an add-on to any site license. Individual bundles and exams can also be purchased separately.

Scan to access the
knowledge standards
for each exam.

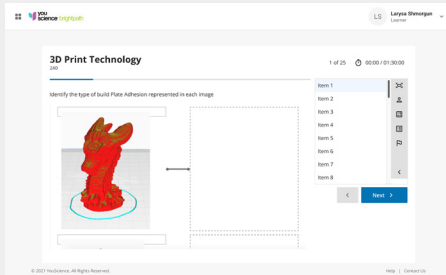
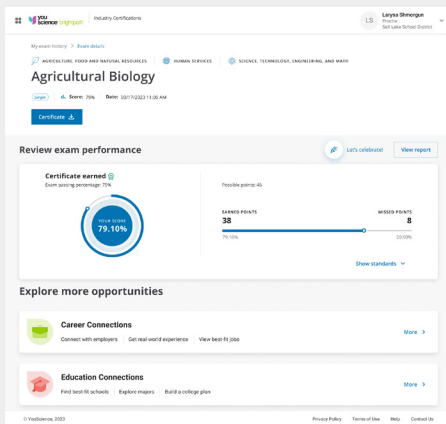




Industry Certifications

Included in the YouScience® Brightpath platform

YouScience® Industry Certifications prepares students for career and life success with proof of in-demand skills and credentials that employers value.



Key benefits for students

Industry Certifications give students low-risk, high-reward ways to explore areas of interest by providing:



Tangible proof: Provides students with a way to prove that they have the skills and knowledge that potential future employers are seeking



Personalized e-portfolio: Provides students with a centralized location to store their YouScience certifications, making them easier to find and share



Increased relevancy: As students earn new certifications, the YouScience algorithm can help them better find future colleges, trade schools, career paths, and employers relevant to their skills and goals

Key benefits for educators

Industry Certifications give educators, CTE directors, and administrators useful tools, curricula and resources to help students make progress along career paths:



Industry standards: Because Industry Certifications align with the latest industry standards, educators can be confident in the rigor of curriculum and exams



Comprehensive library: Enables educators to choose from more than 200 industry-recognized certifications covering all national career clusters and soft skills



Leading curriculum alignment: Aligns with course and curriculum from leading publisher partners, including Goodheart-Wilcox, National Geographic | Cengage, Pearson, B.E. Publishing and more



Built-in reporting: District-level reporting capabilities support Perkins V program requirements, measures student growth, and provides results by standards to drive program pacing and improvements



Remote proctoring: Gives educators options to have an extra set of eyes to proctor exams for increased flexibility and security



SCAN THE QR CODE

Learn more about how Industry Certifications and Brightpath enable student success

