

# PRECISION EXAMS

by youscience

## The Complete Career and Technology Education System

Curriculum, certification and performance reporting meet industry-leading instructional materials.

# High-quality, industry-aligned Career and Technical Education exams at the course level, that help your students validate the knowledge and skills they have gained in the classroom.

Precision Exams builds exams from business insights. They meet regularly with industry experts to learn what businesses expect from their workforce and listen to subject-matter experts from various industries to keep knowledge standards up to date and relevant to today's jobs.

## Next-Level Education:

EVALUATE STUDENT GROWTH, PROMOTE PROGRAM IMPROVEMENT, MEET PERKINS' REQUIREMENTS

### Library of 170 + Industry-Aligned Career & Technical Education Exams

- Exams across all 16 National Career Clusters and 21st Century Skills
- Stackable end-of-course and end-of-program capstone certifications

### Instant Detailed Reporting

- Standards-level detail to help program improvement
- Pre-post assessment to measure student academic growth

### 100% Online Exam Delivery System

- A proctor can be testing an entire class in under 5 minutes

### Electronic Certificate Fulfillment

- Students can earn an industry-validated certificate with the industry standards listed on back of the certificate

### Varied Question Formats

- Drag and drop, multiple choice, grouping, labeling, ordering, multiple select and hot spot.

**Up-to-date knowledge standards reflect skills employers want.**

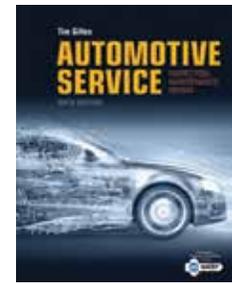
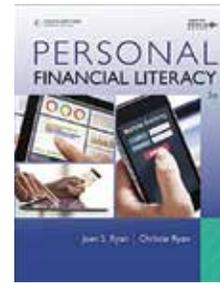
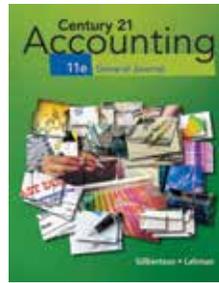
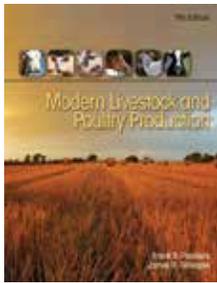
Precision Exams knowledge standards are updated and verified by industry every three years.





## Delivered with Well-Loved Curriculum and Technology

National Geographic Learning, a part of Cengage, has published Career and Technical Education (CTE) materials that correlate to state and national standards and industry trends for decades. Many of our long-loved titles are correlated to Precision Exams knowledge standards and more are being added every year. Our close partnership with Precision Exams pairs industry-backed certification and performance reporting with sound pedagogy and digital activities.



See all correlated titles at [Cengage.com/coursepages/CTE\\_PECorrelatedTitles](https://www.cengage.com/coursepages/CTE_PECorrelatedTitles)

## CENGAGE | MINDTAP

MindTap is the online solution for CTE courses with an interactive eBook, study and annotation tools, auto-graded assessment, data analytics and course-specific labs and simulations.



Correlated Cengage titles now include 1 Pre and 1 Post Exam associated with that title when you purchase a Student Edition + MindTap bundle.

*Exams expire 1 year after purchase.*



## Robust Data Analytics combined with Standards-Level Reporting

The MindTap gradebook and Progress App track student auto-graded activities completed throughout the course as well as student engagement with the course. Combined with Precision Exams standards-level reporting via Pre and Post exams, you can see the full picture of individual students and entire course competencies, opportunity growth areas, and how to improve your course.

### Teacher-Facing Reports:

The Exam Blueprint lists the standards of the exam and total points available. Then you see how each student fared on these standards in the Assessment Summary compared to the State Average.

Exam Blueprint												
Standard	Total Points					Standard	Total Points					
1-Therapeutic Careers	9					6-Injury and Healing	4					
2-Medical Terminology	10					7-Therapy and Rehabilitation	8					
3-Injury Prevention Principles	6					8-Sports Injuries	23					
4-Performance Enhancement Philosophies	12					9-Rehabilitation Techniques	8					
5-Sports Nutrition	8					10-Sports Psychology	5					

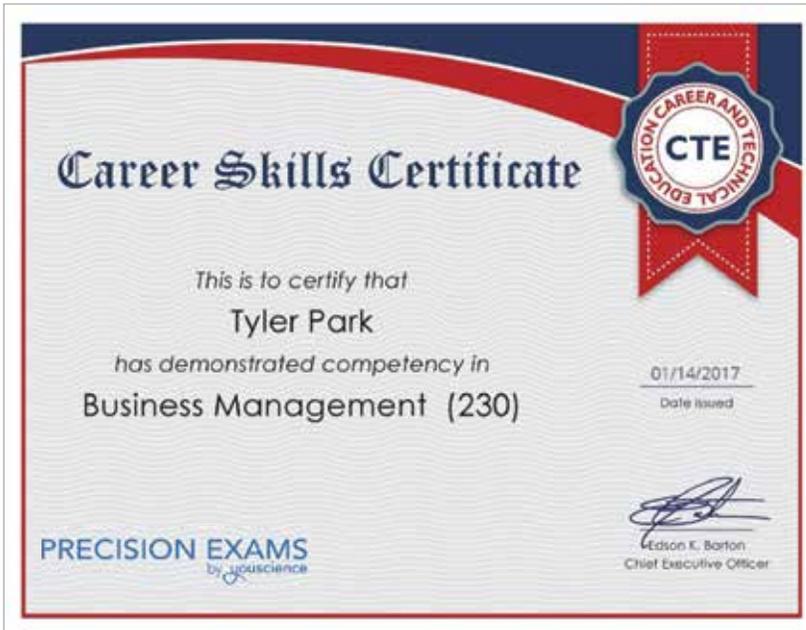
Assessment Summary												
Student Name	1	2	3	4	5	6	7	8	9	10	% Correct	Result
Student #1	78%	70%	50%	92%	63%	100%	63%	100%	50%	100%	80%	Pass
Student #2	78%	80%	100%	67%	88%	75%	100%	96%	75%	96%	86%	Pass
Student #3	78%	92%	100%	58%	79%	100%	100%	96%	88%	100%	88%	Pass
Student #4	78%	90%	50%	75%	100%	100%	63%	74%	75%	76%	77%	Fail
Student #5	100%	88%	100%	92%	63%	75%	88%	100%	88%	56%	89%	Pass
Summary	82%	84%	80%	77%	79%	90%	83%	93%	75%	86%	84%	
State Average	86%	89%	84%	76%	77%	88%	85%	90%	70%	74%	82%	

The Student Growth Report helps you meet SLO/SGO requirements.

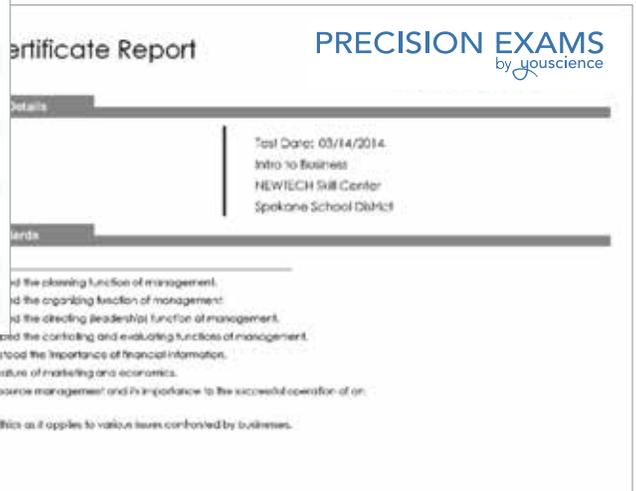
Student Growth Report												
Exam Name	Student	Pre					Post					% Change
		Date Taken	Exam Score	Points Possible	Student %	State %	Date Taken	Exam Score	Points Possible	Student %	State %	
Computer Technology	Student 1	8/11/15	17.11	60	29.00	53.52	12/15/15	39.75	60	66.00	70.11	37
Computer Technology	Student 2	8/11/15	40.90	60	68.00	53.52	12/15/15	50.50	60	84.00	70.11	16
Computer Technology	Student 3	8/11/15	38.17	60	64.00	53.52	12/15/15	56.33	60	94.00	70.11	30
Computer Technology	Student 4	8/11/15	23.09	60	38.00	53.52	12/15/15	46.67	60	78.00	70.11	40
Computer Technology	Student 5	8/11/15	35.21	60	59.00	53.52	12/15/15	52.67	60	88.00	70.11	29
Computer Technology	Student 6	8/11/15	47.03	60	78.00	53.52	12/15/15	54.17	60	90.00	70.11	12
Computer Technology	Student 7	8/11/15	24.75	60	41.00	53.52	12/15/15	53.33	60	89.00	70.11	48
Total			32.32	60.00	53.86	53.52		50.49	60.00	84.14	70.11	

## Student-Facing Report:

Students earn certificates with industry recognized standards listed on the back. The perfect tool to help them articulate what they have learned in class and add to their portfolio or résumé.



Student Certificate



Back of certificate lists knowledge standards passed

## MindTap Data Analytics

MindTap online courses include a full gradebook that includes scores on auto-graded and manually graded assessment and activities, as well as data analytics that track student engagement. Engagement scores are calculated by time spent in the course, # of logins, as well as % of activities accessed, including reading, study tools, media/video, assignments, and teacher-added resources.



MindTap Data Analytics via the Progress App

# Next-Level Certifications

THE HIGHEST QUALITY, EASIEST TO USE, AND MOST ECONOMICAL CERTIFICATION SYSTEM.

## You have several purchasing options!

**BEST VALUE-Site License: Unlimited Access of all Exams for all students per building**

- Bundle License: Unlimited Access of Exams in that Career Cluster (differentiated by red headings below)
- Student Edition + MindTap bundles: includes 1 Pre and 1 Post exam for that correlated title
- Individual Exams: 1 exam for 1 student

### **WORK READY - 21<sup>st</sup> CENTURY SKILLS BUNDLE**

21st Century Success Skills™  
General Financial Literacy

### **AGRICULTURE, FOOD & NATURAL RESOURCES BUNDLE**

#### **National Career Cluster:**

#### **Agriculture, Food & Natural Resources**

Agricultural Biology

- Agricultural Machinery Technology
- Agricultural Mechanics
- Agricultural Science I
- Agricultural Science II
- Agricultural Science III
- Agricultural Systems Technology I
- Agricultural Systems Technology II
- Animal Science I
- Animal Science II
- Aquaculture
- Biotechnology
- Equine Science
- Floriculture
- Floriculture and Greenhouse Management
- Food and Nutrition I
- Food and Nutrition II
- Greenhouse Management
- Landscape Management
- Machining I
- Machining II
- Natural Resource Science I
- Natural Resource Science IA
- Natural Resources Science II
- Nursery Operation
- Plant and Soil Science I
- Plant and Soil Science II
- Small and Companion Animal Science
- Veterinary Assistant
- Veterinary Technician
- Welding Technician I
- Welding Technician II
- Welding Technician III

### **ARCHITECTURE, CONSTRUCTION & MANUFACTURING BUNDLE**

#### **National Career Clusters:**

#### **Architecture & Construction**

#### **Manufacturing**

#### **Transportation, Distribution & Logistics**

- Automotive Collision Repair
- Automotive Service Fundamentals
- Cabinetmaking
- CAD Architectural Design I
- CAD Architectural Design II
- CAD Architectural Design III
- CAD Mechanical Design I
- CAD Mechanical Design II

- CAD Mechanical Design III
- Carpentry
- Construction Trades Foundation
- Electronics I
- Electronics II
- Engineering Principles I
- Engineering Principles II
- Engineering Technology
- Furniture Design and Manufacturing
- Industrial Design
- Interior Design I
- Interior Design II
- Interior Design III
- Machining I
- Machining II
- Manufacturing Principles I
- Manufacturing Technology
- Non-Destructive Testing
- Plumbing
- Robotics I
- Robotics II
- Small Engine Repair
- Welding Technician I
- Welding Technician II
- Welding Technician III
- Woodworking

### **ARTS, A/V TECHNOLOGY & COMMUNICATION BUNDLE**

#### **National Career Cluster:**

#### **Arts, A/V Technology & Communication**

- 3D Animation
- 3D Graphics
- Apparel Design and Production I
- Apparel Design and Production II
- Business Web Page Design I
- Business Web Page Design II
- Commercial Advertising and Art
- Commercial Photography
- Design and Visual Communications
- Desktop Publishing I
- Desktop Publishing II
- Digital Graphic Arts I
- Digital Graphic Arts II
- Digital Graphic Arts III
- Digital Marketing
- Digital Media IA
- Digital Media IB
- Digital Media II
- Digital Photography
- Digital Print Design
- Fashion Design Merchandising I
- Fashion Design Merchandising II
- Fashion Design Studio
- Film Photography
- Furniture Design and Manufacturing
- Industrial Design

- Interior Design I
- Interior Design II
- Interior Design III
- Television Broadcasting I
- Television Broadcasting II
- Textile Design Entrepreneurship
- Video Production I
- Video Production II

### **BUSINESS MANAGEMENT & ADMINISTRATION BUNDLE**

#### **National Career Cluster:**

#### **Business Management & Administration**

- Accounting I
- Accounting II
- Accounting III
- Banking and Finance
- Business Communication I
- Business Communication II
- Business Concepts
- Business Law
- Business Management
- Business Mathematics and Personal Finance
- Business Office Specialist
- Business Web Page Design I
- Business Web Page Design II
- Computer Technology I
- Computer Technology II
- Customer Service
- Desktop Publishing I
- Desktop Publishing II
- Digital Business Applications
- Digital Marketing
- Economics
- Entrepreneurship
- Exploring Business and Marketing
- General Financial Literacy
- Leadership Principles I
- Leadership Principles II
- Word Processing

### **STEM BUNDLE**

#### **National Career Cluster:**

#### **Science, Technology, Engineering & Mathematics**

- 3D Animation
- 3D Graphics
- Biotechnology
- CAD Architectural Design I
- CAD Architectural Design II
- CAD Architectural Design III
- CAD Mechanical Design I
- CAD Mechanical Design II
- CAD Mechanical Design III
- Computer Science Principles

- Electronics I
- Electronics II
- Engineering Principles I
- Engineering Principles II
- Engineering Technology
- Exploring Computer Science
- Manufacturing Principles I
- Manufacturing Technology
- Medical Forensics
- Non-Destructive Testing
- Physics with Technology
- Robotics I
- Robotics II
- Television Broadcasting I
- Television Broadcasting II
- Welding Technician I
- Welding Technician II
- Welding Technician II

### INFORMATION TECHNOLOGY BUNDLE

#### National Career Cluster: Information Technology

- 3D Animation
- 3D Graphics
- Business Office Specialist
- Business Web Page Design I
- Business Web Page Design II
- Computer Maintenance and Repair
- Computer Programming I
- Computer Programming IB (C#)
- Computer Programming IB (C++)
- Computer Programming IB (Java)
- Computer Programming IB (Python)
- Computer Programming II (C#)
- Computer Programming II (C++)
- Computer Programming II (Java)
- Computer Programming II (Python)
- Computer Programming, Advanced
- Computer Science Principles
- Computer Technology I
- Computer Technology II
- Database Development
- Desktop Publishing I
- Desktop Publishing II
- Digital Business Applications
- Digital Media IA
- Digital Media IB
- Digital Media II
- Exploring Computer Science
- Gaming Development Fundamentals
- Information Technology Fundamentals
- Mobile Development Fundamentals
- Network Fundamentals
- Web Development I
- Web Development II
- Word Processing

### MARKETING BUNDLE

#### National Career Clusters: Marketing Government & Public Administration

- Advertising and Promotion
- Business Concepts

- Business Management
- Business Web Page Design I
- Business Web Page Design II
- Commercial Advertising and Art
- Customer Service
- Design and Visual Communications
- Desktop Publishing I
- Desktop Publishing II
- Digital Business Applications
- Digital Marketing
- Digital Print Design
- Economics
- Entrepreneurship
- Event Planning and Management
- Exploring Business and Marketing
- Fashion Design Merchandising I
- Fashion Design Merchandising II
- Fashion Design Studio
- Hospitality and Tourism
- Leadership Principles I
- Leadership Principles II
- Lodging and Recreation
- Marketing Fundamentals
- Marketing I
- Marketing II
- Real Estate
- Retailing
- Sports and Entertainment Marketing

### HEALTH SCIENCE BUNDLE

#### National Career Cluster: Health Science

- Biotechnology
- Certified Nursing Assistant (CNA)
- Clinical Laboratory Technology
- Dental Assistant – Dental Science I
- Dental Assistant – Dental Science II
- Dental Assistant – Dental Science III
- Emergency Medical Technician (EMT)
- Exercise Science and Sports Medicine
- Food and Nutrition I
- Food and Nutrition II
- Health Science Fundamentals
- Medical Anatomy and Physiology
- Medical Assistant – Anatomy and Physiology
- Medical Assistant – Clinical and Laboratory Procedures
- Medical Assistant – Medical Office Mgmt.
- Medical Assistant – Medical Terminology
- Medical Forensics
- Medical Terminology
- Nutrition and Wellness
- Physical Therapy, Introduction

### HOSPITALITY & TOURISM BUNDLE

#### National Career Cluster: Hospitality & Tourism

- Advertising and Promotion
- Culinary Arts
- Culinary Management
- Customer Service
- Entrepreneurship

- Event Planning and Management
- Food and Nutrition I
- Food and Nutrition II
- Hospitality and Tourism
- Leadership Principles I
- Leadership Principles II
- Lodging and Recreation
- Marketing Fundamentals
- Marketing I
- Marketing II
- Nutrition and Wellness

### HUMAN SERVICES BUNDLE

#### National Career Clusters: Human Services Education & Training Law, Public Safety, Corrections & Security

- Adult Roles and Financial Literacy
- Adult Roles and Responsibilities
- Apparel Design and Production I
- Apparel Design and Production II
- Child Development
- Criminal Justice I
- Criminal Justice II
- Customer Service
- Early Childhood Education I
- Early Childhood Education IA
- Early Childhood Education IB
- Early Childhood Education II
- Emergency Medical Technician (EMT)
- Event Planning and Management
- Fashion Design Merchandising I
- Fashion Design Merchandising II
- Fashion Design Studio
- Fire Science
- Human Development
- Law Enforcement
- Medical Forensics
- Personal Financial Responsibility
- Preparing for College and Careers
- Teaching as a Profession I
- Teaching as a Profession II
- Teaching as a Profession III
- Textile Design Entrepreneurship

### INDIVIDUAL EXAMS

- Career Skills Individual (end of course exam)
- National Health Science Assessment (end of program exam)

BROUGHT TO YOU BY

**NCHSE**

National Consortium for  
Health Science Education

# Purchasing Options:

\$4950 – High School Site License 9781337668682

\$2500 – Middle School Site License 9781337668699

\$2500 – Bundle Site Licenses:



21st  
Century Skills

Work Ready–  
21st Century Skills  
9781337668705



Arts, A/V Technology &  
Communication

Arts, A/V Technology  
& Communication  
9781337668729



Information  
Technology

Information  
Technology  
9781337668743



Hospitality &  
Tourism

Hospitality  
& Tourism  
9781337668804



Agriculture, Food &  
Natural Resources

Agriculture, Food &  
Natural Resources  
9781337668712



Business  
Management &  
Administration

Business Management  
& Administration  
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Science, Technology,  
Engineering &  
Mathematics

STEM  
9780357560532



Health Science

Health Science  
9781337668736



Architecture &  
Construction

Architecture, Construction & Manufacturing  
9781337668781



Manufacturing

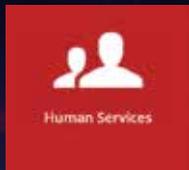


Transportation,  
Distribution & Logistics



Marketing

Marketing  
9781337668774



Human Services



Education & Training



Law, Public Safety,  
Corrections &  
Security



Government &  
Public Administration

Human Services  
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\$12 – NHSA Member Individual Exam 9781337668811

\$15 – NHSA Non-Member Individual Exam 9781337668828

\$8 – Career Skills Individual Exam 9781337668835

For more information on Precision Exams and the Career and Technical Education programs, please visit [NGL.Cengage.com/repfinder](https://www.ngl.cengage.com/repfinder) to identify your local Sales Consultant, or contact us at **888-915-3276**.