



imagine  
edgenuity

# Career and Technical Education

Supporting College and Career Readiness





# Rigorous and Relevant CTE Courses and Pathways for Today's Students

In today's economy, the requirements for employees are rapidly evolving with an increasing demand for advanced technical skills and higher education.

Imagine Edgenuity's **Career and Technical Education (CTE)** courses engage students with real-world activities that address career-related topics. Our catalog of highly relevant curriculum empowers students to explore their interests by engaging with courses that include multiyear support for high-demand, high-interest career pathways and job certification exam readiness.

## Empower Students to Explore Career Interests

Imagine Edgenuity's career and technical education is comprised of over 100 career-focused course options that address the 16 Career Clusters included in the national Career Clusters Framework\*:

### IMAGINE EDGENUITY'S CAREER CLUSTERS:

- Agriculture, Food & Natural Resources
- Architecture & Construction
- Arts, A/V Technology & Communications
- Business Management & Administration
- Education & Training
- Finance
- Government & Public Administration
- Health Science
- Hospitality & Tourism
- Human Services
- Information Technology
- Law, Public Safety, Corrections & Security
- Manufacturing
- Marketing
- Science, Technology, Engineering & Mathematics (STEM)
- Transportation, Distribution & Logistics

### IMAGINE EDGENUITY'S COURSES PROVIDE:



Anywhere, anytime  
self-paced learning



Project-based curriculum that  
ensures student engagement



Real-world learning for  
today's in-demand jobs

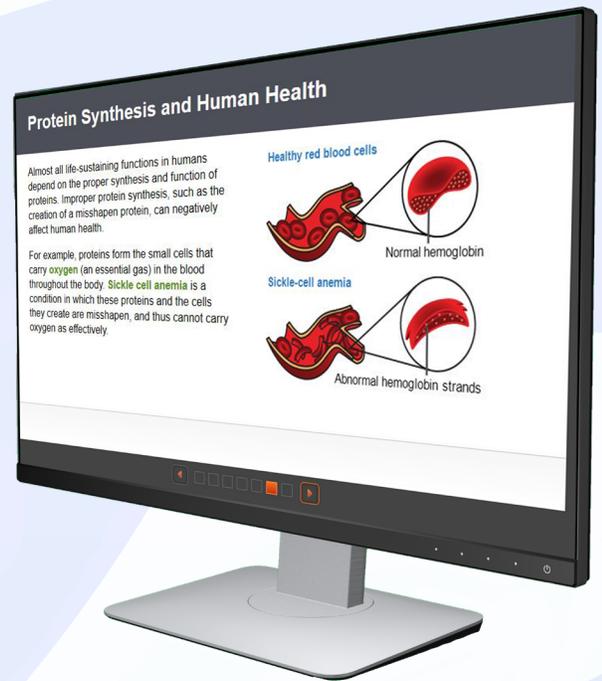


\*More information is available about the National Career Clusters Framework, which includes Career Clusters and educator- and industry-defined Career Pathways, at the Advance CTE website, [careertech.org](http://careertech.org).

# Prepare Students for Future Success

Hands-on projects enable students to apply and synthesize learning as they:

- Design a board game that incorporates each of Erik Erikson's stages of psychosocial development
- Design a tour company, incorporating all aspects of marketing, business, and logistics
- Discuss building LEED scores with builders or architects in their town or city
- Use 3D software modeling tools to design a simple product
- Establish a blog community or web page
- Create a sketch model of a toy for pets
- Develop a 3D video game



## The Positive Impact of CTE:

**93%**

of CTE students graduate high school

### Improve graduation rates:

93% of students in CTE programs graduate high school, outpacing the national graduation rate of 85%.

**81%**

of students say CTE would have kept them in school

### Engage students with relevant learning:

81% of students who did not complete high school say real-world learning opportunities would have kept them in school.

**75%**

of CTE graduates continue their education

### Improve postsecondary success:

75% of high-school students who take CTE coursework pursue post-secondary studies shortly after graduation.



# Imagine Edgenuity CTE Pathways

Imagine Edgenuity CTE courses are mapped to the learning priorities defined for the national Career Pathways\*\*, and support career exploration with hands-on activities that enable students to deepen their experience with their career interests. Additionally, CTE courses available through a partnership with eDynamic Learning support CTE study options for students.

A complete set of courses is available for the following national Career Pathways:

Career Cluster	Career Pathway
Agriculture, Food & Natural Resources	Animal Systems Agriculture Biotechnology Natural Resource Systems
Business Management & Administration	Business Information Management General Management Administrative Services
Health Science	Early Childhood Development & Services Family & Community Services Personal Care Services
Hospitality & Tourism	Lodging Restaurant, Food, and Beverage Services Travel and Tourism
Information Technology	Network Systems Programming & Software Development Information Support and Services
STEM	Science, Technology, Engineering & Mathematics

\*\*Advance CTE is a national non-profit organization representing state CTE professionals. Advance CTE developed the Career Clusters Framework® which includes commonly referenced Career Clusters and Career Pathways.

# Certification Pathways

Imagine Edgenuity CTE courses are mapped to priority topics addressed on national industry-based job certification exams\*\*\*. These courses encourage students to apply real-world problem-solving and project-based learning experiences while preparing for exams.

A full set of courses is available for students preparing for exams with the following Certification Pathways:

Career Cluster	Career Pathway	Certification Exam
Agriculture, Food & Natural Resources	Animal Systems Agriculture Biotechnology Natural Resource Systems	NOCTI® Agricultural Biotechnology NOCTI® Animal Systems NOCTI® Natural Resource Systems
Business Management & Administration	Business Information Management General Management Administrative Services	NOCTI® Business Information NOCTI® General Management Microsoft® Office® Specialist: Access® 2016 (MOS Exam 77-730) Excel® 2016 (MOS Exam 77-727) Outlook® 2016 (MOS Exam 77-782) PowerPoint® 2016 (MOS Exam 77-729) Word® 2016 (MOS Exam 77-725)
Health Science	Nursing Assistant Pharmacy Technician	NOCTI® Nursing Assisting AMCA Certified Nursing Assistant Certified Pharmacy Technician (CPhT)
Hospitality & Tourism	Lodging Restaurant, Food, and Beverage Services	NOCTI® Hospitality Management – Food & Beverage NOCTI® Hospitality Management - Lodging
Human Services	Early Childhood Development Family & Community Services	NOCTI® Early Childhood Development NOCTI® Family and Community Services NOCTI® Early Childhood Education & Care-Basic NOCTI® Family & Community Services
Law, Public Safety, Corrections & Security	Criminal Justice	NOCTI® Legal Services NOCTI® Criminal Justice

\*\*\*Imagine Edgenuity does not provide certification exams.

# The Imagine Edgenuity CTE Experience

## Prepare Students for High-Demand Careers

Imagine Edgenuity CTE courses feature powerful tools that enable educators to customize courses, and address locally defined CTE priorities. These courses allow students to pursue interests spanning business, health sciences, engineering, arts, entrepreneurship opportunities, and more.

## Imagine Edgenuity's CTE courses incorporate:



A collaborative student learning environment



Highly structured, explicit instruction



Embedded supports to facilitate personalized learning and engagement



Robust reporting tools





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[imaginelearning.com/CTE](https://imaginelearning.com/CTE)  
877-725-4257 • [solutions@imaginelearning.com](mailto:solutions@imaginelearning.com)