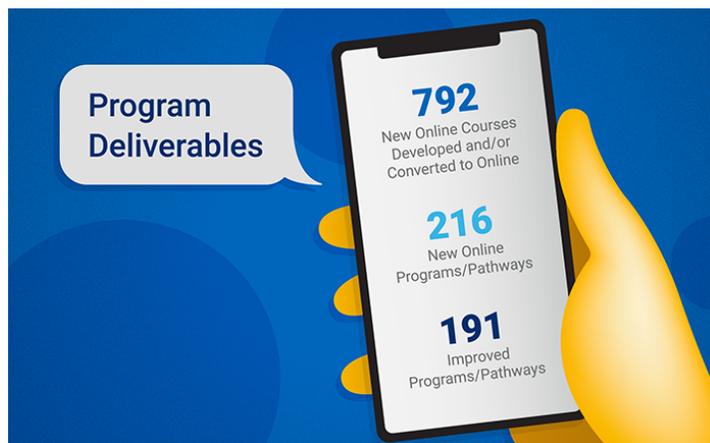


# CVC-OEI Improving Online CTE Pathways Grants



The *Improving Online CTE Pathways* (IOP) Grants were awarded to colleges to develop online programs and courses that lead to short-term, industry-valued certificates or credentials, or programs; or enable a student in a pathway developed by the California Online Community College to continue his or her education in a career pathway offered by an existing community college.

## Highlights:

- **21** projects are improving existing online certificates, credentials, and programs.
- **39** are building new online certificates, credentials, and programs.
- **10** colleges are focusing their efforts on supporting success for online students and faculty.
- **35** projects are committed to reducing costs to students by incorporating Open Educational Resources (OER) and Zero Textbook Cost (ZTC) materials.

130 new or improved online courses  
already offered to students in Spring 2020.

The grant period concludes in June 2020 and the colleges will have:

- **792** online courses (either newly developed or converted to online)
- **216** new short-term online CTE programs and pathways
- **191** improved short-term online CTE programs and pathways

99,000 students will take advantage of new online  
pathways in the 2020-21 academic year.

The CVC-OEI is currently working with the grantee colleges on promotional videos that highlight the various courses and programs being created as a result of the funds.

Individual project summaries for each of the 70 grants are available at [cvc.edu/pathwaysgrant](http://cvc.edu/pathwaysgrant).

## Project Count by CTE Discipline

The grantee colleges are working on projects in 27 district Career Technical Education (CTE) disciplines ranging from library and Information science to public safety.

<b>09</b> Health - Front Office, Information & Technology	<b>05</b> Public & Civil Service or Social Work	<b>12</b> Design - Web, Mobile & Game Development
<b>31</b> Business - Accounting, Information Worker, Office Technology	<b>03</b> Library & Information Science	<b>23</b> Design - Digital Media, Graphic Art, Art & Fashion
<b>26</b> Business - Management & Leadership	<b>06</b> Automotive, Transportation, Logistics & Manufacturing	<b>05</b> Design - Drafting, Architecture & Merchandising
<b>05</b> Hospitality & Food	<b>40</b> Information Technology	<b>05</b> Construction & Utilities
<b>18</b> Justice & Law	<b>08</b> Cybersecurity	<b>08</b> Data & Data Science
<b>05</b> Paralegal Studies	<b>03</b> Biotechnology	<b>05</b> Health
<b>07</b> Public Safety	<b>03</b> Design - Music & Radio	<b>28</b> Business - General/Other
<b>06</b> Health - Nursing, Dental & Pharmacy	<b>05</b> Communication, Public Relations, or Journalism	<b>29</b> Business - Sales, Marketing & Communications
<b>22</b> Education	<b>03</b> Science	<b>08</b> Water, Environment & Land

# Improving Online CTE Pathways Grant: Selected Project Highlights



## **IT FasTrack: Online Pathways to Successful IT Careers Mt. San Jacinto College**

This project will increase the access, visibility and quality of the college's existing CSIS pathways in the fields of networking, cybersecurity, computer hardware, and programming to improve capacity growth and overall student success in online CTE programs. The team will provide intentional, augmented professional development, training support, and educational resources for faculty to complete a comprehensive redesign of the CSIS courses. By the end of the grant period, students will have the opportunity to receive a certificate or certificate of employment concentration in one of the following:

- Certificate - Computer Information Systems: Networking
- Certificate - Computer Information Systems: Programming
- Employment Concentration Certificate - Computer Information Systems: Computer Hardware Specialist
- Employment Concentration Certificate - Computer Information Systems: Cyber Security



## **Accelerated Pathways to Careers in Health Information Management and the Public Sector Cosumnes River College & Folsom Lake College**

This project will improve the accessibility and quality of online offerings in health information management and public sector programs, with a goal of improving student success rates and employment rates. Project leaders intend to make these improvements through course updates, professional development, alignment with a Guided Pathways model, and links to connect students to online support services. Below are the CTE pathways that will be available by the end of the grant period:

- Certificate of Achievement – Business Information Worker I
  - Associate of Science – Health Information Technology
  - Certificate of Achievement – Health Information Coding Specialist
  - Certificate of Achievement – Project Management
  - Certificate of Achievement – Public Management/Civil Service
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**Cañada College**  
**Online Expansion for Student Success and Job Attainment**

This project will focus on creating relevant industry-driven, online certificate programs in six fields: data analysis, cloud computing, cybersecurity, video game development, business and paralegal. The effort will require both creating new certificate programs and expanding current online certificates, while also enriching online options for student support. At the end of the funding year, Cañada College will offer the following pathways:

- Certificate - Cloud Computing
  - Certificate – Cyber Security
  - Associate of Science – Cyber Security
  - Certificate - Data Analysis
  - Certificate - Paralegal
  - Certificate – UI/UX
  - Associate of Arts - UI/UX
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**Increasing Access to High-Wage Automotive Careers**

## Cuyamaca College

This project will partner with other CCC campuses that have automotive training programs to expand access to Ford STARS Training to students in areas of the state with no current STARS programs. The program will use innovative technical modalities to measure trainee knowledge, skills, and abilities via hands-on testing--a combination of proctoring and online observation--to ensure fulfillment of course objectives and demonstrations of competency. By the end of the grant period, Cuyamaca College will offer a fully online Associate of Science in Automotive Technology.

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## Improving Online CTE Pathways Project Chabot College

This project will create fully online certificates or degree programs in real estate, medical assisting, automotive technology, digital media, business analytics, and business entrepreneurship. Instructional designers and faculty will focus on improving individual course quality, accessibility, and cost (through Open Educational Resources and Zero Textbook Cost materials). The following certificates will be fully online by the end of the grant period:

- Certificate - Industry Automotive Service Excellence (ASE)
- Certificate of Achievement - Business Analytics
- Certificate of Proficiency - Business Analytics
- Certificate of Proficiency - Business Entrepreneurship in Spanish/French
- Certificate of Achievement - Digital Media
- Certificate of Proficiency - Medical Coding
- Certificate of Proficiency - Real Estate
- Certificate of Achievement - Real Estate

# Improving Online CTE Pathways Infographic

CALIFORNIA VIRTUAL CAMPUS -  
ONLINE EDUCATION INITIATIVE

## IMPROVING ONLINE CTE PATHWAYS GRANT PROGRAM



### 70 GRANTS

#### FUNDING ONLINE INNOVATION

Statewide distribution of one-time dollars to support innovation and institutional commitment to improving the quality of and increasing access to online CTE courses and programs for students.



### 3 PROJECT TRACKS

#### MAXIMIZING STUDENT IMPACT

Projects are focused on one or more of the following tracks: (1) improving existing online programs, (2) building new online programs, and/or (3) supporting success for online students and faculty.



### 792 COURSES

#### 27 CTE DISCIPLINE AREAS

Course development and/or quality improvement projects align with C-ID descriptor efforts being completed by the Academic Senate for California Community Colleges.



### 407 PROGRAMS & PATHWAYS

#### 216 NEW & 191 IMPROVED

These programs and/or pathways include short term credentials, certificates of achievement, as well as the conversion of certain existing CTE degree pathways from on-ground to online.



### STATEWIDE PROJECT TRENDS

#### SHARED FOCUS ON SUCCESS

58% of projects committed to improving course quality through local peer online course review.  
50% of projects committed to reducing costs to students via use of OER and ZTC course materials.

FIND MORE INFORMATION AT  
[HTTPS://CVC.EDU/PATHWAYSGRANT/](https://cvc.edu/pathwaysgrant/)