



EAB

# Delivering Hands-On Courses Remotely

Creative Solutions for Community Colleges

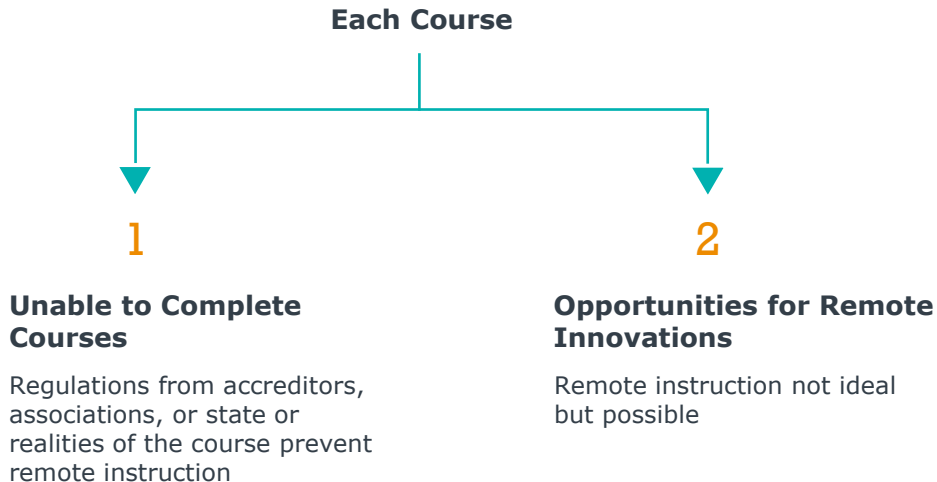
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Community College Executive Forum

# A Fork in the Road



## Community Colleges Have Limited Options for Hands-On Courses



# Review Guidance for Hands-On Courses



## Policies and Guidance from Accreditors, States, and Associations

### Accreditors

- Council on Occupational Education (COE)
  - [Guidance on distance education](#), including council approval requirements
- Accreditation Board for Engineering and Technology (ABET)
  - Permits [temporary modification of program delivery methods](#)

### State Nursing Policies and Guidance

- National Council of State Boards of Nursing (NCSBN) list of [State Responses to COVID-19](#)
- NCSBN's proposed [Nursing Education Programs and Health Care Facilities Partnership](#)
- Texas Board of Nursing [FAQ and options for compliance of Board rules regarding 50% limit of simulation for each nursing course](#):

### Associations

- CTE Coalition
  - [Provides resources](#) from Fabricators & Manufacturers Association International, American Welding Society, and other CTE organizations and industry partners
- ASE Education Foundation
  - [Extended testing window](#) from June 30 to September 30
  - Hoping to launch a remote testing program soon
  - [Free online training curriculum and modules](#) for ASE accredited programs

# Responding When Your Hands Are Tied

## Take Decisive Steps to Safeguard Students

### Develop Alternatives



### Communicate Broadly

#### Offer Flexibility to Ease Concerns

- Offer students extended, penalty-free opportunities to make up lost coursework (e.g., IP—in progress grade—gives students one year to complete technical requirement)
- Offer flexible scheduling and extended hours
- Promote off-campus educational opportunities and provide students opportunities to continue learning and mastering their skills
- Consider providing access to other online courses and programs at the college

#### Provide Detailed Guidance

- Explain why students are unable to complete their class and how the college assessed that decision
- Clarify what students are unable to complete and how that affects their experience (e.g., time to degree, certification)
- Provide the status of testing requirements and updates to testing

## Three Ways Institutions are Delivering Value in Hands-On Courses

### Culinary Courses

1



#### North Idaho College

- Returned lab fees so students can purchase ingredients
- Faculty and students use their cell phones to record and present their cooking
- Consider coordinating with your campus food pantry to provide a hot meal cooked by culinary students

### Nursing

2



- Offering clinical simulations with [Kaplan](#) and [Swift River](#)
- Meet the 50% simulation course limit set by state board of nursing
- Students practice real life scenarios through patient care simulations

### STEM Lab

3



- Uses crowdsourced resources to teach [vertebrate morphology course](#)
- Students examine specimens in online Zoom sessions
- Students virtually share bones found in nature and the class works to identify the animal

# Opportunities for Creative Instruction Abound



## CTE

- Joliet Junior College [ice carving](#)
- Centennial College [baking and pastry arts management](#)
- George Brown College [culinary school](#)
- [TYRS School of Technology & Trades in Rhode Island](#) digital modeling and fabrication, marine systems, and boat building and restoration
- Toronto's Canadian College of [Massage and Hydrotherapy](#)
- St. Paul College considering outdoor CTE courses

## Labs

- Touro's Lander College for Women [Genetics Immunology Lab](#)
- North Idaho College natural science labs—98% remote

## Practicums

- Lethbridge College [Early Childhood Education](#)
- George Brown College [Early Childhood Education](#)

## Partnerships

- California community colleges [partnering with Labster](#) to run virtual labs
- Pima Medical Institute, in conjunction with Kaiser Permanente and the SEIU-United Healthcare Workers West union, offering [online nursing course](#) to provide California nurses additional training on treating coronavirus patients.

### Two Considerations for the Long Term:

1. The beneficial effects of asynchronous learning for hands-on courses
2. Students may need additional support when face to face instruction is possible

# Additional Ways EAB Can Help



## [Remote Instruction Resource Center](#)

- Critical considerations to support remote instruction in the short, medium, and long term



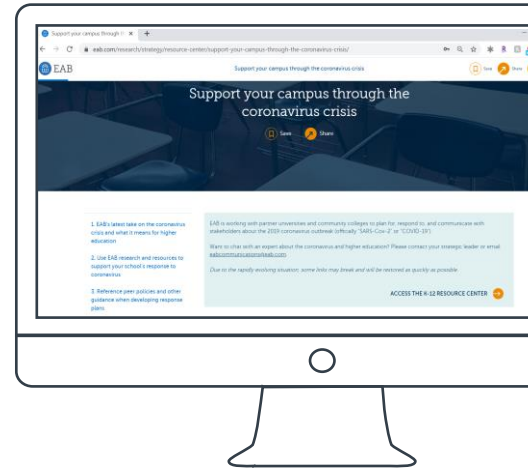
## [COVID-19 Resource Center](#)

- Resources and guidance to support your campus through the coronavirus crisis



## **CCEF Virtual Services**

- Emergency Tabletop Exercises
- Market-Informed Strategic Pivot Workshop
- Scenario Planning Workshop



Contact your Strategic Leader for help navigating resources and connecting with EAB research experts on topics like CCEF's Virtual Services



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