



# CALIFORNIA CLOUD WORKFORCE

## California Cloud Workforce, Strong Workforce Regional Project

Funded by the California Community Colleges Chancellor's Office under the LAOCRC Strong Workforce Program (SWP)

### PROJECT DESCRIPTION:

Cloud computing jobs utilizing Amazon Web Services (AWS) have increased by 177% since 2014 with over 2,000 annual openings in LA County. The practical application of skills and industry certifications necessary for entry level jobs makes a cloud computing program appropriate for community colleges to enhance their existing IT, computer science, business or web design programs integrating cloud managed services. The LA Community Colleges produce 680 IT certificates for the entire IT occupations, which is less than annual openings in the occupations affected by cloud computing.

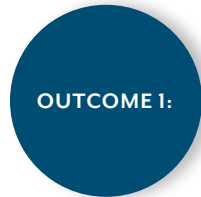
AWS has partnered with Santa Monica College (SMC) to develop college credit courses based on an AWS curriculum framework in cloud computing career pathways that begins at the high school and leads to industry certifications. The goal of the CA Cloud Workforce Consortia is to expand this common curriculum and develop a regional career pathway program and certificate.

### PARTICIPATING COLLEGES:

Cerritos College  
Citrus College  
Compton College  
El Camino College  
East Los Angeles College  
Glendale College  
Long Beach City College  
Los Angeles City College  
Los Angeles Harbor College  
Los Angeles Mission College  
Los Angeles Pierce College

Los Angeles Southwest College  
Los Angeles Trade Tech  
Los Angeles Valley College  
Mt. San Antonio College  
Pasadena City College  
Rio Hondo College  
Santa Monica College  
West Los Angeles College

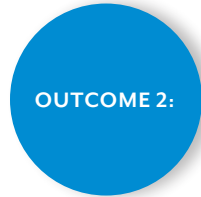
**Lead College:**  
Santa Monica College



OUTCOME 1:

### COMMUNITY OF PRACTICE

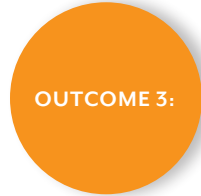
Create a community of professional learners to develop cloud computing programs at each participating community college and partner high school.



OUTCOME 2:

### CURRICULUM

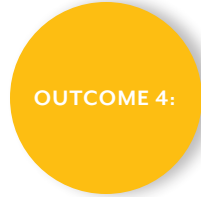
Create a common curriculum to serve as the structure of a cloud computing pathway from high school dual enrollment to community college and transfer.



OUTCOME 3:

### INDUSTRY ENGAGEMENT

Create a Cloud Computing Industry Council to engage with employer around pathway design and alignment across the consortium and work-based learning for students.



OUTCOME 4:

### INDUSTRY CERTIFICATIONS

Align the pathway with industry certifications in cloud computing and include options for preparation and transfer to four-year colleges.

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