

## New Program Creation: Questions for Consideration

### Cloud Computing Certificate

*Prepared by request for the Revenue & Resources Committee, June 2019*

#### Are there any new resources needed for this program?

- Are there equipment/maintenance needs involved?* \$0
- Does the resources needed built on existing programs?* \$0
- Do faculty with specialized knowledge need to be hired?* \$0
- Does the program need to access any specific labs or classrooms?* \$0

#### What is the anticipated student interest?

*How was the decision to create program determined?*

Teresa Ong approached the CS department with the idea of creating this certificate because Amazon is looking to work with community colleges. In the past, Amazon has not done so. But, Amazon worked with Santa Monica College to create this program, which has been wildly successful. Since Santa Monica serves community college students in Southern CA, Amazon thought it would be a good idea to create a similar program in Northern CA.

#### Are there any resources needed to help students learn about this new program?

*Would these resources be needed at the program level?*

*Would resources be needed from other areas of campus?*

The program is not requesting additional funding for marketing and outreach. However, Marketing would need to create promotional materials, while Outreach would need to help advertise the program.

Targeted population could include high school students and those already in industry who want to increase their skill set.

#### Does De Anza offer a similar program?

*Does it compete? Does it matter?*

Currently, there are no other colleges that offer this program. There is discussion of other community colleges such as Canada College, creating such a program. The proposed program is based off the highly successful cloud computing certificate program offered at Santa Monica College. Other Bay Area colleges are looking to replicate Santa Monica's program.

What are the current wage outcomes for completers (for CTE programs)?

*What is the job demand?*

*What is the median wage?*

Currently, there is a significant undersupply of cloud computing workers compared to the demand in the Bay Area region. The median hourly wage for jobs in cloud computing is slightly under \$60/hr. Due to the high demand and relatively high wages for cloud computing jobs, we foresee that the demand for the certificate will be at least twenty students per year. In addition, we expect to offer the courses as hybrid/online split format, which will attract a number of students statewide.