

## Memorandum

To: Kerry Mayer, Dean, Career Education, College of the Redwoods

From: Sara Phillips, Director, Center of Excellence (COE), Far North region

Date: April 9, 2019

Re: Program endorsement request for Computer Support Certificate in CIS Cybercesurity

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### Background

College of the Redwoods requested a program endorsement report for a new Certificate of Achievement in CIS Cybersecurity. Upon completion of this program students will be prepared to find work as Information Security Analysts and Computer Network Support Specialists.

The COE prepared a program endorsement report for College of the Redwoods and Lake Tahoe Community College that included the same occupations (SOC 15-1122.00: Information Security Analysts and SOC 15-1152.00: Computer Network Support Specialists) for the same regions (North and Far North) in March, 2018. The COE also published a comprehensive statewide cybersecurity report in June 2018. College of the Redwoods should include these reports along with the present memo for the Regional Consortium application.

### Findings

- Existing and projected demand for occupations requiring CIS training is strong.
- The fastest-growing occupation in the CIS industry is Information Security Analyst, with more than 20% projected growth.
- Median wages for both occupations exceed the Humboldt County living wage.
- Typical entry-level education requirement for Information Security Analysts is Bachelor's degree. Typical entry-level requirement for Computer Network Support Specialists is Associate's degree.
- From 2015-18, no colleges in the Far North conferred awards for TOP 0708.20: Computer Support.

### Recommendations

- Annual job openings for these occupations in the Far North region is projected to be 27 while the number of annual average awards for the region specific to Computer Support is 0, indicating a gap in supply.
- The COE recommends that College of the Redwoods move forward with the proposed program due to the apparent supply gap as well as strong projected demand for related occupations in the region and across the state.

### COE Recommendation

- Move forward with program
- Program is not recommended
- Additional information needed

Please contact Sara Phillips, COE director, for further information at [sphillips@shastacollege.edu](mailto:sphillips@shastacollege.edu) or 530-242-7635.