

Memorandum

To: Noel Woodhouse, Sustainable Construction Program Coordinator/Instructor, Mendocino College

From: Sara Phillips, Director, Far North Center of Excellence

CC: Orion Walker, RDEE, ECU

Date: November 23, 2020

Re: LMI for Non-Credit Certificate, Sustainable Construction and Energy Technology-Introduction to Construction Trades

Background

Mendocino College requested labor market information for a new Non-Credit Certificate in Sustainable Construction and Energy Technology- Introduction to Construction Trades. Local advisory committees support the proposed certificate.

This memo uses the Strong Workforce Program labor market information template (Exhibit 1) to provide a summary of occupational demand for related middle-skill occupations and educational program supply in the North/Far North region. The findings below summarize the data analysis shown in exhibit 1.

Findings

- Community colleges in the North/Far North region conferred an average of 144 certificates and degrees in TOP codes 0952.00 – Construction Crafts Technology and 0952.10 – Carpentry (2017-2018 through 2019-2020).¹
- There are 2,419 projected annual openings over the next five years in the related middle-skill occupations of carpenter (SOC 47-2031).
- Related lower-than middle skill occupations including construction labors (SOC 47-2061), helpers-carpenters (SOC 47-3012), and miscellaneous construction and related workers (SOC 47-4098) are projected to increase by an average of 13% over the next five years.
- Median hourly earnings for carpenters, as well as the related lower-than middle skill occupations mentioned above, are higher than the average living wage for a single adult in the region.

¹ COE Supply Tables, California Community Colleges Chancellor's Office DataMart, and Integrated Postsecondary Education Data System (IPEDS).

Exhibit 1. LMI for Carpenters in the North/Far North region

Top6	Top6_Title	SOC Code	SOC Title	Skill Category	Typical Education
0952.00	Construction Crafts Technology	47-2031	Carpenters	Middle-skill	Postsecondary nondegree award
0952.10	Carpentry	47-2031	Carpenters	Middle-skill	Postsecondary nondegree award

Geography - The program identified specifically targets the labor market need for trained workers in...					
			Region/Subregion list	County list	
			North/Far North	n/a	
Demand - the program(s) prepare students to work in the following occupations...			Supply - On average, how many awards (certificates and degrees) area conferred by community colleges and other post-secondary institutions in the region/county identified?		
SOC Code	Occupational Title	Annual Openings	Institution Type		# of Awards Conferred (Annual Average)
47-2031	Carpenters	2,419	Community Colleges		144
			Other Post-secondary Institutions		0
			Summary of Data Entered:		
			Demand		2,419
			Supply		144
			Analysis:		
			It's a go! Undersupply indicated		

Community colleges with same TOP program:			Other ed programs with corresponding CIP programs:		
TOP6 - Top Title			CIP - Cip Title		
School	3-Year Annual Average Awards		School	3-Year Annual Average Awards	
0952.00 - Construction Crafts Technology			46-0415 – Construction Trades = n/a		
American River*	2				
Butte	17				
Cosumnes River	1				

Redwoods*		17		
Sierra		3		
<i>0952.10 - Carpentry</i>			46.0201 – Carpentry = n/a	
American River		87		
Redwoods*		15		
Sierra*		2		