

Cerritos College CTE Program Report, Spring 2020

Program: Woodworking Manufacturing Technologies

Division: Technology

Attached is a copy of the Annual Unit Plan for: Woodworking Manufacturing Technologies

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1. **Objectives: What are the objectives of the program?** To what extent are these objectives being achieved? How satisfied are students with their preparation for employment? How satisfied are employers with the preparation they receive in this program? Does this program contribute to programs in other fields? What plans are in place for improving the program?

The objectives are the program are:

- To provide students with a high-quality woodworking education that leads to certificates, degrees, jobs, and the ability to transfer to senior academic institutions,
- To provide industry with highly competent cabinet and furniture makers,
- To provide industry with material, process, and equipment training opportunities,
- To support other woodworking educators in the promotion and delivery of excellent woodworking education.

According to our most recent survey (Program Review 2019), students are very satisfied with the skills they are learning and many feel confident that these skills will be valuable in their future employment. Technology continues to advance in our industry and with the help of Strong Workforce money, we are able to update aging equipment. Updating curriculum to reflect the needs of our industry has spawned new courses such as "Introduction to Digital Fabrication" and an upcoming "Woodworking Machine Maintenance" course. Continued professional development opportunities such as attending industry tradeshow and trainings on new equipment and software, are undertaken every year by faculty. In addition to these efforts to continually improve our program, new scholarship funds will offer new support for students to attend our classes.

2. **Market Data Need: How strong is the demand for graduates of the program?** How has demand changed in the past two years and what is the outlook for the next five years. How many jobs are available regionally in this field? Are other similar programs offered in this region and if so, what is their impact on the job market? How is the job market impacting your program?

Demand for our students in industry continues to be strong. Demand has not notably changed the past two years and will likely remain steady or increase the next 5 years. According to the Center for a Competitive Workforce data, employment in the industry is expected to increase, with 4880 new jobs between 2016-2021. Other programs exist in the region, but few offer the comprehensive

education that Cerritos College does, especially CNC woodworking. This will have little impact on the job market. Traditionally a strong economy means college enrollment declines, however, our program has seen consistent to increasing enrollment over the past several years. If the job market were to worsen, we would likely see an increase in enrollment as student seek training to gain skills for different and/or higher paying jobs.

3. **Enrollment/Retention/Placement: What are the trends in student enrollment, success and completion, and placement?** Is there an increase or decline in the last five years? What are the barriers to success and completion? What are placement rates with local employers? What do these data mean for your program?

Enrollment over the past five years has been steady to slightly decreasing. This is likely due to the strong economy and unemployment being low. Success rates have varied over the last five years, with the number of students earning program awards ranging from 5 to 40. The trend is up, and the number for 2020 should be at least 25.

Employment data is nonexistent at this time. Anecdotally, we know of many students who have gained employment over the last year. At least a dozen others have obtained jobs from postings on our job board or word-of-mouth.