

Assessment: Assessment Unit Four Column

Program - Drafting and Design

Mission Statement: The mission of the SCCC Drafting and Design Technology program is to train students for successful employment in a variety of Drafting environments including Manufacturing, Architecture, and Civil Engineering.

<i>Outcomes</i>	<i>Assessment Tools</i>	<i>Results</i>	<i>Actions</i>
Drafting Tool ID - Identify the basic tools, major equipment, media, and line formats used by the Drafting Industry Outcome Status: Active Outcome Type: Curricular Start Date: 08/17/2010 End Date: 06/30/2014	Direct - Identification test for the basic drafting tool and equipment Benchmark: 80% of class will score 90% or better on the assigned test. Schedule: State Date: August of year one of program End Date: December of year two of program	Action Status: Action Complete Result Type: Benchmark Met 8 of 10 students met or exceeded benchmark (05/02/2022)	
		Action Status: Action Complete Result Type: Benchmark Met 80% of the students scored a 90% or better in the assessment (04/22/2021)	
		Action Status: No Action Required Result Type: Benchmark Met 10 students tested. 9 passed with a 91% or higher with a high score of 98%. The other 2 were 82.5% and 74%. (05/07/2019)	
		Action Status: Action Complete Result Type: Benchmark Met 15 students performed the assessment. All 15 passed. The low score was 86% (1 student) and the high score was 100% (1 student). Additionally 2 students scored 98%. The average of all 15 students was 93.07%. (05/09/2018)	
		Action Status: Action Complete Result Type: Benchmark Met 8 students took the test. All 8 passed. Scores ranged from 100 percent down to 95 percent. (05/17/2017)	
		Action Status: Action Complete Result Type: Benchmark Met 12 students took that test. All 12 passed. The scores ranged from 100 percent down to 92 percent. (05/20/2016)	
		Action Status: Action Complete	

Outcomes	Assessment Tools	Results	Actions
		Result Type: Benchmark Met 5 students took the Identification test. 3 scored 98 percent; 1 scored 96 percent; 1 scored 94 percent (06/02/2014)	
		Action Status: No Action Required Result Type: Benchmark Met Nine students took the Written test and completed the assigned drawing. All nine students scored 90 percent or better. Score range was 90% (1 student) to 99% (1 student). Average score was 94.1 (05/29/2012)	
		Action Status: Action Plan in Progress Result Type: Benchmark Not Met 18 students took the tool identification test. 8 students scored 100 percent. 10 students scored between 95 and 99 percent. (05/23/2011)	Action: Benchmark was set too high. Benchmark should be changed to indicate that 100 percent of students will score 95 or better on Tool Identification test. (05/23/2011)
	Indirect - Proper use of the tools as necessary to complete class assigned drawings. Benchmark: 80% of class will score 90% or better on the assigned drawings Schedule: Start Date: August of year one of program End Date: December of year two of program	Action Status: Action Plan in Progress Result Type: Inconclusive benchmark inconclusive (05/02/2022)	
		Action Status: Action Complete Result Type: Benchmark Met 80% of the students who took the assessment scored a 90% or better (04/22/2021)	
		Action Status: No Action Required Result Type: Benchmark Met 10 students evaluated. All 10 passed with 91% or higher. (05/07/2019)	
Drafting Scale Measurement - Identify the types of scales, their appropriate use and measurement accuracy as applied by the Drafting Industry. Outcome Status: Active	Direct - Identification test for the Drafting scale types and their proper usage for standard drawings and land measurement maps. Benchmark: 80% of class will score 90% or better on the assigned test Schedule: Start Date: August of year one of program End Date: December of year two of program	Action Status: Action Plan in Progress Result Type: Benchmark Not Met 75% of students met the benchmark on assigned tests (05/02/2022)	
		Action Status: Action Complete Result Type: Benchmark Met 80% of the students assessed scored 90% or better (04/22/2021)	
		Action Status: Action Plan in Progress Result Type: Benchmark Not Met 9 students evaluated from identified courses during the Fall 2019 and Spring 2019 semesters. An overall pass of 90% or	

Outcomes	Assessment Tools	Results	Actions
		higher was at 75%. This fell below the established benchmark. Factors involved may be due to the varied interest in the different Drafting disciplines. Benchmark should be re-evaluated and adjusted accordingly With a re-evaluation of those students declaring in the Civil field that would better represent the land measurement portion of this assessment. (05/13/2019)	
	Indirect - Proper use of the scales as necessary to complete class assigned drawings and accurate map reading. Benchmark: 80% of class will score 90% or better on the assigned drawings Schedule: Start Date: August of year one of program End Date: December of year two of program	Action Status: Action Complete Result Type: Benchmark Met 100% of students met or exceed the benchmark (05/02/2022)	
		Action Status: Action Complete Result Type: Benchmark Met 100% of students scored 90% or better (04/22/2021)	
		Action Status: Action Complete Result Type: Benchmark Met Scores were reviewed from 4 main courses offered in the program. Courses reviewed were: Auxiliary Views, Section Views, Pictorial Drawings & Technical Drafting II. Fall and Spring semester courses were evaluated with all having at least 80% scoring 90% or better. The high was 100% and the low was 83%. (05/13/2019)	
Drafting Mathematics Basics - Identify the types of scales, their appropriate use and measurement accuracy as applied by the Drafting Industry Outcome Status: Active	Direct - Basic Math tests covering: Addition, Subtraction, Multiplication, Division, Converting Fractions, Reducing Fractions, Converting fractions to decimals and converting decimals to fractions Benchmark: 80% of class will score 90% or better on the assigned tests Schedule: Start Date: August of year one of program End Date: December of year two of program	Action Status: No Action Required Result Type: Inconclusive Exam has been replaced with NCCER construction math exam in Trade Basics Class, unable to obtain data (05/02/2022)	
		Action Status: Action Complete Result Type: Benchmark Met 90% of students scored 90% or better (04/22/2021)	
		Action Status: No Action Required Result Type: Benchmark Met 10 students tested. 8 passed with 92% or higher with 3 students at 100%. (05/07/2019)	
	Indirect - Converting drawing scales from fractions to decimal or vice versa on assigned course drawings as needed for proper completion Benchmark: 80% of class will score	Action Status: No Action Required Result Type: Inconclusive students more than likely have met the benchmark, however since this skill is used in so many areas of the program compiling the data is challenging (05/02/2022)	

Outcomes	Assessment Tools	Results	Actions
	<p>90% or better on the assigned drawings</p> <p>Schedule: Start Date: August of year one of program</p> <p>End Date: December of year two of program</p>	<p>Action Status: Action Complete</p> <p>Result Type: Benchmark Met</p> <p>90% of students completed with a 90% or better (04/22/2021)</p> <hr/> <p>Action Status: Action Complete</p> <p>Result Type: Benchmark Met</p> <p>Students enrolled in 4 identified courses for evaluation. This accounts for 46 student line enrollments over the Fall 2018 and Spring 2019 semesters. All met benchmark with 3 courses having 100% and the low of 90% on one course. (05/13/2019)</p>	
<p>Drafting Architectural Styles and Design - Identify the various residential building types designs and construction as used in the Drafting Industry</p> <p>Outcome Status: Active</p>	<p>Direct - Identification test for the residential house styles, designs, and construction eras.</p> <p>Benchmark: 80% of class will score 90% or better on the assigned test</p> <p>Schedule: Start Date: August of year one of program</p> <p>End Date: December of year two of program</p>	<p>Action Status: Action Complete</p> <p>Result Type: Benchmark Met</p> <p>100% of students met or exceeded the benchmark in associated quizzes (05/02/2022)</p>	
		<p>Action Status: Action Complete</p> <p>Result Type: Benchmark Met</p> <p>100% of students scored 90% or better (04/22/2021)</p>	
	<p>Indirect - Proper use of tools as necessary to complete class assigned drawings.</p> <p>Benchmark: 80% of class will score 90% or better on the assigned drawings</p> <p>Schedule: Start Date: August of year one of program</p> <p>End Date: December of year two of program</p>	<p>Action Status: No Action Required</p> <p>Result Type: Benchmark Met</p> <p>9 students tested. 8 passed with 90% or higher. High for the group was 98% low was 83%. (05/07/2019)</p>	
		<p>Action Status: Action Complete</p> <p>Result Type: Benchmark Met</p> <p>100% of students completed assigned projects with a 90% or better score (05/02/2022)</p> <hr/> <p>Action Status: Action Complete</p> <p>Result Type: Benchmark Met</p> <p>83% of class scored 90% or better (04/22/2021)</p> <hr/> <p>Action Status: No Action Required</p> <p>Result Type: Benchmark Met</p> <p>9 students evaluated. 8 passed with a 92% or higher. Of all 9 students, the high was 96% and low was 80% (05/07/2019)</p>	