

# 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>
<p><b>Drafting Tool ID</b> - Identify the basic tools, major equipment, media, and line formats used by the Drafting Industry</p> <p><b>Outcome Status:</b> Active  <b>Outcome Type:</b> Curricular  <b>Start Date:</b> 08/17/2010  <b>End Date:</b> 06/30/2014</p>	<p><b>Direct</b> - Identification test for the basic drafting tool and equipment</p> <p><b>Benchmark:</b> 80% of class will score 90% or better on the assigned test.</p> <p><b>Schedule:</b> State Date: August of year one of program            End Date: December of year two of program</p>	<p><b>Action Status:</b> No Action Required  <b>Result Type:</b> 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)</p>	
		<p><b>Action Status:</b> Action Complete  <b>Result Type:</b> 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)</p>	
		<p><b>Action Status:</b> Action Complete  <b>Result Type:</b> Benchmark Met            8 students took the test. All 8 passed. Scores ranged from 100 percent down to 95 percent. (05/17/2017)</p>	
		<p><b>Action Status:</b> Action Complete  <b>Result Type:</b> Benchmark Met            12 students took that test. All 12 passed. The scores ranged from 100 percent down to 92 percent. (05/20/2016)</p>	
		<p><b>Action Status:</b> Action Complete  <b>Result Type:</b> Benchmark Met            5 students took the Identification test. 3 scored 98 percent; 1 scored 96 percent; 1 scored 94 percent (06/02/2014)</p>	
		<p><b>Action Status:</b> No Action Required  <b>Result Type:</b> Benchmark Met            Nine students took the Written test and completed the assigned drawing. All nine students scored 90 percent or</p>	

Outcomes	Assessment Tools	Results	Actions
	<p><b>Indirect</b> - Proper use of the tools as necessary to complete class assigned drawings.</p> <p><b>Benchmark:</b> 80% of class will score 90% or better on the assigned drawings</p> <p><b>Schedule:</b> Start Date: August of year one of program End Date: December of year two of program</p>	<p>better. Score range was 90% (1 student) to 99% (1 student). Average score was 94.1 (05/29/2012)</p> <hr/> <p><b>Action Status:</b> Action Plan in Progress <b>Result Type:</b> 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)</p> <p><b>Action Status:</b> No Action Required <b>Result Type:</b> Benchmark Met 10 students evaluated. All 10 passed with 91% or higher. (05/07/2019)</p>	<p><b>Action:</b> 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)</p>
<p><b>Drafting Scale Measurement -</b> Identify the types of scales, their appropriate use and measurement accuracy as applied by the Drafting Industry.</p> <p><b>Outcome Status:</b> Active</p>	<p><b>Direct</b> - Identification test for the Drafting scale types and their proper usage for standard drawings and land measurement maps.</p> <p><b>Benchmark:</b> 80% of class will score 90% or better on the assigned test</p> <p><b>Schedule:</b> Start Date: August of year one of program End Date: December of year two of program</p> <hr/> <p><b>Indirect</b> - Proper use of the scales as necessary to complete class assigned drawings and accurate map reading.</p> <p><b>Benchmark:</b> 80% of class will score 90% or better on the assigned drawings</p> <p><b>Schedule:</b> Start Date: August of year one of program End Date: December of year two of program</p>	<p><b>Action Status:</b> Action Plan in Progress <b>Result Type:</b> Benchmark Not Met 9 students evaluated from identified courses during the Fall 2019 and Spring 2019 semesters. An overall pass of 90% or 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)</p> <hr/> <p><b>Action Status:</b> Action Complete <b>Result Type:</b> Benchmark Met Scores were reviewed from 4 main courses offered in the program. Courses reviewed were: Auxiliary Views, Section Views, Pictorial Drawings &amp; 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)</p>	

Outcomes	Assessment Tools	Results	Actions
<p><b>Drafting Mathematics Basics -</b> Identify the types of scales, their appropriate use and measurement accuracy as applied by the Drafting Industry <b>Outcome Status:</b> Active</p>	<p><b>Direct -</b> Basic Math tests covering: Addition, Subtraction, Multiplication, Division, Converting Fractions, Reducing Fractions, Converting fractions to decimals and converting decimals to fractions <b>Benchmark:</b> 80% of class will score 90% or better on the assigned tests <b>Schedule:</b> Start Date: August of year one of program End Date: December of year two of program</p>	<p><b>Action Status:</b> No Action Required <b>Result Type:</b> Benchmark Met 10 students tested. 8 passed with 92% or higher with 3 students at 100%. (05/07/2019)</p>	
	<p><b>Indirect -</b> Converting drawing scales from fractions to decimal or vice versa on assigned course drawings as needed for proper completion <b>Benchmark:</b> 80% of class will score 90% or better on the assigned drawings <b>Schedule:</b> Start Date: August of year one of program End Date: December of year two of program</p>	<p><b>Action Status:</b> Action Complete <b>Result Type:</b> Benchmark Met 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><b>Drafting Architectural Styles and Design -</b> Identify the various residential building types designs and construction as used in the Drafting Industry <b>Outcome Status:</b> Active</p>	<p><b>Direct -</b> Identification test for the residential house styles, designs, and construction eras. <b>Benchmark:</b> 80% of class will score 90% or better on the assigned test <b>Schedule:</b> Start Date: August of year one of program End Date: December of year two of program</p>	<p><b>Action Status:</b> No Action Required <b>Result Type:</b> Benchmark Met 9 students tested. 8 passed with 90% or higher. High for the group was 98% low was 83%. (05/07/2019)</p>	
	<p><b>Indirect -</b> Proper use of tools as necessary to complete class assigned drawings. <b>Benchmark:</b> 80% of class will score 90% or better on the assigned drawings <b>Schedule:</b> Start Date: August of year one of program</p>	<p><b>Action Status:</b> No Action Required <b>Result Type:</b> Benchmark Met 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>	

*Outcomes*

*Assessment Tools*

*Results*

*Actions*

End Date: December of year two of  
program