

		2017-18 Results	Use of Results
		<u>PLO 1</u>	<u>PLO 1</u>
1. Interpret knowledge of engineering, materials, methods, equipment, and processes to safely construct buildings and structures.	<p>The assessment will be measured by:</p> <p>Tests 2, 3, 4 in BCN 4510C-Mechanical Systems</p> <p>Assignment 6 in BCN 4787C-Construction Capstone Project</p>	<p>The level of achievement is: Tests, 2, 3, 4 in BCN 4510C: 80% of students score 70% or higher Assignment 6 in BCN 4787C: 80% of students score 70% or higher Tests 2, 3, 4, in BCN 4510C: Fall 2017: 100% of students scored 70% or higher (39 of 39 students met the criterion) Spring 2018: 100% of students scored 70% or higher (35 of 35 students met the criterion) Academic year: 100% of students scored 70% or higher (74 of 74 students met the criterion)</p> <p>Assignment 6 in BCN 4787C: Fall 2017: 85.7% of students scored 70% or higher (18 out of 21 students met the criterion) Spring 2018: 95.6% of students scored 70% or higher (62 of 67 students met the criterion) Academic year: 91% of students scored 70% or higher (62 of 67 students met the criterion)</p> <p>This does meet the criteria for success for this SLO.</p>	<p>The School Director and the Director of Undergraduate Programs reviewed the results for SLO 1. Mechanical and Electrical faculty met to discuss all courses SLOs with Undergrad Committee.</p>
		<u>PLO 2</u>	<u>PLO 2</u>
2. Survey and quantify building components to estimate project costs, analyze progress, and control expenditures.	<p>The assessment will be measured by:</p> <p>Assignment 7 in BCN 4787C - Construction Capstone Project</p>	<p>The level of achievement is: Assignment 7 in BCN 4787C: 80% of students score 70% or higher</p> <p>Results: Assignment 7 in BCN 4787C: Fall 2017: 100% of students scored 70% or higher (21 out of 21 students met the criterion) Spring 2018: 95.6% of students scored 70% or higher (44 out of 46 students met the criterion) Academic Year: 98% of students scored 70% or higher (65 out of 67 students met the criterion)</p> <p>This does meet the criteria for success for this SLO.</p>	<p>The School Director and the Director of Undergraduate Programs reviewed the results for SLO 2. All first semester Junior one semester courses were reviewed by the instructors, undergraduate Director, School Director and industry focus group and discussed changes or revisions to the course. The School will continue to review the trends/values on the AIC exam.</p>
		<u>PLO 3</u>	<u>PLO 3</u>

<p>3. Create an effective planning, scheduling and control system by identifying, evaluating and organizing the diverse elements of a construction project.</p>	<p>The assessment will be measured by: Assignment 8 in BCN 4787C-Construction Capstone Project</p>	<p>The level of achievement is: Assignment 8 in BCN 4787C: 80% of students 70% or higher</p> <p>Results: Assignment 8 in BCN 4787C: Fall 2017: 85.7% of students scored 70% or higher (18 out of 21 students met the criterion) Spring 2018: 89.1% of students scored 70% or higher (41 out of 46 students met the criterion) Academic year: 87% of students scored a 70% or higher (59 of 67 students met the criterion)</p> <p>This does meet the criteria for success for this SLO.</p>	<p>The School Director and the Director of Undergraduate Programs reviewed the results for SLO 3. Based on their review, no action was needed.</p>
		<p><u>PLO 4</u></p>	<p><u>PLO 4</u></p>
<p>4. Set up and manage project administration and management systems to efficiently document and monitor the construction process.</p>	<p>The assessment will be measured by: Assignments 9, 10, 11, 12 in BCN 4787C - Construction Capstone Project</p>	<p>The level of achievement is: Assignment 9, 10, 11, 12 in BCN 4787C: 80% of students score 70% or higher</p> <p>Results: Assignment 9, 10, 11, 12 in BCN 4787C: Fall 2017: 100% of students scored 70% or higher (21 out of 21 students met the criterion) Spring 2018: 86.9% of the students scored a 70% or higher (40 out of 46 students met the criterion) Academic Year: 93% of students scored 70% or higher (61 out of 67 students)</p> <p>This does meet the criteria for success for this SLO.</p>	<p>The School Director and the Director of Undergraduate Programs reviewed the results for SLO 4. Based on our review, no action was needed.</p>
		<p><u>PLO 5</u></p>	<p><u>PLO 5</u></p>

<p>5. Describe technical and financial data effectively in speech and in writing to all stakeholders in the construction process.</p>	<p>The assessment will be measured by: presentation 1, 2, & 3 in BCN 4787C - Construction Capstone Project</p>	<p>The level of achievement is: Presentations 1, 2, & 3 in BCN 4787C: 80% of students 70% or higher</p> <p>Results: Presentations 1, 2, & 3 in BCN 4787C: 80% of students 70% or higher Fall 2017: 100% of students scored a 70% or higher (21 out of 21 students met the criterion) Spring 2018: 97.8% of students scored a 70% or higher (46 out of 46 students met the criterion) Academic Year: 99% of students scored a 70% or higher (66 out of 67 students met the criterion)</p> <p>This does meet the criteria for success for this SLO.</p>	<p>The School Director and the Director of Undergraduate Programs reviewed the results for SLO 5. Based on their review, no action was needed.</p>
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2018-19

		<p>Results <u>PLO 1</u></p>	<p>Use of Results <u>PLO 1</u></p>
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<p>1. Interpret knowledge of engineering, materials, methods, equipment, and processes to safely construct buildings and structures.</p>	<p>The assessment will be measured by: Tests 2, 3, 4 in BCN 4510C-Mechanical Systems Assignment 6 in BCN 4787C-Construction Capstone Project</p>	<p>The level of achievement is: Tests, 2, 3, 4 in BCN 4510C: 80% of students score 70% or higher Assignment 6 in BCN 4787C: 80% of students score 70% or higher Tests 2, 3, 4, in BCN 4510C: Fall 2018: 100% of students scored 70% or higher (46 of 46 students met the criterion) Spring 2019: 91.5% of students scored 70% or higher (56 of 59 students met the criterion) Academic year: 96% of students scored 70% or higher (102 of 105 students met the criterion)</p> <p>Assignment 6 in BCN 4787C: Fall 2018: 93.5% of students scored 70% or higher (29 out of 31 students met the criterion) Spring 2019: 86% of students scored 70% or higher (38 of 44 students met the criterion) Academic year: 90% of students scored 70% or higher (67 of 75 students met the criterion)</p> <p>This does meet the criteria for success for this SLO.</p> <p><u>PLO 2</u></p>	<p>The School Director and the Director of Undergraduate Programs reviewed the results for SLO 1. The Instructor for the 4510C course retired as of spring 2019. The Director of Undergrads will track progress of SLO's with the new instructor.</p> <p><u>PLO 2</u></p>
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<p>2. Survey and quantify building components to estimate project costs, analyze progress, and control expenditures.</p>	<p>The assessment will be measured by: Assignment 7 in BCN 4787C - Construction Capstone Project</p>	<p>The level of achievement is: Assignment 7 in BCN 4787C: 80% of students score 70% or higher</p> <p>Results: Assignment 7 in BCN 4787C: Fall 2018: 100% of students scored 70% or higher (31 out of 31 students met the criterion) Spring 2019: 97.5% of students scored 70% or higher (43 out of 44 students met the criterion) Academic Year: 99% of students scored 70% or higher (74 out of 75 students met the criterion)</p> <p>This does meet the criteria for success for this SLO.</p>	<p>The School Director and the Director of Undergraduate Programs reviewed the results for SLO 2. All first semester Junior two semester courses were reviewed by the instructors, undergraduate Director, School Director and industry focus group and discussed changes or revisions to the course.</p>
<p>3. Create an effective planning, scheduling and control system by identifying, evaluating and organizing the diverse elements of a construction project.</p>	<p>The assessment will be measured by: Assignment 8 in BCN 4787C-Construction Capstone Project</p>	<p><u>PLO 3</u></p> <p>The level of achievement is: Assignment 8 in BCN 4787C: 80% of students 70% or higher</p> <p>Results: Assignment 8 in BCN 4787C: Fall 2018: 81% of students scored 70% or higher (25 out of 31 students met the criterion) Spring 2019: 82% of students scored 70% or higher (34 out of 42 students met the criterion) Academic year: 81.5% of students scored a 70% or higher (59 of 73 students met the criterion)</p> <p>This does meet the criteria for success for this SLO.</p>	<p><u>PLO 3</u></p> <p>The School Director and the Director of Undergraduate Programs reviewed the results for SLO 3. Based on their review, no action was needed.</p>
		<p><u>PLO 4</u></p>	<p><u>PLO 4</u></p>

<p>4. Set up and manage project administration and management systems to efficiently document and monitor the construction process.</p>	<p>The assessment will be measured by: Assignments 9, 10, 11, 12 in BCN 4787C - Construction Capstone Project</p>	<p>The level of achievement is: Assignment 9, 10, 11, 12 in BCN 4787C: 80% of students score 70% or higher</p> <p>Results: Assignment 9, 10, 11, 12 in BCN 4787C: Fall 2018: 93.5% of students scored 70% or higher (29 out of 31 students met the criterion) Spring 2019: 95% of the students scored a 70% or higher (42 out of 44 students met the criterion) Academic Year: 94% of students scored 70% or higher (71 out of 75 students)</p> <p>This does meet the criteria for success for this SLO.</p>	<p>The School Director and the Director of Undergraduate Programs reviewed the results for SLO 4. Based on our review, no action was needed.</p>
		<p><u>PLO 5</u></p>	<p><u>PLO 5</u></p>
<p>5. Describe technical and financial data effectively in speech and in writing to all stakeholders in the construction process.</p>	<p>The assessment will be measured by: presentation 1, 2, & 3 in BCN 4787C - Construction Capstone Project</p>	<p>The level of achievement is: Presentations 1, 2, & 3 in BCN 4787C: 80% of students 70% or higher</p> <p>Results: Presentations 1, 2, & 3 in BCN 4787C: 80% of students 70% or higher Fall 2018: 100% of students scored a 70% or higher (31 out of 31 students met the criterion) Spring 2019: 93% of students scored a 70% or higher (41 out of 44 students met the criterion) Academic Year: 96.5% of students scored a 70% or higher (72 out of 75 students met the criterion)</p> <p>This does meet the criteria for success for this SLO.</p>	<p>The School Director and the Director of Undergraduate Programs reviewed the results for SLO 5. Based on their review, no action was needed.</p>

2019-20
Results
PLO 1

Use of Results
PLO 1

<p>1. Interpret knowledge of engineering, materials, methods, equipment, and processes to safely construct buildings and structures.</p>	<p>The assessment will be measured by:</p> <p>Tests 2, 3, 4 in BCN 4510C-Mechanical Systems</p> <p>Assignment 6 in BCN 4787C-Construction Capstone Project</p>	<p>The level of achievement is: Tests, 2, 3, 4 in BCN 4510C: 80% of students score 70% or higher Assignment 6 in BCN 4787C: 80% of students score 70% or higher Tests 2, 3, 4, in BCN 4510C: Fall 2019: 91% of students scored 70% or higher (49 of 54 students met the criterion) Spring 2020: 93% of students scored 70% or higher (42 of 45 students met the criterion) Academic year: 92% of students scored 70% or higher (91 of 99 students met the criterion)</p> <p>Assignment 6 in BCN 4787C: Fall 2019: 85% of students scored 70% or higher (34 out of 40 students met the criterion) Spring 2020: 90% of students scored 70% or higher (45 of 50 students met the criterion) Academic year: 87.5% of students scored 70% or higher (79 of 90 students met the criterion)</p> <p>This does meet the criteria for success for this SLO.</p>	<p>The School Director and the Director of Undergraduate Programs reviewed the results for SLO 1. The Instructor for the 4510C course retired as of spring 2019. The Director of Undergrads will track progress of SLO's with the new instructor.</p>
<p><u>PLO 2</u></p>		<p><u>PLO 2</u></p>	<p><u>PLO 2</u></p>
<p>2. Survey and quantify building components to estimate project costs, analyze progress, and control expenditures.</p>	<p>The assessment will be measured by:</p> <p>Assignment 7 in BCN 4787C - Construction Capstone Project</p>	<p>The level of achievement is: Assignment 7 in BCN 4787C: 80% of students score 70% or higher</p> <p>Results: Assignment 7 in BCN 4787C: Fall 2019: 100% of students scored 70% or higher (40 out of 40 students met the criterion) Spring 2020: 96% of students scored 70% or higher (48 out of 50 students met the criterion) Academic Year: 98% of students scored 70% or higher (88 out of 90 students met the criterion)</p> <p>This does meet the criteria for success for this SLO.</p>	<p>The School Director and the Director of Undergraduate Programs reviewed the results for SLO 2. All first semester Junior two semester courses were reviewed by the instructors, undergraduate Director, School Director and industry focus group and discussed changes or revisions to the course. This course to be reviewed by Industry Advisory Board in Fall 2020.</p>
<p><u>PLO 3</u></p>		<p><u>PLO 3</u></p>	<p><u>PLO 3</u></p>

<p>3. Create an effective planning, scheduling and control system by identifying, evaluating and organizing the diverse elements of a construction project.</p>	<p>The assessment will be measured by: Assignment 8 in BCN 4787C-Construction Capstone Project</p>	<p>The level of achievement is: Assignment 8 in BCN 4787C: 80% of students 70% or higher</p> <p>Results: Assignment 8 in BCN 4787C: Fall 2019: 90% of students scored 70% or higher (36 out of 40 students met the criterion) Spring 2020: 76% of students scored 70% or higher (38 out of 50 students met the criterion) Academic year: 83% of students scored a 70% or higher (74 of 90 students met the criterion)</p> <p>This does meet the criteria for success for this SLO.</p>	<p>The School Director and the Director of Undergraduate Programs reviewed the results for SLO 3. Based on their review, no action was needed. This course to be reviewed by Industry Advisory Board in Spring 2021.</p>
		<p>PLO 4</p>	<p>PLO 4</p>
<p>4. Set up and manage project administration and management systems to efficiently document and monitor the construction process.</p>	<p>The assessment will be measured by: Assignments 9, 10, 11, 12 in BCN 4787C - Construction Capstone Project</p>	<p>The level of achievement is: Assignment 9, 10, 11, 12 in BCN 4787C: 80% of students score 70% or higher</p> <p>Results: Assignment 9, 10, 11, 12 in BCN 4787C: Fall 2019: 90% of students scored 70% or higher (36 out of 40 students met the criterion) Spring 2020: 84% of the students scored a 70% or higher (42 out of 50 students met the criterion) Academic Year: 87% of students scored 70% or higher (78 out of 90 students)</p> <p>This does meet the criteria for success for this SLO.</p>	<p>The School Director and the Director of Undergraduate Programs reviewed the results for SLO 4. Based on our review, no action was needed.</p>
		<p>PLO 5</p>	<p>PLO 5</p>

<p>5. Describe technical and financial data effectively in speech and in writing to all stakeholders in the construction process.</p>	<p>The assessment will be measured by: presentation 1, 2, & 3 in BCN 4787C - Construction Capstone Project</p>	<p>The level of achievement is: Presentations 1, 2, & 3 in BCN 4787C: 80% of students 70% or higher</p> <p>Results: Presentations 1, 2, & 3 in BCN 4787C: 80% of students 70% or higher Fall 2019: 100% of students scored a 70% or higher (40 out of 40 students met the criterion) Spring 2020: 98% of students scored a 70% or higher (49 out of 50 students met the criterion) Academic Year: 99% of students scored a 70% or higher (89 out of 90 students met the criterion)</p> <p>This does meet the criteria for success for this SLO.</p>	<p>The School Director and the Director of Undergraduate Programs reviewed the results for SLO 5. Based on their review, no action was needed. This course to be reviewed by Industry Advisory Board in Spring 2021.</p>
		<p>2020-21 Results <u>PLO 1</u></p>	<p>Use of Results <u>PLO 1</u></p>
<p>1. Interpret knowledge of engineering, materials, methods, equipment, and processes to safely construct buildings and structures.</p>	<p>The assessment will be measured by: Tests 2, 3, 4 in BCN 4510C-Mechanical Systems Assignment 6 in BCN 4787C-Construction Capstone Project</p>	<p>The level of achievement is: Tests, 2, 3, 4 in BCN 4510C: 80% of students score 70% or higher Assignment 6 in BCN 4787C: 80% of students score 70% or higher Tests 2, 3, 4, in BCN 4510C: Fall 2020: 84% of students scored 70% or higher (52 of 62 students met the criterion) Spring 2021: 60% of students scored 70% or higher (34 of 57 students met the criterion) Academic year: 72% of students scored 70% or higher (86 of 119 students met the criterion)</p> <p>Assignment 6 in BCN 4787C: Fall 2020: 78% of students scored 70% or higher (21 out of 27 students met the criterion) Spring 2021: 93% of students scored 70% or higher (60 of 65 students met the criterion) Academic year: 85% of students scored 70% or higher (81 of 92 students met the criterion)</p> <p>This does NOT meet the criteria for success for this SLO.</p>	<p>The School Director and the Director of Undergraduate Programs reviewed the results for SLO 1. The Instructor for the 4510C course retired as of spring 2019. The Director of Undergrads will track progress of SLO's with the new instructor. Review of courses with graduating seniors reflected the instructor is doing well with course. Fall 2020 and spring 2021 grades heavily influenced by distance learning.</p>
		<p><u>PLO 2</u></p>	<p><u>PLO 2</u></p>

<p>2. Survey and quantify building components to estimate project costs, analyze progress, and control expenditures.</p>	<p>The assessment will be measured by: Assignment 7 in BCN 4787C - Construction Capstone Project</p>	<p>The level of achievement is: Assignment 7 in BCN 4787C: 80% of students score 70% or higher</p> <p>Results: Assignment 7 in BCN 4787C: Fall 2020: 81% of students scored 70% or higher (22 out of 27 students met the criterion) Spring 2021: 85% of students scored 70% or higher (55 out of 65 students met the criterion) Academic Year: 83% of students scored 70% or higher (77 out of 92 students met the criterion)</p> <p>This does meet the criteria for success for this SLO.</p>	<p>The School Director and the Director of Undergraduate Programs reviewed the results for SLO 2. All first semester Junior two semester courses were reviewed by the instructors, undergraduate Director, School Director and industry focus group and discussed changes or revisions to the course. This course to be reviewed by Industry Advisory Board in Fall 2020.</p>
<p>3. Create an effective planning, scheduling and control system by identifying, evaluating and organizing the diverse elements of a construction project.</p>	<p>The assessment will be measured by: Assignment 8 in BCN 4787C-Construction Capstone Project</p>	<p><u>PLO 3</u></p> <p>The level of achievement is: Assignment 8 in BCN 4787C: 80% of students 70% or higher</p> <p>Results: Assignment 8 in BCN 4787C: Fall 2020: 89% of students scored 70% or higher (24 out of 27 students met the criterion) Spring 2021: 80% of students scored 70% or higher (52 out of 65 students met the criterion) Academic year: 84.5% of students scored a 70% or higher (76 of 92 students met the criterion)</p> <p>This does meet the criteria for success for this SLO.</p>	<p><u>PLO 3</u></p> <p>The School Director and the Director of Undergraduate Programs reviewed the results for SLO 3. Based on their review, no action was needed. This course to be reviewed by Industry Advisory Board in Spring 2021. BCN 4787 engaged with course champion each semester. Deliverables and presentatiosn evaluated each semester.</p>
		<p><u>PLO 4</u></p>	<p><u>PLO 4</u></p>

<p>4. Set up and manage project administration and management systems to efficiently document and monitor the construction process.</p>	<p>The assessment will be measured by: Assignments 9, 10, 11, 12 in BCN 4787C - Construction Capstone Project</p>	<p>The level of achievement is: Assignment 9, 10, 11, 12 in BCN 4787C: 80% of students score 70% or higher</p> <p>Results: Assignment 9, 10, 11, 12 in BCN 4787C: Fall 2020: 78% of students scored 70% or higher (21 out of 27 students met the criterion) Spring 2021: 81.5% of the students scored a 70% or higher (53 out of 65 students met the criterion) Academic Year: 80% of students scored 70% or higher (74 out of 92 students)</p> <p>This does meet the criteria for success for this SLO.</p>	<p>The School Director and the Director of Undergraduate Programs reviewed the results for SLO 4. Based on our review, no action was needed. Course outline and material evaluated through out each semester. Finalist for capstone work reviewed by a combination of faculty and industry. Feedback used to reflect improvements in course deliverables.</p>
		<p><u>PLO 5</u></p>	<p><u>PLO 5</u></p>
<p>5. Describe technical and financial data effectively in speech and in writing to all stakeholders in the construction process.</p>	<p>The assessment will be measured by: presentation 1, 2, & 3 in BCN 4787C - Construction Capstone Project</p>	<p>The level of achievement is: Presentations 1, 2, & 3 in BCN 4787C: 80% of students 70% or higher</p> <p>Results: Presentations 1, 2, & 3 in BCN 4787C: 80% of students 70% or higher Fall 2020: 100% of students scored a 70% or higher (27 out of 27 students met the criterion) Spring 2021: 97% of students scored a 70% or higher (63 out of 65 students met the criterion) Academic Year: 98.5% of students scored a 70% or higher (90 out of 92 students met the criterion)</p> <p>This does meet the criteria for success for this SLO.</p>	<p>The School Director and the Director of Undergraduate Programs reviewed the results for SLO 5. Based on their review, no action was needed. This course to be reviewed by Industry Advisory Board in Spring 2021. BCN 4787 has all assignments as individual deliverables. Students present their projects in a professional manner and feedback allows them to improve both their content and delivery methods.</p>
<p>2021-2022</p>			
<p>Program Goals</p>	<p>Evaluation Method</p>	<p>Results</p>	<p>Use of Results</p>

<p>1. Increase total number of students enrolled by recruiting events and offering freshman and sophomore courses and scholarships</p>	<p>Count the number of registered undergraduate students enrolled at the Rinker School.</p> <p>Data collected from the University's Registered Students by term reports.</p>	<p>Goal: average of 315 undergraduate students registered for Construction Management per academic year</p> <p>Results: Fall 2021: 306 undergraduate students registered Spring 2022: 325 undergraduates students registered Academic year: average of 316 undergraduates students registered</p>	<p>Continued recruiting students from the BCN 1001 - Intro. to Construction Management course, DCP 1003 - Introduction to Design, Construction, and Planning college wide integrated retention course. Additional focus on recruiting accepted freshman to UF. Revised undergraduate required courses to lesson required prerequisites. Continue to award alumni club scholarships for freshman, change major and transfer students. Continue to support the Gator Design and Construction program at SFC and seek to develop more opportunities to support UF freshman activities such as Florida days and UF open houses. Director, with support from the Dean, is revamping the building interior space to allow for more visual access to course instructions by students experiencing the building. Goal is to use the building itself as a recruiting tool.</p>
<p>2. Maintain or increase current Percentage of Minority Students by attending various recruiting events.</p>	<p>Count the number of each minority category for undergraduate students enrolled at the Rinker School.</p> <p>Data collected from the University's Registered Students by term reports.</p>	<p>Goal: 35% of undergraduate students registered are in a diversity category</p> <p>Results: Fall 2021: 29% of undergraduate students (90 students) are in a diversity category Spring 2022: 29% of undergraduate students (95 students) are in a diversity category Academic year: average 29% of 316 undergraduate student average are in a diversity category</p>	<p>Continued to increase diversity among students by recruiting through high school program recruitment and community/state college recruitment. Continue to support UF freshman recruitment opportunities including the GDC program. Staff/Faculty continue to attend all available change of major events. Program continues to leverage current students to be part of recruiting efforts.</p>

3. Maintain or increase Number of Graduates by streamlining prerequisites and continuous tracking of students going through the program	Count the number of graduates Departmentally tracked data	Goal: 120 students graduate with a Bachelor of Science in Construction Management (BSCM) each academic year Results: Fall 2021: 35 students graduated with the BSCM degree Spring 2022: 64 students graduated with the BSCM degree Summer 2022: 1 students graduated with the BSCM degree Academic year: 100 students graduated with a Bachelor of Science in Construction Management	Director and undergraduate committee reviewed classroom loads and faculty loads to create a three year look ahead that optimized the student learning outcome with program resources. Starting with Fall 2021 program prerequisites reduced from 14 tracking courses to 9 tracking courses. The program will continue to analyze the pre-bcn students experience to see what additional changes may allow for less additional courses for those change major students.
Student Learning Outcomes	Assessment Method	Results	Use of Results
1. Interpret knowledge of engineering, materials, methods, equipment, and processes to safely construct buildings and structures.	The assessment will be measured by: Tests 2, 3, 4 in BCN 4510C-Mechanical Systems Assignment 6 in BCN 4787C-Construction Capstone Project	The level of achievement is: Tests, 2, 3, 4 in BCN 4510C: 80% of students score 70% or higher Assignment 6 in BCN 4787C: 80% of students score 70% or higher Tests 2, 3, 4, in BCN 4510C: Fall 2021: 99% of students scored 70% or higher (67 of 68 students met the criterion) Spring 2022: 74% of students scored 70% or higher (35 of 47 students met the criterion) Academic year: 89% of students scored 70% or higher (102 out of 115 students met the criterion) Assignment 6 in BCN 4787C: *Include on Compliance Assist the following file: K:\BCN\Share\Reports\ACCE\Accreditation\Accreditation2021\Appendices\ACCE Course Folder\BCN 4787C - Construction Capstone Project\R-SLO4 Fall 2020: 66% of students scored 70% or higher (25 out of 38 students met the criterion) Spring 2021: 82% of students scored 70% or higher (54 of 66 students met the criterion) Academic year: 76% of students scored 70% or higher (79 of 104 students met the criterion) NO - This does NOT meet the criteria for success for this SLO.	The School Director and the Director of Undergraduate Programs reviewed the results for SLO 1. The Instructor for the 4510C course retired as of spring 2019. The Director of Undergrads will track progress of SLO's with the new instructor. Review of courses with graduating seniors reflected the instructor is doing well with course. Fall 2020 and spring 2021 grades heavily influenced by distance learning. Assessments appear to be effective.

<p>2. Survey and quantify building components to estimate project costs, analyze progress, and control expenditures.</p>	<p>The assessment will be measured by:</p> <p>Assignment 7 in BCN 4787C - Construction Capstone Project</p>	<p>The level of achievement is: Assignment 7 in BCN 4787C: 80% of students score 70% or higher</p> <p>Results: Assignment 7 in BCN 4787C: <i>*Include on Compliance Assist the following file:</i> <i>K:\BCN\Share\Reports\ACCE\Accreditation\Accreditation2021\Appendices\ACCE Course Folder\BCN 4787C - Construction Capstone Project\R-SLO5</i></p> <p>Fall 2021: 89% of students scored 70% or higher (34 out of 38 students met the criterion) Spring 2022: 95% of students scored 70% or higher (63 out of 66 students met the criterion) Academic Year: 93% of students scored 70% or higher (97 out of 104 students met the criterion)</p> <p>Yes - this does meet the criteria for success for this SLO.</p>	<p>The School Director and the Director of Undergraduate Programs reviewed the results for SLO 2. All first semester Junior two semester courses were reviewed by the instructors, undergraduate Director, School Director and industry focus group and discussed changes or revisions to the course. This course to be reviewed by Industry Advisory Board in Fall 2020. Assessments appear to be effective.</p>
<p>3. Create an effective planning, scheduling and control system by identifying, evaluating and organizing the diverse elements of a construction project.</p>	<p>The assessment will be measured by:</p> <p>Assignment 8 in BCN 4787C-Construction Capstone Project</p>	<p>The level of achievement is: Assignment 8 in BCN 4787C: 80% of students 70% or higher</p> <p>Results: Assignment 8 in BCN 4787C: <i>*Include on Compliance Assist the following file:</i> <i>K:\BCN\Share\Reports\ACCE\Accreditation\Accreditation2021\Appendices\ACCE Course Folder\BCN 4787C - Construction Capstone Project\R-SLO12</i></p> <p>Fall 2021: 71% of students scored 70% or higher (27 out of 38 students met the criterion) Spring 2022: 79% of students scored 70% or higher (56 out of 66 students met the criterion) Academic year: 80% of students scored a 70% or higher (83 of 104 students met the criterion)</p> <p>Yes - this does meet the criteria for success for this SLO.</p>	<p>The School Director and the Director of Undergraduate Programs reviewed the results for SLO 3. Based on their review, no action was needed. This course to be reviewed by Industry Advisory Board in Spring 2021. BCN 4787 engaged with course champion each semester. Deliverables and presentations evaluated each semester.</p>

<p>4. Set up and manage project administration and management systems to efficiently document and monitor the construction process.</p>	<p>The assessment will be measured by: Assignments 9, 10, 11, 12 in BCN 4787C - Construction Capstone Project</p>	<p>The level of achievement is: Assignment 9, 10, 11, 12 in BCN 4787C: 80% of students score 70% or higher</p> <p>Results: Assignment 9, 10, 11, 12 in BCN 4787C: <i>*Include on Compliance Assist the following file:</i> <i>K:\BCN\Share\Reports\ACCE\Accreditation\Accreditation2021\Appendices\ACCE Course Folder\BCN 4787C - Construction Capstone Project\DA-SLO10</i></p> <p>Fall 2021: 58% of students scored 70% or higher (22 out of 38 students met the criterion) Spring 2022: 82% of the students scored a 70% or higher (54 out of 66 students met the criterion) Academic Year: 73% of students scored 70% or higher (76 out of 104 students)</p> <p>NO - This does NOT meet the criteria for success for this SLO.</p>	<p>The School Director and the Director of Undergraduate Programs reviewed the results for SLO 4. Based on our review, no action was needed. Course outline and material evaluated through out each semester. Finalist for capstone work reviewed by a combination of faculty and industry. Feedback used to reflect improvements in course deliverables. Assessments appear to be effective. Faculty to address a certain level of student empathy post-covid by those students that earn just enough points to pass. This cohort is skewing the overall performance and scores related to the tracked SLO's.</p>
<p>5. Describe technical and financial data effectively in speech and in writing to all stakeholders in the construction process.</p>	<p>The assessment will be measured by: presentation 1, 2, & 3 in BCN 4787C - Construction Capstone Project</p>	<p>The level of achievement is: Presentations 1, 2, & 3 in BCN 4787C: 80% of students 70% or higher</p> <p>Results: Presentations 1, 2, & 3 in BCN 4787C: 80% of students 70% or higher <i>*Include on Compliance Assist the following file:</i> <i>K:\BCN\Share\Reports\ACCE\Accreditation\Accreditation2021\Appendices\ACCE Course Folder\BCN 4787C - Construction Capstone Project\DA-SLO2</i></p> <p>Fall 2021: 89% of students scored a 70% or higher (34 out of 38 students met the criterion) Spring 2021: 95% of students scored a 70% or higher (63 out of 66 students met the criterion) Academic Year: 93% of students scored a 70% or higher (97 out of 104 students met the criterion)</p> <p>Yes - this does meet the criteria for success for this SLO.</p>	<p>The School Director and the Director of Undergraduate Programs reviewed the results for SLO 5. Based on their review, no action was needed. This course was reviewed by Industry Advisory Board in Spring 2021. BCN 4787 has all assignments as individual deliverables. Students present their projects in a professional manner and feedback allows them to improve both their content and delivery methods. Assessments appear to be effective.</p>

2022-23

Program Goals (<i>Indirect Ass</i>)	Evaluation Method	Results	Use of Results
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<p>1. Increase total number of students enrolled by recruiting events and offering freshman and sophomore courses and scholarships</p>	<p>Count the number of registered undergraduate students enrolled at the Rinker School.</p> <p>Data collected from the University's Registered Students by term reports.</p>	<p>Goal: average of 315 undergraduate students registered for Construction Management per academic year</p> <p>Results: Fall 2022: 328 undergraduate students registered Spring 2023: 328 undergraduates students registered Academic year: average of 328 undergraduates students registered</p>	<p>Continued recruiting students from the BCN 1001 - Intro. to Construction Management course, DCP 1003 - Introduction to Design, Construction, and Planning college wide integrated retention course. Additional focus on recruiting accepted freshman to UF. Adjusting Prerequisite courses to allow for more flexibility in change of major students. Starting with Fall 2021 program prerequisites reduced from 14 tracking courses to 9 tracking courses Prerequisite adjustments have created flexibility for native UF students to transfer to construction management. Building renovations have allowed the building to be used as a recruiting tool for native UF students.</p>
<p>2. Maintain or increase current Percentage of Minority Students by attending various recruiting events.</p>	<p>Count the number of each minority category for undergraduate students enrolled at the Rinker School.</p> <p>Data collected from the University's Registered Students by term reports.</p>	<p>Goal: 35% of undergraduate students registered are in a diversity category</p> <p>Results: Fall 2022: 30% of undergraduate students (99 students) are in a diversity category Spring 2023: 30% of undergraduate students (98 students) are in a diversity category Academic year: average 30% of 328 undergraduate student average are in a diversity category</p>	<p>Continued to increase diversity among students by recruiting through high school program recruitment and community/state college recruitment. Continue to support UF freshman recruitment opportunities including the GDC program. Staff/Faculty continue to attend all available change of major events. Program continues to leverage current students to be part of recruiting efforts.</p>

<p>3. Maintain or increase Number of Graduates by streamlining prerequisites and continuous tracking of students going through the program</p>	<p>Count the number of graduates</p> <p>Departmentally tracked data</p>	<p>Goal: 120 students graduate with a Bachelor of Science in Construction Management (BSCM) each academic year</p> <p>Results: Fall 2022: 41 students graduated with the BSCM degree Spring 2023: 54 students graduated with the BSCM degree</p> <p>Academic year: 95 students graduated with a Bachelor of Science in Construction Management</p>	<p>Director and undergraduate committee reviewed classroom loads and faculty loads to create a three year look ahead that optimized the student learning outcome with program resources. . The program will continue to analyze the pre-bcn students experience to see what additional changes may allow for less additional courses for those change major students. Increase request for industry involvement in pre-construction management courses is proving to have a positive impact on attendees to the construction management career fair which has a positive impact on student retention.</p>
Student Learning Outcomes	Assessment Method	Results	Use of Results
<p>1. Interpret knowledge of engineering, materials, methods, equipment, and processes to safely construct buildings and structures.</p>	<p>The assessment will be measured by:</p> <p>Tests 2, 3, 4 in BCN 4510C-Mechanical Systems</p> <p>Assignment 6 in BCN 4787C-Construction Capstone Project</p>	<p>The level of achievement is: Tests, 2, 3, 4 in BCN 4510C: 80% of students score 70% or higher Assignment 6 in BCN 4787C: 80% of students score 70% or higher Tests 2, 3, 4, in BCN 4510C: Fall 2022: 84% of students scored 70% or higher (43 of 51 students met the criterion) Spring 2023: 76% of students scored 70% or higher (26 of 34 students met the criterion) Academic year: 81% of students scored 70% or higher (69 out of 85 students met the criterion)</p> <p>Assignment 6 in BCN 4787C: Fall 2022: 79% of students scored 70% or higher (34 out of 43 students met the criterion) Spring 2023: 83% of students scored 70% or higher (44 of 53 students met the criterion) Academic year: 81% of students scored 70% or higher (78 of 96 students met the criterion)</p> <p>YES - This does meet the criteria for success for this SLO.</p>	<p>The School Director and the Director of Undergraduate Programs reviewed the results for SLO 1. BCN4510 continues to evolve and address current issues regarding mechanical equipment and design. BCN478C serves as keystone to assessing our students with regard to knowledge application. Assessments appears to thorough and accurate based on student, industry, and faculty input..</p>

<p>2. Survey and quantify building components to estimate project costs, analyze progress, and control expenditures.</p>	<p>The assessment will be measured by: Assignment 7 in BCN 4787C - Construction Capstone Project</p>	<p>The level of achievement is: Assignment 7 in BCN 4787C: 80% of students score 70% or higher</p> <p>Results: Assignment 7 in BCN 4787C: Fall 2022: 84% of students scored 70% or higher (36 out of 43 students met the criterion) Spring 2023: 85% of students scored 70% or higher (45 out of 63 students met the criterion) Academic Year: 84% of students scored 70% or higher (81 out of 96 students met the criterion)</p> <p>Yes - this does meet the criteria for success for this SLO.</p>	<p>The School Director and the Director of Undergraduate Programs reviewed the results for SLO 2. BCN4787 serves as the capstone for introduction and reinforce prerequisites. The course allows for the evaluation of creative assignments and reflects student learning.</p>
<p>3. Create an effective planning, scheduling and control system by identifying, evaluating and organizing the diverse elements of a construction project.</p>	<p>The assessment will be measured by: Assignment 8 in BCN 4787C-Construction Capstone Project</p>	<p>The level of achievement is: Assignment 8 in BCN 4787C: 80% of students 70% or higher</p> <p>Results: Assignment 8 in BCN 4787C: Fall 2022: 67% of students scored 70% or higher (29 out of 43 students met the criterion) Spring 2023: 91% of students scored 70% or higher (48 out of 53 students met the criterion) Academic year: 80% of students scored a 70% or higher (77 of 96 students met the criterion)</p> <p>Yes - this does meet the criteria for success for this SLO.</p>	<p>The School Director and the Director of Undergraduate Programs reviewed the results for SLO 3. Based on their review, no action was needed. This course to be reviewed by Industry Advisory Board in Spring 2021. BCN 4787 engaged with course champion each semester. Deliverables and presentations evaluated each semester.</p>
<p>4. Set up and manage project administration and management systems to efficiently document and monitor the construction process.</p>	<p>The assessment will be measured by: Assignments 9, 10, 11, 12 in BCN 4787C - Construction Capstone Project</p>	<p>The level of achievement is: Assignment 9, 10, 11, 12 in BCN 4787C: 80% of students score 70% or higher</p> <p>Results: Assignment 9, 10, 11, 12 in BCN 4787C: Fall 2022: 70% of students scored 70% or higher (30 out of 43 students met the criterion) Spring 2023: 70% of the students scored a 70% or higher (36 out of 53 students met the criterion) Academic Year: 69% of students scored 70% or higher (66 out of 96 students)</p> <p>NO - This does NOT meet the criteria for success for this SLO.</p>	<p>The School Director and the Director of Undergraduate Programs reviewed the results for SLO 4. Based on our review, no action was needed. Course outline and material evaluated through out each semester. Finalist for capstone work reviewed by a combination of faculty and industry. Feedback used to reflect improvements in course deliverables. Assessments appear to be effective.</p>

<p>5. Describe technical and financial data effectively in speech and in writing to all stakeholders in the construction process.</p>	<p>The assessment will be measured by: presentation 1, 2, & 3 in BCN 4787C - Construction Capstone Project</p>	<p>The level of achievement is: Presentations 1, 2, & 3 in BCN 4787C: 80% of students 70% or higher</p> <p>Results: Presentations 1, 2, & 3 in BCN 4787C: 80% of students 70% or higher Fall 2022: 91% of students scored a 70% or higher (39 out of 43 students met the criterion) Spring 2023: 96% of students scored a 70% or higher (51 out of 53 students met the criterion) Academic Year: 94% of students scored a 70% or higher (90 out of 96 students met the criterion)</p> <p>Yes - this does meet the criteria for success for this SLO.</p>	<p>The School Director and the Director of Undergraduate Programs reviewed the results for SLO 5. Based on their review, no action was needed. This course was reviewed by Industry Advisory Board in Spring 2023. BCN 4787 has all assignments as individual deliverables. Students present their projects in a professional manner and feedback allows them to improve both their content and delivery methods. Assessments appear to be effective.</p>
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