

Program Plan and Findings: Four Column Layout



Program (CEAT) - ARCH - Architecture (BAR) - 021

Program Mission Statement: The School of Architecture prepares future architects and architectural engineers to make vital contributions to humanity through the creation of architecture. The School focuses its unique combination of accredited programs in architecture and architectural engineering to prepare and inspire students for the professional leadership roles and responsibilities required to shape the physical environment and to have a positive impact on the social, economic and cultural qualities of life in Oklahoma and the entire international context.

The School of Architecture endeavors to instill in each individual a sensitivity to human needs, a genuine concern for quality, integrity and high ideals, a positive attitude for life-long learning, and an appreciation for one's own self-esteem.

The "concept" for our school and the focus of our studios is to mirror the societal responsibilities of our profession and to promote a thoughtfully designed response to the environmental needs of our culture.

The range of design concerns, from the scale and needs of a single individual to the collective interaction of thousands, are studied and responded to in a project to project sequence throughout the five year undergraduate program.

An emphasis on providing a service to the university and the public enhances the design studio experience, and provides an opportunity for each student to make a contribution to their community, their state and nation.

Program Information

2019 - 2020

Program Information

Assessment Coordinator's Name: Tom Spector

Assessment Coordinator's E-mail Address: tom.spector@okstate.edu

Total Number of Students Graduated: 31

Number of Students Enrolled in the Program: 307

Number of Student Graduates from Stillwater Campus: 31

Were university assessment funds used by the department/program for assessment activities?: Yes

If yes, describe how funds were used and the contribution the funds had on the assessment process: honoraria paid to visiting design professionals for participating in the juries from which they derive their assessments

Number of Student Graduates from Tulsa Campus: 0

Annual Executive Summaries

2019 - 2020

Program Assessment Coordinator: Tom Spector

Plan Review and Approval

Date Current Plan Was Reviewed and Approved: 04/01/2020

Date of Future Plan Review and Approval: 02/01/2021

Summary of Assessment Findings

Describe overall assessment findings and faculty members' interpretation of the assessment results: The results indicated no areas of concern.

Dissemination of Findings

Describe the individual(s) or committee responsible for reviewing and interpreting assessment data: Tom Spector, chair, Jeanne Homer and Khaled Mansy are the assessment committee members who perform the initial review. The department chair then reviews the report.

Describe the process for sharing and discussing assessment findings with program faculty: One faculty meeting per year devotes time to dissemination and discussion of the assessment committee results.

At this meeting the committee solicits comments regarding the degree of match between the assessment committee report and informal faculty observations, as well as discussion regarding any changes the entire faculty might agree upon to the assessed learning outcomes.

Program Improvements Based on Assessment

Based on data collected this year, what changes are being considered or planned for the program?: No changes to the curriculum are contemplated as a result of this report.

Based on this year's findings, what (if any) changes are planned for the assessment process?: The assessment committee is still gathering data on the pass and completion rates of recent alumni on the Architects' Registration Exam. While this source provides clear numerical data, the results so far do not map well with our learning outcomes. Furthermore, the sample size in some years and on some sections of the exam can be too small to be statistically useful. Changes began in 2016 to the ARE (version 5.0) portend a better fit to our learning outcomes. We are still looking at the ARE (Architects Registration Exam) results as indicators of program strengths and weaknesses even though those results do not map exactly with our learning outcomes. The ARE results of 2019 show OSU SOA graduates outperforming national averages on every section of the exam, which is encouraging to the soundness of the overall effort.

Describe the process for implementing these changes/planned program improvements: The assessment committee will continue to monitor developments in the ARE to eventually make a recommendation to the entire faculty. The faculty will have to agree that this source of data is useful and valid to adopt it as an assessment tool.

Program Improvements Made in the Last Year: Curriculum Improvements

"Other" Improvements:

Goals for the Coming Year: To maintain the robustness of the assessment data even in the face of possible campus closure due to the pandemic.

Is this Summary Report Complete?: Yes

List all individuals associated with this report preparation: Tom Spector

<i>Outcomes</i>	<i>Assessment Methods</i>	<i>Findings</i>	<i>Use of Findings (Actions)</i>
<p>Creative Problem Solving - Ability to solve architectural problems (creative problem solving) Outcome Status: Active Planned Assessment Year: 2016 - 2017, 2017 - 2018, 2018 - 2019, 2019 - 2020 Start Date: 09/03/2018 Archived Date: Outcome Type: Skills</p>	<p>Visiting professionals who attended two juried presentations from each student rated each student's project according to their impressions in relation to the phase of the project.</p> <p>* Learning Outcome Goal/Benchmark: We consider a composite average of 3.5 or better to indicate adequate performance</p>	<p>Reporting Period: 2019 - 2020 Conclusion: 3 - Meets Program Expectations (Proficient) professionals' overall assessment of student work meets program expectations and has risen in recent years from 4.2 to 4.40 (09/10/2020) Number of Students Assessed: 27 Number of Successful Students: 25 How were students selected to participate in the assessment of this outcome?: all students in arch 4116,</p>	<p>Use of Findings (Actions): report to full SOA faculty (09/10/2020)</p>

Outcomes	Assessment Methods	Findings	Use of Findings (Actions)
<p>Reason for Archival:</p>	<p>for the students as a whole in comprehensive studio. A score between 3.5 and 3 merits concern and monitoring. A score below 3 merits action.</p> <p>Timeline for Assessment: Yearly Other Assessment Type: Survey - 2019 alumni survey question Arch 12 * Learning Outcome Goal/Benchmark: a score of 3.5 or above indicates the criteria is well met. A score of 3-3.5 merits concern. A score below 3 merits action. Timeline for Assessment: biannually Other Assessment Type:</p>	<p>comprehensive design studio students who responded to the alumni telephone survey What do the findings suggest about student achievement of this learning outcome?: meets expectations</p>	
<p>Communication - Ability to communicate ideas effectively Outcome Status: Active Planned Assessment Year: 2016 - 2017, 2017 - 2018, 2018 - 2019, 2019 - 2020 Start Date: 09/03/2018 Archived Date: Outcome Type: Skills Reason for Archival:</p>	<p>Performance or Jury - Professional jurors reviewing student work on two occasions. * Learning Outcome Goal/Benchmark: For the visiting jurors, the goal was a score of 3.5 or better on the survey forms.</p> <p>Timeline for Assessment: Yearly Other Assessment Type:</p> <p>Survey - 2019 alumni survey * Learning Outcome Goal/Benchmark: from the 2019 alumni survey a score of 3.5 or better on survey question Arch 13. Timeline for Assessment: biannual</p>	<p>Reporting Period: 2019 - 2020 Conclusion: 3 - Meets Program Expectations (Proficient) the average score of the responses for 27 students in comprehensive studio was 4.47 -- up from 4.11 from 2018-2019. This inclusive of the fact that the second student presentations (the design development presentations) were online due to covid. This score is close to exceeding our expectations. (09/10/2020) Number of Students Assessed: 27 Number of Successful Students: 25 How were students selected to participate in the assessment of this outcome?: all students in Arch 4216, comprehensive studio were evaluated. What do the findings suggest about student achievement of this learning outcome?: no changes or concerns are registered.</p>	<p>Use of Findings (Actions): findings will be reported to School of Architecture Faculty at a meeting in early 2020. (09/10/2020)</p>

Outcomes	Assessment Methods	Findings	Use of Findings (Actions)
<p>Design Process - Understanding the overall architectural design process</p> <p>Outcome Status: Active</p> <p>Planned Assessment Year: 2016 - 2017, 2017 - 2018, 2018 - 2019, 2019 - 2020</p> <p>Start Date: 09/03/2018</p> <p>Archived Date:</p> <p>Outcome Type: Knowledge</p> <p>Reason for Archival:</p>	<p>Other Assessment Type:</p> <p>An invited jury of practicing professionals assessed the fourth year students in Arch 4216, Comprehensive studio, on two occasions during the semester: at schematic design juries in February and again at the Design Development juries in April. They review and assess the entire class's work. The professionals were asked to assess:</p> <ul style="list-style-type: none"> • The students revealed an ability to effectively integrate a variety of spatial and building systems. <p>* Learning Outcome</p> <p>Goal/Benchmark: For both the comprehensive studio juries and the PAC portfolio evaluations an average score exceeding 3.5 was set as acceptable. A score between 3 and 3.5 merits concern, and a score below 3 merits committee action.</p> <p>Timeline for Assessment: Yearly</p> <p>Other Assessment Type:</p>	<p>Reporting Period: 2019 - 2020</p> <p>Conclusion: 4 - Exceeds Program Expectations (Advanced)</p> <p>The visiting jurors found that the students merited a very high evaluation of 4.6. not as high as last year's group, which merited a 4.9, but still high enough to exceed expectations. (09/10/2020)</p> <p>Number of Students Assessed: 27</p> <p>Number of Successful Students: 25</p> <p>How were students selected to participate in the assessment of this outcome?: all 4th year students in the School of Architecture are evaluated</p> <p>What do the findings suggest about student achievement of this learning outcome?: no changes to the program are merited</p>	<p>Use of Findings (Actions): findings will be reported to School of Architecture faculty in early 2020. (09/10/2020)</p>