OFFICE OF ACADEMIC ASSESSMENT
The UNIVERSITY *of* OKLAHOMA

Program Assessment Report

2022 - 2023

COA - Architecture (BArch)

Program General Information

General Information

Mission

The American School of Architecture cultivates designers known for balancing creativity and innovation with resourcefulness and pragmatism. Sensitive to the impacts of climate change, we draw lessons from Oklahoma's cultural context and natural landscape. Our research and creative practices inspire students and faculty to work together to envision a future where communities are healthy, resilient, and just.

College

Architecture

Department/School/Division

Architecture

Assessment Liaison

Daniel Butko

Problem Solving and Design

Student Learning Outcome (SLO)
Upon completion of the degree program, students should be able to : demonstrate creative architectural problem-solving design.

Outcome Status
Active

Direct - Project

Assessment Method Description
The direct measure of Outcome #1 is through the faculty's evaluation of the comprehensive design submitted by each of the graduating students in the forms of 1) drawings and models, and 2) the Book that documents each student's design process.

Performance Target
100% of the students receive at least a 70% score regarding their comprehensive design (drawings and book) in Design Studio X.

Related Documents
Design Project Rubric.pdf

Assessment Results and Use of Results

Reporting Period
2022 - 2023

Assessment Results Entry Date
09/27/2023

Assessment Results
100% of students earned a 70% or higher score in Design Studio X. The overall class GPA was 3.37/4.00 which equates to 84.3% which far exceeds the 70% minimum. We will continue on this path given the success here.

Results Status
Target Met

Number of Students Assessed
29

USE OF ASSESSMENT RESULTS

Curriculum
The Division of Architecture Curriculum Committee continues to review and improve course and assignment objectives and integration based on faculty, student, industry, and Professional Advisory Board input.

Faculty Development
Continuing Education both as required for professional licensure and pedagogy.

Other
Given students' success we will continue to employ the rigorous project based learning methods that have been carefully developed for this course.

Indirect - Student Survey

Assessment Method Description
An exit survey will be administered to graduating students that asks students if they believe they are adequately prepared for design within an architectural practice.

Performance Target
The target is that 100% of students answer "yes" to the question of feeling well prepared for architectural practice.

Assessment Results and Use of Results

Reporting Period
2022 - 2023

Assessment Results Entry Date
09/27/2023

Assessment Results
100% of students who responded to the survey reported feeling prepared for design within an architectural practice based upon gained classroom and co-op experience.

Results Status
Target Met

Number of Students Assessed
23

USE OF ASSESSMENT RESULTS

Curriculum
The Division of Architecture Curriculum Committee meets regularly with students, faculty, and administration to determine best courses of action for curriculum adjustments and stronger integration across courses, interdisciplinary collaborations, professional practice, industry partners, technology, material science, data driven design, alumni interactions, and Architectural Registration Exam (ARE) score post graduation. The Division of Architecture Student Development Committee also meet regularly to enhance the student experience relating to studio culture policy, midterm and final review procedures, inviting external design professionals for lectures and reviews, student organizations, and various other student focused efforts. We are also holding at least one all student and faculty meeting per semester to foster conversations, share expectations and policies, and promote interactions across year levels. This statement serves most responses for all our degree paths.

Faculty Development
The Division of Architecture Faculty Development Committee meets regularly with faculty and administration for all things relating to continuing education, student to faculty interactions, and various other pertinent topics. This statement serves most responses for all our degree paths.

Other
Given our success here, we will continue on our current path in preparing students for practice through our professional practice course sequence.

Student Learning Outcome 2 - Understanding of Concepts

Student Learning Outcome (SLO)
Upon completion of the related required courses, students should be able to: demonstrate an understanding of structural, mechanical, electrical and plumbing concepts.

Outcome Status
Active

Direct - Examination

Assessment Method Description
The direct measure of Outcome #2 is through the faculty's evaluation of homework assignments, quizzes and exams in three structures courses, and three methods/systems courses (Methods V, VI, and VII). The second method of assessment is through the evaluation of students' comprehensive design (drawings and Book).

Performance Target
90% of the students receive at least a 70% score in their structures and methods courses, and 100% of graduating students demonstrate competence with these issues through their comprehensive design project.

Related Documents
Methods-Structures Rubric.pdf

Assessment Results and Use of Results

Reporting Period
2022 - 2023

Assessment Results Entry Date

09/27/2023

Assessment Results

96.2% of the 211 students enrolled in these courses (Structures I, II, and III and Methods V, VI, and VII) received at least a 70% score. The total combined GPA was 3.24/4.00 which equates to 81% overall grade in the combined courses and includes the few course grades below 70%. 100% of the 29 students enrolled in Design X received at least a 70% on their comprehensive design.

Results Status

Target Met

Number of Students Assessed

211

USE OF ASSESSMENT RESULTS

Other

To help students in our program succeed in the more challenging structures courses, we previously introduced a student-to-student mentoring program. This complements the structures tutoring already available as well as the generous office hours of the instructor. This peer mentoring program has helped students develop better study habits. We also adjusted the previously 100% of students receiving at least a 70% in the course to 90% based on some recent concerns and issues we have seen with student mental health, family situations, finances and need to work more, and other circumstances leading to less than ideal performance in the classroom.

Indirect - Student Survey

Assessment Method Description

An exit survey will be administered to graduating students that asks students if they believe they are adequately prepared for design within an architectural practice.

Performance Target

100% of students answer "yes" to the question of feeling well prepared to design a comprehensively conceived building.

Assessment Results and Use of Results

Reporting Period

2022 - 2023

Assessment Results Entry Date

09/27/2023

Assessment Results

100% of student survey responses indicated students feel prepared to design within an architectural practice.

Results Status

Target Met

Number of Students Assessed

23

USE OF ASSESSMENT RESULTS

Other

Given our success here, we will continue on our current path in preparing students for practice through our professional practice course sequence.

Student Learning Outcome 3 - Understanding of Historical and Contemporary Ideas

Student Learning Outcome (SLO)

Upon completion of the related required courses, students should be able to: demonstrate an understanding of historical and contemporary architectural ideas.

Outcome Status

Active

Direct - Project

Assessment Method Description

The direct measure of Outcome #3 is through the faculty's evaluation of written assignments and papers from the four courses in our history/theory/criticism sequence. The second method of assessment is through the evaluation of graduating students' comprehensive design in the form of the Book.

Performance Target

The target is that 95% of the students in the three history courses and the students in the theory/criticism courses receive at least a 70% score in their respective history/theory/criticism courses. Additionally, 100% of the graduating students receive at least a 70% score on their comprehensive design (the Book), through which students must articulate the architectural ideas and their historical/theoretical/critical context, that underpin their individual design.

Related Documents

Writing Project Rubric.pdf

Assessment Results and Use of Results

Reporting Period

2022 - 2023

Assessment Results Entry Date

09/27/2023

Assessment Results

97% of 364 undergraduate students enrolled in the four history and theory courses received at least a 70% score. The overall GPA was 3.38/4.00 which equates to 84.5% for all courses combined, including the few course grades below 70%. 100% of the 29 undergraduate students in Design X received a 70% or higher on their comprehensive design project.

Results Status

Target Met

Number of Students Assessed

364

USE OF ASSESSMENT RESULTS

Curriculum

A committee of faculty evaluated our history and theory curriculum in the spring of 2022 to prepare for our external accreditation. They made a number of recommendations to improve this sequence of courses in our curriculum including adding more emphasis on writing assignments earlier in the curriculum.

Other

We also adjusted the previous 100% of students receiving at least a 70% in the course to 95% based on various factors students are currently experiencing which result in less than ideal performance in the classroom. As faculty, we remind students of campus resources to help with mental health, finances, relationships, etc.

Indirect - Student Survey

Assessment Method Description

An exit survey will be administered to graduating students that asks if they believe they are adequately prepared to practice within and architectural practice.

Performance Target

Students answer "yes" to the question of feeling well prepared for architectural practice and in terms of writing skills.

Assessment Results and Use of Results

Reporting Period

2022 - 2023

Assessment Results Entry Date

09/27/2023

Assessment Results

Survey respondents indicated they are prepared for architectural practice and prepared in terms of writing skills.

Results Status

Target Met

Number of Students Assessed

23

USE OF ASSESSMENT RESULTS

Other

Given our success here, we will continue on our current path in preparing students for practice through our professional practice course sequence.

Student Learning Outcome 4 - Understanding of Leadership and Collaboration

Student Learning Outcome (SLO)

Upon completion of the related required courses, students should be able to: demonstrate an understanding of leadership and collaboration in architectural practice.

Outcome Status

Active

Direct - Annual Performance Report by Faculty/Adviser

Assessment Method Description

The direct measure of Outcome #4 is through the faculty's evaluation of Design Studio X, which includes a collaborative urban design project

Performance Target

100% of the students in Design X receive at least a 70% score in the course.

Assessment Results and Use of Results

Reporting Period

2022 - 2023

Assessment Results Entry Date

09/27/2023

Assessment Results

100% of the 29 students enrolled earned a 70% or higher on their Design X project. The overall class GPA was 3.37/4.00 which equates to 84.3%.

Results Status

Target Met

Number of Students Assessed

29

USE OF ASSESSMENT RESULTS

Methods of Assessment

Methods IX is another course these same students take the semester before Design Studio X. That course also includes assignments and objectives including collaboration, ethics, leadership, and an overall approach to professional practice. The same 29 students collectively earned a 3.52/4.00 class GPA (88%) which exceed the minimum 70%

Other

We will continue to focus on collaborative project based learning.

Indirect - Student Survey

Assessment Method Description

An exit survey will be administered to graduating students that asks students if they believe they are adequately prepared to practice within an architectural practice.

Performance Target

100% of students answer "yes" to the question of feeling well prepared for architectural practice.

Assessment Results and Use of Results

Reporting Period
2022 - 2023

Assessment Results Entry Date
09/27/2023

Assessment Results
100% of survey respondents indicated they feel well prepared for architectural practice.

Results Status
Target Met

Number of Students Assessed
23

USE OF ASSESSMENT RESULTS
Other
Given our success here, we will continue on our current path in preparing students for practice through our professional practice course sequence and collaborative project based learning.

Program Effectiveness Outcome 1 - Graduate School

Student Learning Outcome (SLO)
Students will pursue graduate school after graduation and be accepted at a program of the student's choice.

Outcome Status
Active

Indirect - Student Survey

Assessment Method Description
An exit survey administered to graduating students shall assess if students are pursuing a graduate degree and being accepted at programs of their choice.

Performance Target
We no longer expect students graduating from this program to pursue a graduate program due to the option of the Accelerated M.Arch we currently offer.

Assessment Results and Use of Results

Reporting Period
2022 - 2023

Assessment Results Entry Date
09/27/2023

Assessment Results
This SLO should be reconsidered based on our Accelerated Master of Architecture degree path which provides the option for UG B.Arch students beginning their fourth year in the program. Thus, students who continue in the B.Arch program chose not to pursue a master degree. Approximately 1/3 to 1/2 of the students who begin in the B.Arch students transfer into the Accelerated M.Arch program prior to graduation. Other B.Arch students opt for our M.Sc. in Architecture degree, the OU Construction Management master program, or apply and attend Graduate programs other institutions.

Results Status
Target Met

Number of Students Assessed
29

USE OF ASSESSMENT RESULTS
Other
Faculty will continue to encourage students to pursue our accelerated graduate program, other OU graduate programs, or external graduate programs and support them in their applications.

Program Effectiveness Outcome 2 - Employment

Student Learning Outcome (SLO)
Graduate completing their B.Arch will find employment within three months of graduation.

Outcome Status
Active

Indirect - Student Survey

Assessment Method Description
An exit survey and informal email correspondence shall serve as the assessment method.

Performance Target
100% of students pursuing employment after graduation shall find jobs within three months of graduation.

Assessment Results and Use of Results

Reporting Period
2022 - 2023

Assessment Results Entry Date
09/27/2023

Assessment Results
Of the students who responded to the survey in the spring before graduation or communicated via email, 90% had accepted positions. We understand the remaining students accepted positions within three months of graduating. The market is strong and our program prepares students for the required internship through course curriculum and a dedicated co-op in firms during semester 8. Those pairings typically result in continued part-time employment throughout the fifth year of the program and full-time positions upon graduation.

Results Status
Target Met

Number of Students Assessed
29

USE OF ASSESSMENT RESULTS

Other
We will continue to collect data on how positions with firms during the required co-op result in full-time positions upon graduation. Firms continue to contact us with availability and we have developed a Canvas page which helps students be informed of opportunities in professional practice and preparing for post graduation employment.