Architectural Technology Program Assessment Plan
Chair: Mark Broyles

Program Student Learning Outcomes

1. Design Thinking: Proficiency in all aspects of design drawing as synthetic, central activity in achieving a mindset of collaborative creation and innovative problem-solving. (Aligns with Critical Thinking and Intercultural Literacy ISLOs)

2. Digital Representation: Competency and competitive productivity in mainstream digital design and documentation technology. (Aligns with Quantitative Literacy and Effective Communication ISLOs)

3. Construction Theory: Basic understanding of contemporary construction process and construction materials, methods, and systems as they inform the design disciplines. (Aligns with Quantitative Literacy and Critical Thinking ISLOs)

4. Sustainable Design: Ability to apply fundamentals of accepted sustainable design strategies in the design and development of buildings. (Aligns with Critical Thinking and Quantitative Literacy ISLOs)

Curriculum Map

We will be using the design drawing presentations of our students in AEC 225 Architectural Design and Development, our studio which synthesizes much of the course learning objectives of our degree program.

Key:
I-Introduced
R-Reinforced
P-Practiced
D-Demonstrated

Course	PSLO 1	PSLO 2	PSLO 3	PSLO 4
AEC 100	I			I
AEC 102	R	R	I	R
AEC 104	P	R	R	I
AEC 116	I		I	I
AEC 123	R	R	P	R
AEC 125	R		I	R
AEC 218	R	R	R	P
AEC 225	D	D	D	D
AEC 236	R		R	R
AEC 280	P/D	P/D	P/D	P/D
CAD 217	R	P	R	R
CAD 224	R	R	R	R
CAD 225	R	I	R	R
CAD 227	D	P	R	R

Assessment Schedule

In the Summer of each year, between the end of the Spring semester and beginning of the Fall semester and over a four-week period between the program will conduct its annual assessment of its PSLO(s) for the academic year. The assessment will be scored by a jury of instructors representative of the particular curriculum areas that we intend to evaluate.

Assessment Timeline

The proposed Assessment schedule will alternate over a four-year period as follows:

Year 1: Combined Outcome Assessment: Practice Readiness (as a starting point to gage overall effectiveness and bring awareness to the interrelationship of all our curricular outcomes relative to the achievement of any one successful PSLO).

Year 2: Design Thinking and Sustainable Design in the context of the ISLOs of Critical Thinking and Intercultural Literacy.

Year 3: Digital Representation and Construction Theory
Year 4: Combined Outcome Assessment (repeating the cycle)

Use of Results

During the annual assessment meeting the chair will meet with the instructors to review the assessment results from the prior year. Assessment will be used as the basis for critiquing the current approaches to the materials and methodologies in the contributing courses and for development of more curricular integration and cross-learning across the course offerings. The assessment results and any planned actions will be shared with the Dean of CTE, our Advisory Board, and CU Denver's College of Architecture stakeholders.

Continuous Improvement of the Assessment Process

During the annual assessment meeting, there will be discussion of the current tools in use and a determine made as to whether the tools warrant any revision. The chair and adjunct instructors will also determine whether to continue with the current assessment timeline or to make any changes.