

SHAPING FUTURE LEADERS IN ARCHITECTURE & ENGINEERING

ARE 1600: ARCHITECTURAL DESIGN STUDIO



VALUES

Collaborative
community

Diverse
perspectives



METACOGNITION

student learning reflections, setting
goals and improving on self-directed
learning



IMPROVEMENT

ongoing training, conferences,
connection with latest educational
research



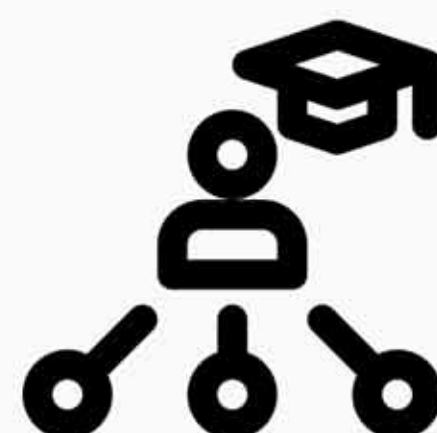
GOALS

Student Outcomes

critical thinking skills
effective communication
continuous learning

Educator Outcomes

Refine teaching methods
learn latest technology



PEDAGOGY

Techniques

active learning, discussions

Student autonomy

independent research,
project-based assignments

Inclusion

mutual respect,
value diversity

The Affective Domain

positive and supportive classroom
atmosphere,
empathy and understanding

Multimodal

visual aids, technology,
hands-on activities

Disciplinary Alignment

integration of real-world
applications, bridging gaps between
theory and practice



ASSESSMENT

Alignment

Aligned with learning objectives

Reflective Practice

Feedback and self-assessment

FUTURE DIRECTIONS & CONCLUSION

The wide spectrum of teaching experience at the department of Civil & Architectural Engineering in the University of Wyoming is not only helping me work with diverse students, but also creating a strong ecosystem of students, who have the possibility of inter-mingling across the departments to better prepare themselves for the profession upon graduation.

I plan to dabble with these interests and further develop them. I believe the ability to inform aspiring designers and engineers of the short comings of the practical world will enable them to advance the boundaries of the industry.

The SOAR events organized by the Construction management and the Industry attended Design Day event in the Architectural Engineering program are a good step towards exposing the students to the real-world interactions moving forward.