

The Intent of this Studio is to “INTEGRATE”:

Have you ever wondered how a great design integrates factors needed to get it built; such as, IBC, NFPA, ComCheck, IECC, GIS, CBD, ZBA, P&Z, TDLR, RAS, RTU's, VAV, and FCU's? During this studio you will develop a design in a setting that will emulate many components found in a firm setting.

If you select this studio, we will spend the semester incorporating real-world factors into the design process. This will include student interactions with code officials, accessibility specialists, and mechanical/structural engineers. This studio will better prepare you for actual projects once you are working in a firm. I will work closely with each of you in our studio to incorporate these factors into your design:

- research and apply relevant building, accessibility & energy codes,
- select various products and finishes,
- integrate other disciplines needs into your design & introduce you to various consultants for 1 on 1 discussions
- understand project budgets and their impact on a project
- typical firm project fees and how that impacts the design of a project.
- How a project evolves through numerous phases

Your completed studio design will be an integrated project, one that you will want to highlight in your portfolio when interviewing for a firm position as it will demonstrate how you understand amalgamating real world factors into a design.

The Studio Project:

Students will be asked to design a two-story 20,000 square foot community college general classroom building set on an east Lubbock canyon lakes site. Final deliverables will include (but not limited to:

- Site Plan with parking, conceptual drainage, zoning and site/climate analysis
- Floor plans with accessibility components
- Exterior renderings
- Code Analysis plans also incorporating accessibility requirements
- Mechanical and structural systems selections and conceptual plans
- Building/wall sections and building envelope waterproofing detail at roof/windows
- Interior renderings incorporating product selections

Who is teaching this class? Mary K. Crites, AIA

I am a practicing architect with over 30-years-experience managing projects and studios. My clients have included:

- Higher education institutions including TTU, WTAMU, UTPB, ENMU, TSTC
- Municipal, state and federal agencies including US Department of Defense
- Local corporations and an international corporation (Bayer)

Over the years I have mentored many, many interns in how to successfully, and profitably complete a project design. I am excited at the opportunity to do that in this studio setting this semester.

