

ARCH 5336 Programming and Site Planning, Summer 2018

WEEK 1 Tuesday June 5

- Review syllabus and course schedule.
- Attendance.
- Lap tops everyday
- Introduction to course and review of learning objectives
- Pre-Design: Programming, AIA contract allocates about 10% of fee to this phase, basically “Teeing” up project. Get all questions out on table, research and design as much as needed to answer all the fundamental questions. Ones that effect Owner’s, wants, needs, delivery date and budget.
- Reading assignment: *Texas Accessibility Standards Sections 604, 605, 606 & 609.*
- Obtain copies of TAS and IBC 2015

Thursday June 7

- Discuss TAS & ADAAG
- Reading assignment: International Building Code: *Chapter 3 Use and Occupancy Classification*

WEEK 2 Tuesday June 12

- Introduce 1st Project Assignment: Programming New Medical Clinic & Pharmacy.
- Reference Materials:
 1. Building Code Analysis, The Code Corner Website
 2. AIA Code Analysis Commentary, American Institute of Architects.
- Download CAD files into 1 folder on hard drive.
- Review Project deliverables;
 - Diagrammatic Spatial Relationships Diagram
 - Conceptual floor plan
 - Precedent Studies
 - Tabulation of spatial requirements Excel spread sheet
 - Building Code analysis
 - Building codes
 - Accessibility Requirements
- Discuss Owner’s requirements and needs.
- Discuss code analysis process.
- Begin spatial tabulation in Excel

Thursday June 14

- Continue spatial tabulation in Excel

WEEK 3 Tuesday June 19

- Continue spatial tabulation in Excel.
 - Review Building Code Requirements
 - Review Accessibility Requirements
 1. Public Restrooms
 2. Entry
 3. Clearances at doors
 4. Accessible route to public sidewalk
 5. Accessible parking.

Thursday June 21

- Programming New Medical Clinic & Pharmacy Project:
 - Present diagrammatic space plans
 - Develop diagrammatic studies into floor plan over boundary survey & topo.
 - Considerations for preliminary site design;
 - Public access to site
 - Fire Department access to site.
 - Parking, vehicular circulation.
 - Accessibility; route to public sidewalk and accessible parking.
 - Accessible entry and parking
 - Dumpster and accessible access to dumpster.
 - Site utilities
 - HVAC systems for building with roof design and storm water removal from roof.

WEEK 4 Tuesday June 26

- Programming New Medical Clinic & Pharmacy Project:
 - Work session in class

Thursday June 28

- Programming New Medical Clinic & Pharmacy Project:
 - Work session in class

WEEK 5 Tuesday July 3

- Present Programming New Medical Clinic & Pharmacy Project in class. Turn in 2 sets of prints.

Thursday July 5

- Assign Project 2: Technical Site Planning for New Medical Clinic & Pharmacy:
 - Review ADA-TAS site requirements.

- Review surveyor's topo
- Review impact of ADA-TAS requirements in relation to existing conditions.
- Work session in class

WEEK 6 Tuesday July 10

- Project 2: Technical Site Planning for New Medical Clinic & Pharmacy:
 - Work session in class.

Thursday July 12

- Project 2: Technical Site Planning for New Medical Clinic & Pharmacy:
 - Work session in class.

WEEK 7 Tuesday July 17

- Project 2: Technical Site Planning for New Medical Clinic & Pharmacy:
 - Work session in class.

Thursday July 19

- Project 2: Technical Site Planning for New Medical Clinic & Pharmacy:
 - Present Technical Site Planning for New Medical Clinic & Pharmacy Project in class. Turn in 2 sets of prints.

WEEK 8 Tuesday July 24

- Introduce 3rd Project Assignment: Cost Estimating for New Medical Clinic & Pharmacy
- Project cost estimating techniques.
 - Area take-offs
 - CSI divisions
 - Material take-offs
 - Project financing
 - Project hard costs and soft costs

Thursday October 26

- 3rd Project Assignment: Cost Estimating for New Medical Clinic & Pharmacy
 - Work session in class.

WEEK 9 Tuesday July 31

- 3rd Project Assignment: Cost Estimating for New Medical Clinic & Pharmacy
 - Work session in class

Thursday August 2

- 3rd Project Assignment: Cost Estimating for New Medical Clinic & Pharmacy
 - Work session in Class

WEEK 10 Tuesday August 7

- 3rd Project Assignment: Cost Estimating for New Medical Clinic & Pharmacy
 - Work session in Class

Thursday August 9 Last day of Class

- 3rd Project Assignment: Cost Estimating for New Medical Clinic & Pharmacy
 - Present project cost estimates in class