



Course Syllabus

Course #:ADT 1200 Course Name: Architectural Drafting II

Division: Engineering and Industrial Technologies

Class Days:

Class Time:

Location: Classroom: E209

Laboratory: E209

Credit Hours: 3 Contact Hours: 3

Lab Hours: 3 Lecture Hours: 1

Instructor: William Hotz

Office Location: E215G

Phone: 419-559-2448

Email Address: whotz@terra.edu

Office Hours: TBD

Division Office/Location: Engineering Building Division Fax: 419-334-2300

Full-time Contact Person: Jayne Bowersox Phone(s): (419) 559-2410

Course Description:

This course is a study of basic architectural drafting skills: lettering, technical drawing, and organization of working drawings. This is accomplished by producing a set of plans for a small commercial building. Details associated with prefab steel construction ,poured concrete foundations and concrete masonry units will also be study extensively.

Prerequisite(s): ADT 1110

Corequisite(s): None

Entry Level Skills and Knowledge: Basic Drafting skills

Required Texts, Supplies and Equipment:

TEXT: Architectural Graphic Standard, Student Edition, Ramsey

Architectural scale

45° triangle *

30/60 triangle*

Circle template up to

2 1/4" dia.

Architectural template

Eraser

Eraser shield

Brush*

Tape, masking or drafting

French curve

Lead holder*

Mechanical pencil

Leads HB, 2H and 4H

Carrying tube

(* indicates supplies provided)

Grading:

90 – 100 = A

80 – 89 = B

70 – 79 = C

60 – 69 = D

59 and Below = F

Learning Outcomes:

General Education

1. **Communicate effectively**
 2. **Evaluate arguments in a logical fashion**—Competence in analysis and logical argument are explicit learning goals for most general education programs, although these skills go by a variety of names (e.g., critical thinking, analysis, logical thinking, etc.). **Students will be able to demonstrate competence in problem solving in communication, mathematics, and in team settings.**
 3. **Employ the methods of inquiry characteristic of natural sciences, social sciences, mathematics, and the arts and humanities;** general education introduces students to methods of inquiry in several fields of study and thereby prepares students to integrate information from different disciplines.
1. Understanding of construction requirements for a commercial building.
 2. Practice in organizing, coordinating, and preparing a set of working drawings.
 3. Refinement of drafting skills in lettering and line work.
 4. Completion of working drawings for a commercial building, including a perspective drawing.

Assessment of Student Learning:

Assessment Project and Measurement in course (if any):

Plan of Work:

Floor Plan: 1/8" or 1/4" scale

Session 8

- Dimensions
- Room Names
- Wall Material Indicated
- North Arrow
- Scale
- Minimum 10' Wide Area Surrounding Building
- Indicate Building Section Line

Foundation Plan: 1/8" or 1/4" scale

Session 12

- Dimension
- Show Footer as Solid Line
- Shade in Foundation Wall
- North Arrow
- Scale

Building Elevations: 1/4" scale

Session 13 -18

- Two Required Best Showing of Building
- Building Material
- Floor Line
- Roof Bearing
- Label Elevation
- Scale

Building Section and Wall Section:

Session 18 - 24

- One required 1/4" scale Best Showing Nature of Building
- Dimensions
- Wall Material Shown in Both
- Indicate Wall Section Location
- Dimension Wall Section Elevations
- Two Wall Sections Required 3/4" or 1" Scale
- Scale

Session 30

- Building Details
- 6 @ 1"=1'-0"
- Emphasizing Flashing and Connections
- All Material will be Label

If you are a student with proof of a documented disability, you should contact the Coordinator of Special Services and Academic Recovery. The office number is 334-8400 X208.

Course Requirements:

Complete all assignments as required

The scores for the working drawings will be based upon their timely completion according to the Terra Community College Syllabus

following criteria:

Lettering and Line Work	40%	
Design		40%
Correctness	<u>20%</u>	
	100%	

Due dates will be strictly adhered to. Drawings will be handed in as is.

Policies

Course Withdrawing: If for any reason you need to withdraw from this course, be certain that you do so according to College procedure. It is your responsibility to know and follow this procedure. If you simply stop coming to class, without officially withdrawing from the course, your grade is an automatic “F.” Please follow official College procedure for withdrawing from this or any course.

College Academic Policies are located in the College Catalog. A copy of the current catalog may be picked up in any of the division offices or admissions. The list of college policies is also available online at <https://www.terra.edu/register/Collegecat/policies.asp>.

Support Services: The College offers a number of support services to assist in your success in this course and all courses. Among these services are the Writing & Math Center in B105, the Office of Learning Support Services, which coordinates the campus disability services and tutoring programs, the computer labs, and the computers in the atriums.

Any student who feels he/she may need an accommodation based on the documentation of a disability should contact the Office of Learning Support Services privately to discuss his/her specific issues. Please contact the OLSS at (419) 334-8400 X 208 or visit 100 Roy Klay Hall (Building A) to coordinate reasonable accommodations.

If you have a documented disability and are receiving academic accommodations through the Office of Learning Support Services, please schedule a meeting with your instructor in a timely manner so that we may discuss how these services will be arranged.

Tutoring services are available to students beginning the second week of every quarter. Students requesting tutoring services should obtain a tutor request form from the OLSS in 100 Roy Klay Hall (Building A) or online at the Terra website. Please note that instructor verification and acceptance of the Student Learner Agreement is necessary for all tutoring requests. All requests should be submitted to 100 Roy Klay Hall (Building A).