



**Course Syllabus**

**Course #: ADT 2200 Course Name: Architectural Drafting III**

**Division: Engineering and Industrial Technologies**

\*\*\*\*\*

**Class Days:**

**Class Time:** TBA

**Location:** Classroom: E209

Laboratory: E209

**Credit Hours:** 3

**Contact Hours:** 3

**Lab Hours:** 0 **Lecture Hours:** 3

\*\*\*\*\*

**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:**

A study of structural details and plans for commercial buildings. Practice in coordinating structural features with architectural components.

**Prerequisite(s):** ADT 1110 & ADT 1200

**Corequisite(s):** None

**Entry Level Skills and Knowledge:**

Understanding of architectural drawings

**Required Texts, Supplies and Equipment:**

Current text is Student Edition of Architectural Graphic Standards

**Grading:**

100 - 90% = A

89 - 80% = B

79 - 70% = C

69 - 60% = D

59 - 0% = NC

**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. Develop skills in drawing poured concrete foundations.
2. Become familiar with handbook utilization as applied to structural detail design.
3. Develop skills to convey ideas with sketches.

### **Assessment of Student Learning:**

Assessment Project and Measurement in course (if any):

### **Plan of Work:**

Sessions 1-6	Free-hand House Plans
Sessions 7-12	Foundation Plans
Sessions 13-18	Steel Framing Plans
Sessions 19-24	Site Plan
Sessions 25-30	Insulated Panel System Details

### **Course Requirements:**

Complete all assignments as required

1. To draw details of structural steel, concrete, masonry and wood.
2. To be able to select important areas or sections where details should be done.
3. Be able to draw free hand drawings of a simple building.

### **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).