



# Architectural Engineering Design 1 - (AED 1) Syllabus

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## > Contact Information

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Class curriculum weblink - Schoology - <http://lms.fcps.org>  
Class resource weblink - <http://www.symbaloo.com/mix/aed>

## > Introduction

Welcome to Architectural Engineering Design 1. This course is open to any student who wants to learn the basics of Architecture. The course is intended to acquaint the student with general Architectural concepts and terms such as house styles, floor plans, symbols, details and construction techniques. The course will be taught through lectures, discussions, and demonstrations. Students are encouraged to join in on all discussions and ask questions. Individual help will be offered to those students who desire and/or need additional help or assistance.

## > Course Objectives

- o Identifying and using drafting equipment correctly.
- o Knowing how to read and operate an Architectural scale.
- o Being able to designing, drawing and using building codes to create room layouts
- o Study the history of early structures, and be able to describe and identify features from the past we still use today.
- o Identify basic house styles (*Ranch, Cape Cod, Colonials, .....*)
- o Draft a basic set of house plans (*Floor, Foundation, Elevations*)
- o Operate a CAD station (*Computer Aided Drawing*)

## > Grading Policy

<u>Category</u>	<u>Weight</u>
Drawings (Projects)	50%
Classwork (Activities)	20%
Tests & Quizzes	20%
Architectural Code Notebook	10%

**Schoology:** Students and parents can view the course grades using **Schoology**. Regularly monitor your progress online via our grading website.

**Make-up Work:** Students can make-up any classwork or assignments that have been missed by an excused absence. If a student misses a day, they have a day to make-up the work. If multiple days are missed, the student needs to see the teacher to arrange a time to turn in the missed work. Students should get any missed work from the teacher directly. Most of the assignments are on the **Schoology** class curriculum, but always check with the teacher; some assignments might have been tweaked to meet the needs of the class.

**Late Work:** All work must be turned in by the assigned due date. Late classwork is accepted, but will receive a "5%" reduction each school day it is late. Major projects will receive a 15% reduction each school day it is late. All work should be completed no matter how much credit is lost, as the development of knowledge and skills from these assignments are important to passing the course.



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**Academic Dishonesty:** Students may not give or receive unauthorized aid on any assignment. Students will be held to the expectations and actions included in the LHS Honor Code found on the LHS Website. Students found to violate the policy will receive a score of zero on the assignment.

**Testing Expectations:** During assessment, all materials, including off/silenced cell phones, should be secured in the front of the room.

## > Tutoring [Extended Learning Opportunities]

I will be available after school on Tuesdays from 2:15pm to 4:00pm in room C106. Please check with me before showing up. If you can not make Tuesdays, please check with me to work out another day. Also, PREP will be available during the school day.

## > Instructional Materials needed:

- o Students are required to have a 1- 1/2" 3-ring view binder (*plastic cover sleeve*)
- o All drafting tools and textbook will be given the first day of class.

**Note:** Damaged or lost textbooks/school-owned materials become the obligation of the student/parent. A replacement fee will be charged for damaged or lost items.



> **Cell phone policy:** All students should participate in the academic environment free of distraction. All students have access to a chromebook to use as an instructional tool. It is a school-wide expectation that students' cell phones are out of sight and out of reach during class time. Violations could lead to cell phones being stored in administrative office for the remainder of the day and other consequences.

Linganore is enforcing this policy:

- To promote undivided focus on instruction
- To practice responsible digital citizenship
- To maintain academic honesty
- To support school safety

Students and parents may text one another during class exchanges and lunch.

## > Classroom Procedures

- o Come to class on time, prepared to design and participate.
- o Food and drinks are NOT allowed anywhere near the computers.
- o Cell phones out of sight, no texting,  ,  , etc..
- o Clean up your area and tools but not until the last 5 minutes of class.

## > Student Expectations

- o **ACADEMICS:**  
Complete all assignments on time and with integrity | Assigned work completed | Be open to feedback and capitalize on opportunities to improve
- o **ACCOUNTABILITY:**  
Bring required materials | Observe classroom safety guidelines | Use appropriate language at appropriate times | Be in your assigned seat when the bell rings
- o **ATTITUDE:**  
Focused and alert | Give your best effort | Honor commonalities and celebrate differences | Support and encourage classmates

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## > Discipline Procedure

- o Warning/conference with student
- o Phone call to parent/guardian
- o Teacher detention
- o Office referral

*Please sign the attached agreement form.*



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**We have read the course syllabus and understand the goals and policies of the classroom.  
We agree to abide by and support them throughout the school year.**

\_\_\_\_\_  
student name                      period                      \_\_\_\_\_  
student signature                      \_\_\_\_\_  
date

\_\_\_\_\_  
parent/guardian name                      \_\_\_\_\_  
parent/guardian signature                      \_\_\_\_\_  
date

**Please return this page signed**