

DRAFTING 3 ARCHITECTURE

FALL 2024

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ETHAN RHINEHART

ROOM: E6

COURSE DESCRIPTION: This course introduces students to advanced architectural design concepts. Emphasis is placed on the use of CAD tools in the design and execution of site and foundation plans. Stair design/construction and kitchen & bath design will also be covered. A significant amount of class time will be spent on community/school projects.

COURSE OBJECTIVES: Foundation Design, Calculations and Construction
Basic Electrical Design Concepts.
Stair & Railing Design for Construction
Advanced Kitchen and Bath Details
Multi-level Residential Floor Plans
Site Development Plans
Commercial Building Design
Create Renderings and Walkthroughs

GRADING: Daily Work
Quizzes
Tests
Projects

Final Course Grade: $N1 = 37.5\% + N2 = 37.5\% + \text{Final Exam} = 25\%$

ATTENDANCE: 5 absences = Letter & phone call to parent
7, 8 & 9 absences = make up that time at attendance make-up session
10+ absences = Submit appeal to office / potentially no course credit

SUPPLIES: You will need:
* Pencil & Eraser
* Notebook / Folder

ASSIGNMENTS:

Turn in all assignments on time. Keep your notebook organized and in your drawer / cabinet at all times. Notebooks will be checked periodically (announced or un-announced). Your drawer / cabinet will also be checked periodically...KEEP IT NEAT & CLEAN!!!

MAKE-UP WORK POLICY:

Students shall have two (2) school days per absence to complete missed assignments. A maximum of ten (10) days will be allowed for students to complete all missed work.

CLASSROOM RULES:

Posted at the front of the room.

You are in high school...you should know how to act and what's expected!

TECHNOLOGY USE:

Use of the computer, HCS network and Internet is required for this course. The HCS policy 3226/4205 *Internet Safety* and HCS policy 3225/4312/7320 *Technology Responsible Use* will be reviewed in class. All students are expected to know, understand and apply these policies. Violators will lose computer privileges which could result in failure of this course. You do not have privacy while using HCS computer systems. The computer systems are monitored and anything that you send or receive may be viewed by employees of HCS. Students will be asked to sign that they have read and understand these policies. School-issued email accounts should only be used for school related activities. These accounts are also monitored and violations can result in a loss of computer privileges.

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| 2 | 7 |
| 3 | 8 |
| 4 | 9 |
| 5 | 10 |