**Structural Systems I**

**Whitwell High School**

**Instructor:** Name: Travis Olinger

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Available after school: Monday or Thursday from 3:00–4:00

Appointments only. Confirm date and time before appointment.

**Google class code**: 7hcly7t

\*Asterisk denotes teacher’s preferred way of communication.

**Course Description**

Structural Systems I prepare students for careers and higher education in residential and commercial construction with emphasis on carpentry.

**Course Policies**

Attendance and punctuality are very important in Structural Systems I so that you will not miss the information and assignments as they are introduced. Since homework isn’t given due to in-class and campus building projects, regular attendance and class participation are critical to progression. Students must show an attitude of respect toward materials, projects, and co-workers. This year we will be using Google Classroom and other online platforms. Information about the other learning platforms will be shared via class time, email or zoom.

**Assessments and Grading**

Some test given will pencil paper test containing multiple choice, true/ false, and math problems. The majority of the tests will be performance based projects.

Your grade will be calculated as shown below:

Grading formula for each 9-week’s grade:

* Teaching tasks other than tests 40%
  + Class participation, classwork
* Assessments and Tests 40%
  + Written Tests
  + Projects
  + Final 20%

**Grade Calculations for high school courses without a state-level test:**

* 1st Nine Weeks – 40%
* 2nd Nine Weeks – 40%
* Exam – 20%

**Course Topics and Schedule by Semester**

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| **Week** | **Semester 1** | **Topic-Structural Systems I** |
|  |  | Standards #1-2 Safety |
|  |  | Standards #3-4 Safety |
|  |  | Standards #5-6 Safety |
|  |  | Standard #7 Career exploration |
|  |  | Standards #8-9 Industry principles |
|  |  | Standards #10-11 Types of structural systems |
|  |  | Standards #12-13 Tools and equipment |
|  |  | Standards #14-15 Floor framing |
|  |  | Standards #16 Floor framing |
|  |  |  |
|  |  | Standards #17-18 Wall and ceiling framing |
|  |  | **Spring Break** |
|  |  |  |
|  |  | Standards #19-20 Wall and ceiling framing |
|  |  | Standards #21-22 Roof Framing |
|  |  | Standards #23-24 Roof Framing |
|  |  | Standard # 25 Roof Framing |
|  |  | Standard #26 Basic stair framing |
|  |  | Standards # 27-28 Basic stair framing |
|  |  | Standards # 29-30 Basic stair framing |
|  |  | Standard # 31 Business and Project Management |
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