**Fundamentals of Construction (FOC)**

**Whitwell High School**

**Instructor:** Name: Travis Olinger

Telephone: 423-658-5141

\* Email: tolinger@mctns.net

Available after school: Monday and Thursday from 3:00 – 4:00 by

Appointments only. Confirm date and time before appointment.

**Google Code**: fqiaq7v

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

**Course Description**

Fundamentals of Construction is a foundational course in the Architecture and Construction cluster covering essential knowledge, skills, and concepts required for careers in construction.

**Course Policies**

Attendance and punctuality are very important 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**

Test may consist of multiple choice questions, true/false questions/ math questions or they may be performance in project based assessment.

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** | **Fundamentals of Construction** |
|  |  | Standard # 1 Safety |
|  |  | Standard # 2 Safety |
|  |  | Standard # 3 Safety |
|  |  | Standard # 4 Safety |
|  |  | Standard # 5 Construction Math |
|  |  | Standard # 6 Construction Math |
|  |  | Standard # 7 Hand tools |
|  |  | Standard # 8 Hand tools |
|  |  | Standard # 9 Hand tools |
|  |  |  |
|  |  | Standard # 10 Power tools |
|  |  | **Spring Break** |
|  |  | Standard # 11 Power tools |
|  |  | Standard # 12 Power tools |
|  |  | Standard # 13 Construction drawings |
|  |  | Standards # 14-15 Construction drawings |
|  |  | Standards # 16-17 Basic rigging |
|  |  | Standards # 18-19 Communication skills |
|  |  | Standard # 20 Employability skills |
|  |  | Standard # 21-22 Materials handling |
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