

# OHHS Career and Technical Education Technology Foundations II Syllabus



**Course Name:** Technology Foundations II

**Course Code:** CT0127

**Duration:** 1 Trimesters, 0.5 credit

**Course Description:** This is the second semester of a cross-credited Science/Vocational course designed to introduce students to the major areas of technology and show how science supports these technologies. The goal of the course is to show how science and technology are related. This is done through **hands-on** laboratory activities with students working to problem solve projects from design to completion.

**Prerequisites:** None

**Course Resources:** No textbook. Teacher supplied materials and Internet research.

**Course Fees:** None

## **Course Outline/Instructional Units**

- Tool Operation and Safety procedures (Communications and Construction)
- Magnetic Levitation (Power Energy and Transportation)
- Robotics (Power Energy, Communications and Construction)

## **Major Assessments:**

**Projects/ labs:** Projects and labs will be awarded points based on the amount of time contracted for a particular activity. A class period has a value of 20 points a day, based on an 60-day semester. Technology Learning Activities are approximately three weeks long (15 Days).

**Tests- performance/ Paper:**

Safety tests (passed to an 80% or better), bookwork, exams, etc. If you do not pass the safety test to 80% or better you have 2 days to make up test. If not you need to test orally before or after school.

**Work Habits (Ethics):** Strong work ethics are vital to getting and keeping a job for any extended period of time. Employers seek job candidate that poses a positive and safe work attitude. Employers expect their employees to show up to work on time and prepared to work.

Students will earn 10 points a day for demonstrating good work habits. Students can demonstrate good work habits by coming to class on time, giving a full days work, wearing safety glasses, and cleaning up assigned clean up area. Employees get fired from jobs for not meeting the employer’s expectations.

**Weighted Categories**

Category	Percentage of Overall Grade
Projects (Labs)	60%
Tests (Examinations)	20%
Work Ethics (Professionalism)	10%
Daily Work	10%

**Grading Scale:**

Regular Scale	
Letter Grade	Percentage
A	93% and Above
A -	90%-92.99%
B+	87%-89.99%
B	83%-86.99%

<b>B-</b>	<b>80-82.99%</b>
<b>C+</b>	<b>77%-79.99%</b>
<b>C</b>	<b>73-76.99%</b>
<b>C-</b>	<b>70-72.99%</b>
<b>D+</b>	<b>67%-69.99%</b>
<b>D</b>	<b>60%-66.99%</b>
<b>F</b>	<b>59.99% and Below</b>

**RE-DO POLICY:**

OHHS is an effort based school where we believe all students can learn. We also know that students learn at different rates. Thus, we are implementing a re-do policy that recognizes the needs of individual learners.

- 100% Re-do
  - Assessments (with exception of the Final semester exam)
  - Key Assignments: Evidence that demonstrates mastery of a standard
- Teachers may:
  - require completion of supporting assignments prior to re-do opportunities for students to show they can meet the standard.
  - require students to complete re-do of work outside of class time.
  - limit the number of re-do opportunities for each assignment.
  - assign zero grades when students choose not to do key assignments and/or assessments to standard.
- All opportunities for re-do work will come with a deadline as assigned by the teacher.

**Unit Tests** may only be redone if the student has no missing assignments for the given unit. Students have one week to inform the teacher that they plan on doing a retake. Retakes are done after school.

**Late work:** Late work will not be accepted any later than 2 weeks after the due date. Late work is not eligible for a redo. Late work will go down by one letter grade each week that the assignment is late.

**Attendance:** Students are expected to attend class. If you are not in class you will not receive a work habits grade for the day you were absent. Absenteeism is not an excuse for missing assignments. Students are expected to check with the teacher either before they are absent or after the absence(s) to make up work that is missed. Special

arrangements can be made to make-up work but it is the **student's** responsibility to ask the teacher.

**Extra Help:** If you are falling behind in class or having a hard time understanding the concepts being taught, you have some options to help you succeed.

1. Come in before or after school to get help from the teacher or work on your projects.
2. Do your plans at home and use class time to build guitar.
3. Get help from fellow classmates.

**Clean-up Policy:** Everyone is assigned a job and is expected to clean up. If you do not clean up your assigned area you will **not earn** your work ethics points for that day.

**OHHS Tardy Policy:** Students are expected to be in their assigned seat and ready to work. If students are tardy they will not earn their work ethics points for the day.

Tardy Procedure:

- 1<sup>st</sup> tardy student receives warning.
- 2<sup>nd</sup> tardy student Parent contacted.
- On the 3<sup>rd</sup>-5<sup>th</sup> tardy student will receive a detention.
- On the 6<sup>th</sup> tardy student will receive automatic referral to Deans.
- Failure to complete teacher assigned detention student's parents will be contacted and a referral for failure to show will be written.

#### **OHHS PLAGIARISM POLICY:**

Any student, who knowingly turns in any work that has been done by someone other than himself or herself, and fraudulently represents it as his/her own, shall be considered to have cheated. Cheating also includes: aiding someone else in cheating, the use or preparation of written, pictorial, electronic or other materials not authorized by the instructor during a test or assignment, the use of testing materials obtained previous to the test date, or plagiarism of any kind. Students found cheating will also be subject to an office referral, which could result in a suspension. As an effort based school, students who have plagiarized/cheated must still demonstrate their learning. Thus, students will be given the opportunity to complete the work. This will fall under the "Late Work Policy" of the teacher where total possible points may be reduced.