

# Exploring Technology

## Course Syllabus

### Course Description:

This course will explore a variety of technologies use in the manufacture of goods in various industries. Students will explore manufacturing systems, energy systems, transportation systems, and construction systems. These will be explored through a variety of activities and personal research of the subject matter.

#### 1. Manufacturing Systems

How products are made

Video Production or presentation of how a product is made

Careers in manufacturing

#### 2. Energy Systems

Conventional and Alternative energy

Report on future alternative energies

Careers in energy production and management

#### 3. Transportation Systems

Transportation yesterday today and tomorrow

Report on what transportation will look like in the future

Careers in transportation

#### 4. Construction Systems

Various forms of construction systems

Commercial and residential construction

Careers in construction

# Rules and Expectations

## For Industrial Technology Classes

### Mr. O's Ten Commandments

1. Thou shalt come to class on time.
2. Thou shalt be prepared for class.
3. Thou shalt not leave the class without permission.
4. Thou shalt not use the office without permission.
5. Thou shalt not use the office phone without permission.
6. Thou shalt respect thy neighbor's stuff.
7. Thou shalt respect thy neighbor's dignity.
8. Thou shalt be responsible for thine own assignments and projects.
9. Thou shalt respect thy teacher and his stuff.
10. Thou shalt respect thy school and its equipment.

These Ten Commandments you shall obey so that your life in my class will be long and you will have good success. They are there to guide you and remind you of these key words. CHOICE, RESPECT, RESPONSIBILITY, and ACCOUNTABILITY

### Grading Policy

Grades shall be earned in the following areas

1. Quizzes
2. Projects
3. Tests
4. Progress on projects (weekly grade)
5. Written assignments

The grading scale is as follows

90-100	A
80-89	B
70-79	C
60-69	D
0-59	F

**Failure to complete projects will result in a failing grade.**

### Four Short Steps

There are four short steps to being removed from class.

- First offence                      Verbal warning
- Second offence                  Sent to office for time out.
- Third offence                      Sent to office for time out, plus contract to come back into class and call to parents.
- Fourth offence                      Removal from class with a failing grade

Any of these steps can be skipped and taken to #4 if you are a safety hazard to any of the other students.