



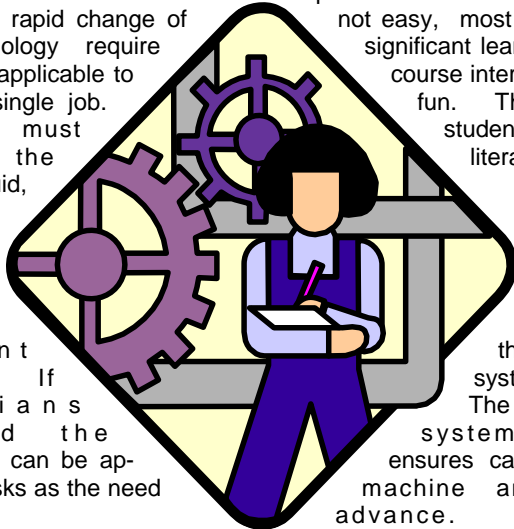
# Principles of Technology

Course Syllabus for 2009 –2010 School Year

Mr. Miller Rm C102

## What's it all about?

**P**inciples of Technology is a course designed to prepare students more effectively for technical careers. The complexity and rapid change of modern technology require training that is applicable to more than a single job. Technicians must understand the mechanical, fluid, electrical, and thermal principles on which modern equipment operates. If technicians understand the principles, they can be applied to new tasks as the need arises.



Principles of Technology is not an easy course. The scientific content and the academic rigor of the course

are carefully sustained, both to provide a high quality of instruction and to meet the goal of filling high school science requirements. Although the course is not easy, most students achieve significant learning and find the course interesting, useful and fun. This course gives students technological literacy.

Principles of Technology's purpose is to teach applied physics and math principles through a unified systems approach. The "principles and systems" approach ensures career flexibility as machine and technology advance. Principles of Technology 1 will study: Force, Work, Rate, Resistance, Energy, Power and Force Transformers.

## What's Expected

- 1 Be in your seat and be prepared for class when the bell rings.
- 2 Always give every task your best effort.
- 3 Treat others, their property and **their ideas** with respect.
- 4 Follow ALL rules in the student handbook.

## Communication

*Parents, please feel free to contact me anytime. You are welcome in our classroom! My goal is to work cooperatively with your teenager to prepare him/her to be a productive member of society and a life long learner. I am available during 2nd period by appointment, or before school everyday. The best way to reach me is by email.*

**D. Miller**  
**Jack C. Hays High School**  
**Room C102**

**Phone 512-268-2911**  
**Ext. 6257**  
**millerd@hayscisd.net**

## Attendance & Tardies

### Attendance:

Good attendance is vital to success in school, but **PLEASE STAY HOME IF YOU ARE SICK!**

Parents, if you don't want the office to call you, please call 268-2911, and let the office know why your child is home. If you will also email me, I will try to keep your student from getting behind. I am also happy to work with him/her when he/she is well and returns to school.

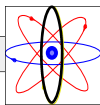
It is the law that students are in attendance 90% of the school year, so excessive absences will have to be made up, but do not come to school sick!!

### Tardies:

If a student is tardy, he/she must go to the AP's office and get a tardy pass. The student should then IMMEDIATELY return to class, and begin working WITH-OUT disturbing the teacher or all of the other students who made it a priority to get to class on time.

Students who go get a tardy pass, and do not make it back to class will be considered truant, and will receive a referral.

**Students more than 20 minutes late to class will be considered absent.**



# Grading Policy

**S**tudents will be given progress reports on a timely basis—at least once every three weeks. The following will be used to determine student's averages:

### SIX WEEKS AVERAGE

Major Grades .....	60%
Daily Grades .....	40%

### MAJOR GRADES (Minimum of 3 each six weeks)

- LABS
- TESTS
- NOTEBOOK
- PROJECTS

Most of the tests will be given in a traditional format (combination of multiple choice, matching, short essays, etc.) Students will be given at least one weeks advance notice of a test. **MISSING THE REVIEW IS NOT AN ACCEPTABLE REASON FOR NOT TAKING THE TEST.**

### DAILY GRADES (Minimum of 8 each six weeks)

- Agenda Checks
- SubUnit Student Exercises
- Math Skills Labs
- Daily Participation
- Lab Participation

## Make-Up and Late Work

**E**ach student is responsible for his/her own learning.

- Students should make arrangements with a fellow classmate to copy missed notes.
- Labs MUST be made up during the same week, before or after school. For extenuating circumstances, lunch arrangements might be made.
- Tests will be made-up upon returning to class in content mastery.

Class work should be completed in class. Students will have ample time to finish the work given in class.

There is almost NO HOMEWORK in this class, therefore it is VERY important that students participate, and get work done DURING class time!

### When you return from an absence:

1. Copy the Agenda from a student sitting near you—immediately! - to see what you missed.
2. THEN, if you need something from Mrs. Buckley (assignment was not in the book, or already in your notebook), see Mrs. Buckley.
3. DO NOT ask Mrs. Buckley until you have done steps 1 and 2, and you know exactly what you need from her.
4. If you missed a lab, you must come before or after school the same week to make up the lab.
5. All make up work is due 3 days after the absence to receive full credit on the assignment.

## SUPPLY LIST

**B**ring all your supplies with you everyday unless otherwise stated.

You will have a notebook grade the end of the first week. If you have all papers, but no binder, the best grade you can receive is a 70.

### MUST HAVE:

- 1 inch 3-ring binder (stays in classroom)
- Blue or black pen
- Pencil for labs

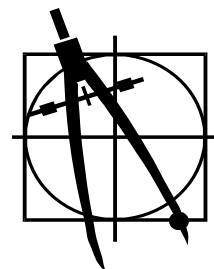
I would LOVE for you to donate a few classroom supplies:

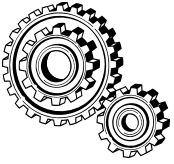
Liquid hand soap (NOT alcohol based hand sanitizer, we have 6 sinks for proper hand washing!) Kleenex, Highlighters, Colored pencils, Construction paper

## Hands-On/Minds-On is the ♥ of Labs

**S**cience means labs to most students. Labs are a fun way to apply concepts discussed in lecture. It also gives the teacher a way to assess the depth of student's understanding of science concepts and the student's ability to apply those concepts.

Since we may be working with expensive & sensitive equipment, safety is a must. Any infraction of the safety rules will result in removal from the lab and a '0.' Serious or repeated infractions may result in permanent removal from lab. **No alternative assignments will be given to students who break the Safety Contract .**





# PRINCIPLES OF TECHNOLOGY

Course Syllabus for the 2009-2010 School Year

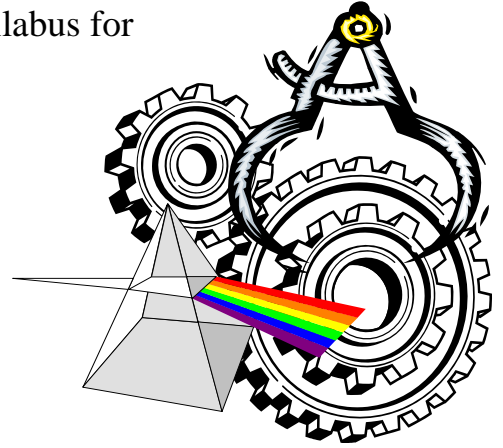
Rm. C102

Mr. Miller

Mr. Miller,

I have read the following information found in your course syllabus for Principles of Technology:

- What's it all about?
- Attendance & Tardies
- What's Expected
- Communication
- Grading Policy
- Supply List
- Make-up and Late Work Policy
- Lab Policy



\_\_\_\_\_  
*Student Signature*

\_\_\_\_\_  
*Parent Signature*

Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Parents,

Please let me know how I can contact you during the day or in the evening.

Thank you ,

Mr. D. Miller

*Name of Parent/Guardian* \_\_\_\_\_

*Day-time Phone # (or address)* \_\_\_\_\_

*Evening Phone #* \_\_\_\_\_

*E-mail Address* \_\_\_\_\_

