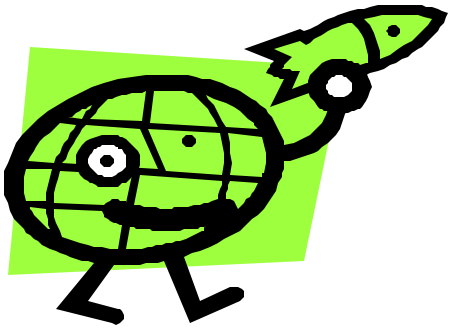
TECHNOLOGY STUDIES 1- 8

Semester 1, 2 9,10,11,12
Credit: 5 hours per semester
Prerequisite: None
Technology Fee: $ 10



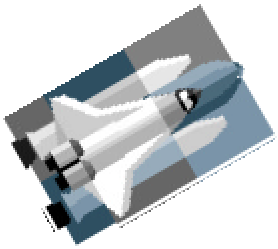
This class is a class where the student can choose what topics they want to study. Topics include:

1. Computer Aided Design (CAD) Mechanical and Architectural- Draw mechanical parts and print on a 3-D printer or design architectural structures and floor plans.
2. Communications- Design and edit digital audio and video clips or create animated clips.
3. Lasers/Electronics- Operate Lasers, Fiber Optics, and Electronic devices.
4. Manufacturing- Operate Computer Numerically Controlled (CNC) machines. Design and manufacture using CNC Lathes and Mills.
   (Equipment restraints – hoping to offer Fall 2005)
5. Promotional Graphics- Design promotional products using graphic design software. Use a laser engraver to create a product.
   (Equipment restraints – hoping to offer Fall 2005)
6. Robotics- Program and control robots and automated devices.
   (Equipment restraints – hoping to offer Fall 2005)

This class may be taken up to eight semesters for credit.

DESIGN PROJECTS 1- 2

Semester 1, 2 9,10,11,12
Credit: 3 hours per semester
Prerequisite: None
Project Fee: $ 20



This class will design and build three projects per semester. Projects may include Bridges, CO_2 Dragsters, Powered Gliders, Rat trap racecars, Prop Racers, Towers, One-Meter Rockets, and more. Each semester builds a different set of projects. This class may be taken twice for credit.