

**CAMAS HIGH SCHOOL**  
**Technical Education Program**

**Independent Technology**  
**"Course Syllabus"**

**Independent Technology** is an activity-based course that provides students the opportunity to conduct advanced research and development activities in a variety of technology related areas of study. Some of these core areas include communication, manufacturing, construction, and power/transportation. A student or small group of students will be able to independently pursue new knowledge, skills, and technical problem solving opportunities in this course. Multiple independent areas of study can be explored over a typical semester or year within this course.

**Example Project Areas of Study**

A+ Certification	CNC	Linux OS
Aerodynamics	Computer Graphic Design	Manufacturing
Alternative Energy	Computer Programming	Material Science
Architectural Design	Computer Repair	Robotics
Audio Editing/Mixing	Digital Photography	Radio Communication
Build a Computer	Ecology & Environment	Solar Energy
CAD	Electronics	Transportation
Communication	Fiber Optics	Video Production
Computer Aided Drafting	Human Powered Vehicles	Webpage Design
Computer Animation	Inventions & Innovations	Robotics
3-D Computer Modeling	Lasers	

**Procedure For Conducting An Independent Study Project**

1. Complete a background feasibility study to determine if the Independent Contract can be completed. Items to consider might include; cost, time factor, material availability, machine and equipment resources, individual skills and knowledge base, and publication resources.
2. Discuss the contact feasibility and acquire approval from **Mr. Williams** to proceed from here.
3. Obtain and thoroughly complete a independent study contract form. (Draft Copy)
  - a. **Problem/Objective** - Define your technical area of study and state problem objective.
  - b. **Research** - Gather and identify all necessary information to propose a solution with a plan of action and needed materials to best meet your problem objective.
  - c. **Process Steps** – Determine the process steps as it relates to completing your contract.
  - d. **Evaluation** – Determine the criteria that the contract will be evaluated by.
  - e. **Final Product or Skill Outcomes** – Identify and document.
  - f. **Type Contract** – Locate and type the approved contract form. (Final Copy)
  - g. **Parent and Student Signature** – Share the contract with your parent or guardian..
  - h. **Application** - Work out the solution (do the work)
  - i. **Weekly Log** - Log your daily activities and progress on the provided form.
  - j. **Notebook** - Maintain your notebook with all related notes and research material.

Our classroom website with some assignments and a variety of other information can be located at the following address... <http://www.camas.wednet.edu/chs/tech/>

## Classroom Expectations

1. Always try to do your best!
2. Cooperate with and respect others.
3. During independent lab work, stay on task with the assigned activity.
4. Seek help from the teacher when needed.
5. Be on time and in your assigned seat/area when the tardy bell rings, remain there until excused to do otherwise.
6. Be PREPARED! (Pencils, pens, books, calculator, computer disks, etc.)
7. You are responsible for makeup work, contact the teacher when returning from an absence.
8. **The classroom Attendance Policy, Dress Code, and Rules of Conduct (Discipline), will all be consistent with the policies outlined in the CHS student handbook.**

## Grading & Attendance Policy

Your semester grade will be based on a percentage point system ...

1. Daily attendance and participation credit is worth 10 points daily. (Can be made-up)
2. Students have up to three days from the date of an absence to provide a valid excuse to the attendance office. After three days, the absence will be classified as unexcused if no valid excuse has been received. 9<sup>th</sup>/10<sup>th</sup> Grade Attendance: 833-5763 | 11<sup>th</sup>/12<sup>th</sup> Grade Attendance: 833-5761
3. A classroom tardy will result in loss of daily credit (10 pts.)
4. Applied lab assignments and tests (approx. 80% of your grade)
5. Lab Assignments are to be done "in class" unless otherwise arranged or directed by teacher.
6. Extra credit assignments may be available upon request.
7. Elective classroom leadership activities are available for extra credit.
8. **Grade Reports** are available upon request by both the student and parent or guardian.

If you have **questions or concerns**, I can be reached via email at: [kelly.williams@camas.wednet.edu](mailto:kelly.williams@camas.wednet.edu) or by phone at 360-833-5769.

## **Grading Scale - School Wide**

A	100% to 92.5% of total points	C	76.4% to 72.5% of total points
A-	92.4% to 89.5% of total points	C-	72.4% to 69.5% of total points
B+	89.4% to 86.5% of total points	D+	69.4% to 64.5% of total points
B	86.4% to 82.5% of total points	D	64.4% to 59.5% of total points
B-	82.4% to 79.5% of total points	I	Incomplete (6 week window for work completion)
C+	79.4% to 76.5% of total points	NC	No Credit

## **Course Lab Fee**

There is a \$10.00 lab fee "per semester" assessed to each student enrolled in this elective course.

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Student Signature

Date

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Parent or Guardian Signature

Date

Parents please include an "email address" if you have one available... I will make every effort to communicate with you as needed relating to your son or daughters progress in class. *Thank you!*

Home Email Contact \_\_\_\_\_

