

**Project Lead the Way
At Trumbull Career and Technical Center
A Nationally Certified Institution
2011/2012 Syllabus**

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Curriculum Philosophy: John Dewey theorized that learning should not only prepare one for life, but should also be an integral part of life itself. Stimulating real problems and real problem solving is one function of project-based learning. Projects assist students in succeeding in life because they allow learners to apply multiple intelligences in completing a project that has meaning and that they can be proud of.

The curricula created by Project Lead the Way, Inc. embraces the educational tenets of project-based learning. The students develop course specific projects as they solve the problems posed by the essential and key questions stated in each Unit and Lesson overview.

Classes Offered:

Girard:	Introduction to Engineering Design	Principles of Engineering
Hubbard:	Introduction to Engineering Design	Principles of Engineering
Brookfield:	Introduction to Engineering Design	Principles of Engineering
Champion:	Introduction to Engineering Design	Principles of Engineering
	Gateway to Technology (Middle School)	
TCTC:	Introduction to Engineering Design*	Principles of Engineering*
	Computer Integrated Machining	Digital Electronics
	Civil Engineering and Architecture	Aerospace Engineering
	Engineering Design and Development (Incorporates Senior Project)*	

* Required courses

All students at TCTC must complete the required courses and at least one elective course to receive a completion certificate from TCTC.

Supplies needed: Composition Book 2 pocket folder

Grading Scale:

92 –100 = A

83 –91 = B

74 –82 =C

66 –73 =D

0 –65 =F

Letter grades are used on student's report card, percentages are used for computing all averages.

Each 9 week grade is 40% of the semester average while the semester exam is 20%. The final grade is computed by adding the 2 semester averages together and dividing by 2.

Grading Procedures:

1. All assignments are due at the beginning of the class period unless otherwise stated by the teacher. If you have a planned absence, turn your work in early.
2. When absent, it is **your responsibility** to find out what you missed. You will be given as many days as you were absent to complete missed assignments.
3. Homework will be checked for completion and all work must be shown. Homework preparation is critical for success in the class.
4. **All** materials must be brought to class every day. Failure to do so will result in point deductions and denial of hall privileges.
5. Disruption of class, failure to follow rules, lack of participation, or missing class may result in the loss of participation points for that particular day.
6. Notebooks will be collected one time in a nine week period and evaluated. Failure to keep an organized folder will result in point deductions.
7. Final grades will be determined based on the following criteria: Participation, Tests, Quizzes, Notebooks, Homework, and projects. Each project will have a rubric established and distributed at the beginning of each project.

Classroom Rules:

1. Follow direction and pay attention in class.
2. Actively participate and take notes.
3. Be prepared. Bring **ALL** required materials to class.
4. Be **respectful** to classmates and teachers.
5. Do not touch lab or demonstration materials until told to do so.
6. Be in your seat when the bell rings.
7. If you have something to say, **raise your hand**.
8. Do not throw any object at any time.
9. Use appropriate language.
10. Late work can be submitted for partial credit.

Consequences:

Failure to follow the class rules may result in one of the following consequences: warning, loss of participation and conference with teacher, loss of participation and office referral, or removal from class.

Tardiness:

It is your responsibility to be to class on time. Chronic tardiness to class will result in the above consequences.

Immediate Removal from Class:

Due to safety concerns, the following actions in class or laboratory will result in immediate removal and an office referral:

1. Putting others in danger of injury.
2. Refusal to follow teacher all directions.
3. Out of control verbally or physically.
4. Distraction other students.
5. Misuse of equipment or intentionally damaging school property.
6. As needed by the instructor.

IF YOU DON'T UNDERSTAND SOMETHING ASK!