



Cawthra Park Secondary School
Course Outline and Statement of Expectations for Students and Parents

Visual Arts + Technology Department
Course Name: Technological Design 11 (Col/Uni)
Credit: 1 Senior Technological Studies Credit

Department Head: Mr. Ball
Teacher: Mr. Chute
Course Code: TDJ3M

Technological Design 11 – College/University

Course Description

This course examines how human, environmental, financial, and material requirements and resources influence technological design. Students will research, design, build, and assess solutions that meet specific human needs, using working drawings and other communication methods to present their design ideas. They will develop an awareness of environmental, societal, and cultural issues related to technological design, and will explore career opportunities in the field, as well as the college and/or university program requirements for them.

Materials Fee: \$20

Areas of Study (subject to change)

Orthographic Drawings with Computer-Aided Design (CAD)
Structural Design – Save Us From Nuclear Attack
Mechanical Design – P&P Robot Combat
Transportation Design – Yodelling Practice for Designers
Wood Design – Dude, It Used To Be A Tree!
Final Exam Jan 6th – Jan 15th inclusive and in class

Course Policies

Shop Rules

FOUR SIMPLE RULES

1. Follow instructions the first time they are given.
2. Unsafe behaviour is not tolerated.
3. NO food or beverage **of any kind** is allowed in the classroom or shop.
4. NO music players are allowed in the shop.

School Equipment

Students are expected to keep school equipment in an excellent state of repair. If equipment breaks, tell your teacher immediately so that it can be fixed. Students who willfully damage or deface school equipment in any way beyond normal wear and tear will be required to compensate the school for repair or replacement costs of such items. Similarly, the cost of lost items will be borne by the student.

Assessment and Evaluation

Evaluation Students are expected to familiarize themselves with the more detailed evaluation information found in the **Cawthra Park Student Agenda**.

Term Work	70 %	Projects	25% Application
		Presentation of work	15% Communication
		Research/Designs/Effort	15% Thinking
		Terminology & Techniques	15% Knowledge & Understanding

Final Evaluation 30% Summative assessment will cover all of the work from the course, in all categories. Final evaluation in this course generally consists of both a written and practical component.

Learning skills will be included in the numeric grade for the course because Technological Design curriculum is directly tied to the **Ontario Skills Passport**. The Ontario Skills Passport provides clear descriptions of the essential skills and work habits important for work, learning and life. The development of these skills is critical to academic achievement. Students will be assessed throughout the course and will also be rated separately on the provincial report card on **Independent Work Skills, Work Habits, Teamwork Skills, Initiative, and Organizational Skills**.

Ontario Skills Passport website is skills.edu.gov.on.ca.

Process and Attendance “**Process**” Is an integral part of courses at Cawthra Park. Skills are taught, practiced and assessed daily in the classroom. For this reason, daily attendance is crucial for success. Poor attendance is the leading cause of failure in this course. This is a course where you demonstrate your skills. It’s hard to demonstrate something here when you are somewhere else. Expect your mark to drop every time you are away without a VALID reason.

Lates

It is the student’s responsibility to catch up on missed work. Instructions will not be repeated.

Absences

Explained absences – If you know you are going to be away, please tell Mr. Chute.

Accommodations can usually be made when you do this. It is ultimately your responsibility to make up for lost time.

Unexplained absences – These will be dealt with through consultations with any and/or all of the following and in no particular order: Mr. Chute, Counseling, Vice-Principals, and Parents.

Academic Honesty

Individual work submitted by a student must have been wholly completed by that student. Group work submitted must have been wholly completed by that group. Plagiarism, including misrepresentation of original work, electronic theft, lying, cheating, theft of evaluation instruments, use of unauthorized aids and false representation of identity, will result in appropriate penalties, the least of which will be a zero for that assignment.

Computer Use, Software, & Security

Logging in to any account other than your own is considered an offense under the Acceptable Use Policy for computers outlined in your student planner.

It is advised that you purchase and use a USB flash drive to back up your work. 512MB or greater is recommended.