Iroquois Ridge High School

TIJ1O – Exploring Technologies - Course Outline

Teacher Name Mr. Brunato   *CHATT Address*   *Website: www.brunato.com*

                              Office Hours   *Room: 131*

Teacher Name   *CHATT Address*   *Website*

                              Office Hours   *Room*

This exploratory course introduces students to concepts and skills related to technology. Students will be given the opportunity to design and create products and/or provide services related to the various technological areas or industries, working with a variety of tools, equipment, and software commonly used in industry. will develop an awareness of related environmental and societal issues, and will begin to explore secondary and postsecondary pathways leading to careers in different technology fields.

Curriculum

Students final report card grade will be based on the evidence provided of these overall curriculum expectations:

A. TECHNOLOGY FUNDAMENTALS
   A1. demonstrate an understanding of the fundamental concepts and skills required in the planning and development of a product or service, including the use of a design process and/or other problem-solving processes and techniques;
   A2. demonstrate the ability to use a variety of appropriate methods to communicate ideas and solutions;
   A3. evaluate products or services in relation to specifications, user requirements, and operating conditions.

B. TECHNOLOGICAL SKILLS
   B1. use problem-solving processes and project-management strategies in the planning and fabrication of a product or delivery of a service;
   B2. fabricate products or deliver services, using a variety of resources.

C. TECHNOLOGY, The ENVIRONMENT, and SOCIETY
   C1. demonstrate an awareness of the effects of various technologies on the environment;
   C2. demonstrate an awareness of how various technologies affect society, as well as how society influences technological developments.

D. PROFESSIONAL PRACTICE and CAREER OPPORTUNITIES
   D1. follow safe practices and procedures when using materials, tools, and equipment;
   D2. identify careers in various technological fields, and describe the educational requirements for them.

Your Report Card Grade will be determined as follows:

Term work: **70%** of your grade will be based on all of the evidence you have provided. It will reflect your most consistent level of achievement with special consideration given to more recent evidence.	14% **Knowledge & Understanding**: Emphasizes the ability to recall factual information, recognize fundamental concepts and the foundational skills of the subject/discipline. 35% **Application**: Emphasizes the application and integration of knowledge, skills, processes and techniques to produce evidence of the student's understanding. 14% **Thinking**: Emphasizes the thinking skills used in thinking processes to demonstrate the student's understanding of information they have processed. 7% **Communication**: Emphasizes the clear, precise and effective use of oral, written and visual language to communicate the student's understanding of information and ideas
Final Evaluation: **30%** of your grade will be determined at the end of the course.	30% **Performance Task**
	0% **Written Exam**
Your **final grade** will be calculated by combining your Term (70%) grade and your Exam and Performance Task Evaluations (30%). The Performance Task Evaluations may take place at the end of each technological education classroom rotation or at the end of the course.	

Academic Standards

It is your responsibility to provide evidence of your learning within established timelines. Due dates for assignments and the scheduling of tests will be communicated well in advance to allow you to schedule your time. If you aren't going to be able to follow an agreed upon timeline you should demonstrate your responsibility and organizational skills by discussing with your teacher the challenges you're facing as far in advance of the deadline as possible.

It is your responsibility to be academically honest in all aspects of your schoolwork so that the marks you receive are a true reflection of your achievement.

Plagiarism is using the words, ideas or work of someone else without giving appropriate credit to the original creator. This is a form of cheating.

Consequences for not meeting these academic standards may include:

- Reporting the issue to your parents;
- Requiring you to complete the original or alternative work after school or during your lunch hour;
- Requiring you to complete an alternative assignment;
- Suspension;
- Assigning a "zero" for an assignment not completed prior to an agreed upon closure date;
- Mark deduction of 5% / day.

NOTE: the complete HDSB policies and administrative procedures for "Lates and Missed Assignments" and "Cheating and Plagiarism" policies may be found at www.hdsb.ca

Learning Skills & Work Habits

These learning skills and work habits will be taught, assessed and evaluated throughout the course.

Learning Skills and Work Habits	E – Excellent G – Good S – Satisfactory N – Needs Improvement

Responsibility
- Fulfils responsibilities and commitments within the learning environment.
- Completes and submits class work, homework, and assignments according to agreed-upon timelines.
- Takes responsibility for and manages own behaviour.

Organization
- Devises and follows a plan and process for completing work and tasks.
- Establishes priorities and manages time to complete tasks and achieve goals.
- Identifies, gathers, evaluates, and uses information, technology, and resources to complete tasks.

Independent Work
- Independently monitors, assesses, and revises plans to complete tasks and meet goals.
- Uses class time appropriately to complete tasks.
- Follows instructions with minimal supervision.

Collaboration
- Accepts various roles and an equitable share of work in a group.
- Responds positively to the ideas, opinions, values, and traditions of others.
- Builds healthy peer-to-peer relationships through personal and media-assisted interactions.
- Works with others to resolve conflicts and build consensus to achieve group goals.
- Shares information, resources, and expertise, and promotes critical thinking to solve problems and make decisions.

Initiative
- Looks for and acts on new ideas and opportunities for learning.
- Demonstrates the capacity for innovation and a willingness to take risks.
- Demonstrates curiosity and interest in learning.
- Approaches new tasks with a positive attitude.
- Recognizes and advocates appropriately for the rights of self and others.

Self-Regulation
- Sets own individual goals and monitors progress towards achieving them.
- Seeks clarification or assistance when needed.
- Assesses and reflects critically on own strengths, needs, and interests.
- Identifies learning opportunities, choices, and strategies to meet personal needs and achieve goals.
- Perseveres and makes an effort when responding to challenges.

Unit Outlines

Units	Curriculum Focus	Major Assignments / Evaluations	Key Resources
1			
2			
3			