

TEACHER: A. Hallihan

COURSE DESCRIPTION:

Technology 9 further develops basic skills introduced through the middle level technology continuum block. Learners begin their journey through an introduction to advanced digital and skilled trades learning strands. Once required pre-requisite learning is achieved, learners combine informational technology skills and applied skills to solve and explore sector related problems. A focus on project-based learning emphasizing design thinking and project management is realized. Final capstone projects are shared through presentations highlighting the design, systems thinking, and entrepreneurial mindset achieved.

This is a semester course where students will be encouraged and expected to develop their digital, safety and applied skills as they explore various industry sectors in New Brunswick. Through a problem or innovation-based learning lens, students will engage in the design process to create projects. Students will also continue to develop their global competencies: collaboration, communication, innovation/creativity/entrepreneurship, sustainability/global citizenship, self-awareness/self-management, and critical thinking/problem solving. Students will engage in a hybrid of applied and digital technology activities, assignments, certifications, and projects.

OVERVIEW:

DESCRIPTION	ASSESSMENT
Orientation & Safety <ul style="list-style-type: none"> ✓ MakerSpace Overview ✓ WHMIS/Safety Orientation ✓ MS Teams Applications ✓ Software...Resources/Tools/Training/Applications ✓ Hardware...Resources/Tools/Training/Applications 	Certifications Activities Assignments C-Journal
Design Thinking & Applied Skills <ul style="list-style-type: none"> ✓ Ideas/Objectives/Goal(s) ✓ Electronic Resources/Support ✓ Planning/Designs ✓ Materials/Tools ✓ Prototype(s) ✓ Product(s) 	Project Proposal & Design Plans Presentation Showcase Product(s)...promotional video, brochure, or social media platform C- Journal
Digital Skills & Digital Literacy <ul style="list-style-type: none"> ✓ Internet Communication Devices ✓ Networking ✓ Computational Practice & Coding ✓ Digital Citizenship 	Activities Assignments Certifications C-Journal

EVALUATIONS:

- Orientation & Safety 30 %
- Design Thinking & Applied Skills 40 %
- Digital Skills & Digital Literacy 30 %
- Final Assessment...

Depending on incentives earned, a student’s final mark could be valued at 30% or 15%. This would result in an overall final calculation as outlined below:

	Semester Work	Final Assessment	Final Grade
Scenario #1	70%	30%	100%
Scenario #2	85%	15%	100%

Innovation distinguishes between a leader and a follower.’ – Steve Jobs