The way to a career in...
Architecture
Engineering
Industrial design
Advertiseing
Photography
Film and video
Graphic design
Interior design
Set design
Carpentry,
Manufacturing
Electrical
Game development
Com. Engineering
Software design

Technological Studies @ UHS

YRDSB

Grade 9
Integrated Technology
Project based course integrates all available UHS technology programs including design, electronics, graphic design, digital movie making & construction.
The emphasis is on invention and exploration.

Grade 10, 11 & 12
Five streams available at UHS:

- Manufacturing Technology (Robotics and Electronics)
- Design Technology (Industrial and Architectural Design)
- Construction Technology (Stagecraft and Set Design)
- Communication Technology (Digital Photography, Video, Graphic Design, Desktop & Web Publishing)
- Computer Engineering (Robotics, Programming, Networking)
Architecture
Engineering
Industrial design
Interior design

Technological Design

Construction Tech/Stagecraft

TCJ3C1/TCJ3E1 (College/workplace)

Students design and build theatre sets for a theatre production, as well as designing, building and running other aspects of the show.

Construction Tech/Stagecraft

TCJ4C1 (College/workplace)

Students design and construct sets, costumes and lights as well as run and coordinate all aspects of theatre productions.

Manufacturing Engineering Technology

Electronics

TMJ2O1 (Open)

TMJ3O1 (Open)

TMJ4O1 (Open)

Students apply theory in the design and assembly of various electronic and robotic projects.

Communication Technology
Broadcast Production

TGJ3M1 (College/University)

Students will explore all aspects of TV studio production, animation, digital audio, graphics & digital photography.

Communication Technology
Advertising Graphics & Digital Imaging

TGJ3O1(open)

Students will explore all aspects of TV news production including lighting, sound, reporting, editing and news gathering.

Communications-Technology

tgj4m1 (college/university) (Open)

Students use and author advanced, state-of-the-art, CD, DVD, and other digital media in their exploration of communication in the modern world.

Technology Design
Architectural Drafting and Design (C/U)

TDJ3M1

Students will continue to develop their skills through architecturally-themed exercises and projects, culminating in the design and construction of a scale model.

Design Technology
Architectural Design

TDJ4M1 (C/U)

Students apply design, engineering and architectural theory in the development of large scale design projects.

Engineering
Electronics
Robotics
Networking

Computer Engineering

TEJ 3M1 (C/U)

Students will learn how to design, develop and apply problem solving solutions to engineering, electronics, and robotics projects.

Computer Engineering

TEJ 4M1 (C/U)

Advanced topics in engineering, electronics, and robotics solving more complex problem solving situations.

Advertising
Photography
Film and video
Graphic design

Communication Technology
Multi-Media Production

TGJ2O1 (Open)

Much of this course will be centered on video production and digital photography. Projects include silent movies, music videos and portraiture.

Communication Technology
Broadcast Production

TGJ3M1 (College/University)

Students will explore all aspects of TV studio production, animation, digital audio, graphics & digital photography.

Construction Tech/Stagecraft

TCJ2O1 (Open)

Students will learn by helping in the design and construction of a set for a theatre production, as well as designing, building and running all aspects (i.e., lighting, sound, costuming, etc.) of the show.

Construction Tech/Stagecraft

TCJ3C1/TCJ3E1 (College/workplace)

Students design and build theatre sets for a theatre production, as well as designing, building and running other aspects of the show.

Construction Tech/Stagecraft

TCJ4C1 (College/workplace)

Students design and construct sets, costumes and lights as well as run and coordinate all aspects of theatre productions.

Manufacturing Engineering Technology

Electronics

TMJ2O1 (Open)

TMJ3O1 (Open)

TMJ4O1 (Open)

Students apply theory in the design and assembly of various electronic and robotic projects.

Computer Engineering

TEJ 2O1

Students will be introduced to designing, developing and applying problem solving solutions to engineering, electronics, and robotics projects.