



TECHNICAL STUDIES

BELLE RIVER DISTRICT HIGH SCHOOL

Integrated Technologies “TIJ10 A & TIJ10 B”

Integrated Technologies will give students the chance to explore Technologies in the following areas on a rotational basis during the semester. Students may choose which cluster of Technology courses they'd like to explore: TIJ10 A or TIJ10 B

TIJ10 A

Manufacturing

Manufacturing techniques and machining operations
Design and building of products

Construction

Carpentry and building techniques
Home Improvement ideas
Woodworking projects
Design and build

Transportation

Transportation systems in the world around us
Automotive systems and techniques
Small engine repair

TIJ10 B

Communications

Audio/Video production
Digital Photography
Graphic Design

Design

Engineering drawing and interpretation
Design and build of CAD/CNC generated projects

Computer Engineering

Computer systems and control of external devices. Assembly of computers and small networks. Installing and configuring appropriate hardware & software.



Technical courses offer a different look at education from a non-traditional viewpoint with learning through seeing, touching, and doing! **We make things!**

Develop a technical literacy that will assist you in your daily lives, gain a sense of pride in what you can produce.
Prepare yourself for further Technical education in University, College, or the Skilled Trades.

What's Beyond Grade 9 Integrated Technology?

Ontario Youth Apprenticeship: Enhanced OYAP Program in Precision Metal Cutting

The Ontario Youth Apprenticeship Program is a School to Work program that opens the door for students to explore and work in apprenticeship occupations starting in Grade 11 or 12 through the Cooperative Education program. Students have an opportunity to become registered apprentices and work towards becoming certified journeypersons in a skilled trade while completing their secondary school diplomas. The goals of OYAP are:

- To provide students with the opportunity to start training in a skilled trade while completing the requirements for an Ontario Secondary School Diploma;
- To enable students to make the school to work transition by direct entry into apprenticeship training;
- To provide employers with the opportunity to train the skilled workers they require;
- To provide a viable solution to address the problem of skilled tradespeople shortages in general, and specifically the lack of young people joining the trades.

Specialist High Skills Major (SHSM) in Communication Technology, Manufacturing, and Transportation (Gr. 11-12)

Students interested in a post-secondary education or career in any of the above areas should consider obtaining a Specialist High Skills Major. The student will receive special recognition on their Ontario High School Diploma and achieve the following:

- Potential preferred standing for future education and employment
- Core “bundled” courses with an emphasis on the area that they choose.
- Co-op placement in the discipline area.
- Specialized training (first aid, CPR, etc.)
- Experiential learning
- Field trips relating to their chosen areas.

Department Head of Tech Studies

Mr. L. Awad

In Grades 10, 11, and 12 Specialized Courses In:

**Manufacturing, Construction, Design, Communications, Computer
Engineering & Transportation**

BELLE RIVER TECH.

WE “MAKE THINGS” HAPPEN



**Precision Metal
CUTTING**

