

SCHOOL PAGES

BARTON SECONDARY SCHOOL

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Barton Secondary School is committed to the highest standards of academic excellence. Pathways to apprenticeship, college, university or the workplace meet the needs of all students.

SPECIALIZED AND PERSONALIZED LEARNING

Basketball Academy - This grade 9, 10 and 11 program emphasizes basketball fundamentals and skill development. Through classroom instruction and active participation, students are introduced to individual goal setting, team building, fitness, healthy living, coaching, refereeing, game tape analysis, sports ethics and sports injuries.

Course Codes: PAL1O1B, PAL2O1B, PAL3O1B

Manufacturing Plus - Students gain valuable skills in welding, blueprint reading, machining, CNC plasma and oxy-fuel cutting using a variety of software. Students develop skills, design and fabricate projects using state-of-the-art, industry-standard equipment. These students have a direct pathway to the SHSM Manufacturing program offered at Barton.

Course Codes: TMJ1O1, TMJ2O1

SPECIALIST HIGH SKILLS MAJOR (SHSM)

Information and Communications Technology - Creative Communications is a project-driven course for students pursuing a career in the media industry. A new HD multi-camera TV studio helps students explore productions in audio, video, editing, broadcast journalism, graphic design, photography, digital imaging and web design. Through hands-on learning and field trips, students explore a variety of career options. Course Codes: TGJ3M2, TGJ4M2

Manufacturing - This program is for students interested in manufacturing and offers pathways to all destinations. Barton is an accredited testing facility for the Canadian Welding Bureau. Students gain sector-recognized training or certification as well as Canadian Welding Bureau Qualifications in any of the following: shielded metal arc welding, gas metal arc welding or fluxcore arc welding, and propane training. Students are trained in AutoCAD and operate an industry-standard CNC plasma/oxy-fuel cutting machine and a Piranha ironworker. Course Codes: Grade 11 - TMJ3C2 or two of: TMP3C1, TMJ3E1, TMW3E1, TDJ3O1. Grade 12 - TMJ4C2 or two of: TMP4C1, TMJ4E1, TMW4E1, TDJ4O1

FOCUS COURSES

Visual Art - Portfolio Plus - Students develop artistic technical and conceptual skills in a creative environment through various forms of mediums such as digital art and manipulation of graphic imagery. To develop their artistic potential, students are given choices and assignment flexibility related to their unique interests. This course is a pathway to exciting creative careers.

Course Codes: AWD2O1,

Yearbook (IDC3O1, IDC4O1, IDC4U1), Guitar (AMG1O1, AMG2O1, AMG3M1, AMV4M1), Animation (AWR3M1, AWR4M1), Drawing (AWL3O1), Photography (AWQ3M1, AWQ4M1)

SPECIALIZED COURSE PACKAGES

CISCO - The CISCO Certified Network Associate (CCNA) program is internationally recognized and prepares students for networking and IT careers. Students take the CCNA preparation course in TEJ3M, TEJ4M (parts 1 and 2). CCNA parts 3 and 4 are taught in TEN3M and TEN4M.

SPECIALIZED PATHWAY PROGRAMS

Transportation Technology Program - This two-part program at the grade 11 and 12 levels includes auto service and auto mechanics. Courses Codes: TTJ3C, TTA3C, TTJ4C, TTA4C

Construction Technology Program - This two-part program at the grade 11 and 12 levels consists of cabinet making and home/building construction.

Courses Codes: TCJ3C, TWJ3E, TCJ4C, TWJ4E

English as a Second Language - Five levels of ESL and 4 levels of ELD are offered at Barton. ESL programming is available in business, careers/civics, drama, family studies, geography, history, physical education, mathematics and science.