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This personal information is being collected under the authority of The Public Schools Act for School related purposes. It is protected by the Protection of Privacy provisions of The Freedom of Information and Protection of Privacy Act and the Personal Health Information Act. If you have questions about the collection, please contact your school principal.

# **TEC-VOC GRADE 10 APPLICATION 2015-2016**

Please read the course information on page 3 & 4 before completing this application form.



# PART A: COMPULSORY ACADEMIC COURSES

If you did not receive a credit in Grade 9 Compulsory courses please select that course with a checkmark (1).

Grade 10 Compulsory Academic C	Courses					
CAREER & TECHNOLOGY STUDIES	LWPH2S/DPHR3S					
ENGLISH 20F	ENGR2F					
SCIENCE 20F	SCIR2F					
GEOGRAPHY 20F	GEOR2F					
PHYS. ED.(Please select 1. See guid	lance for multiple selections.)					
PHYS. ED 20F	PHER2F					
ATHLETE ACADEMY						
Football	PEAF2F					
Basketball	PEAB2F					
FEMALE FITNESS	PEFR2F					
MATH: (Please select 1. See guidance for multiple selections.)						
INTRO. APPLIED & PRE-CAL 20S	IAPR2S					
ESSENTIAL MATH 20S	ESMR2S					
INTRO. APPLIED & PRE-CAL 20S						
ENRICHED	IAPE2S					

$\checkmark$					
Grade 9 Repeater Academic Courses					
ENGLISH 10F	ENGR1F				
MATHEMATICS 10F	MATR1F				
SCIENCE 10F	SCIR1F				
HUMANTIES (SOCIAL STUDIES) 10F	SOSR1F				
PHYS. ED 10F	PHER1F				

# PART B: OPTIONAL COURSES

CHILD DEVELOPMENT PRACTICUM	1 30S CCTV3S _		INFANT DEVELOPMENT PRACTICUM 20S	PAPR2S			
CLOTHING, HOUSING & DESIGN 20	0G CHDR2G _		INTRO TO ROBOTICS	ROBV21			
COMPUTER SCIENCE 20S	ISTV22		INTRODUCTION TO MULTI-MEDIA/				
DANCE 20S	DANR2S		ANIMATION	ISTV23/ISTV24			
DESIGN DRAFTING 20S	DD435V2S(23)		JAPANESE STUDIES 20G	JAPR2G			
DRAMA 20S	DAMR2S		MAINTAINING PERSONAL COMPUTERS 20	0S ISTV21			
FAMILY STUDIES 20F	FASR2F		NATIVE STUDIES 21G	NASY2G			
FILM PRODUCTION 30S	RTBV24		PIANO INTRO 20S	MPIR2S			
FOODS & NUTRITION 20G	FONR2G		ROBOTIC (BEGINNING ROBOTICS)	ROBV21G			
FRENCH	FRER2F		RECORDING TECHNOLOGY 20G	RETV2S			
FUTURES IN BUSINESS/			RETAILING 20S	RETR2S			
START YOUR OWN BUSINESS	FUBR1G/SYBR2G		VISUAL ARTS 20S	VIAR2S			
GUITAR 20S	MGUR2S						
*These course	*These courses with an asterisk are schedule before school, during lunch hour or after school						

*CONCERT BAND 20S	MCBR2S	*JAZZ CHOIR 20S	MJCR2S	
*CONCERT CHOIR 20S	MCCR2S	*THEATRE TECHNOLOGY 20S	THTV2S	
*JAZZ BAND 20S	MJBR2S			

# PART C: TECHNICAL-VOCATIONAL PROGRAMS (2 CREDITS PER COURSE)

Students taking a vocational or dual diploma can select 1 or 2 programs from the list below in order of preference (i.e. 1, 2). See page 3 or 4 for a description of the program.

ADVERTISING	ADAV20	DESIGN DRAFTING	TEDV20
AVIATION & AEROSPACE TECHNOLOGY	AETV20	ELECTRICAL	ELEV20
AUTOMOTIVE TECHNOLOGY	POMV20	ELECTRONICS	ELRV20
BAKING & PASTRY ARTS	COBV20	GRAPHIC COMMUNICATIONS	GRAV20
BROADCASTING/MEDIA ARTS	RTBV20		
<b>BUSINESS &amp; COMPUTER TECHNOLOGY</b>	(Select both below)	INFORMATION TECHNOLOGY	(Select both below)
<pre>     Futures in Business/     ] </pre>		Maintaining Personal Computers	20s   ISTV21
- Start Your Own Business - FUBF	1G/SYBR2G	Maintaining Personal Computers	ISTV22
Retailing 20S	RETR2S	MACHINING TECHNOLOGY	MATV20
CARPENTRY	BUCV20	PROFESSIONAL PHOTOGRAPHY	PHOV20
CULINARY ARTS	COCV20	WELDING TECHNOLOGY	WELV20
*Please note	that all course selections a	are based upon enrolment numbers.	
Date:	Parent/Guardian Sig	nature:	
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l agree I disagree with the	course selection. Counse	llor's Signature:	
Sending School:	Student #:		

### SENIOR HIGH PROGRAM

Tec-Voc offers a variety of Technical/Vocational and Academic programs that may lead to further study at University, Community College or in Apprenticeship. Students must complete 30 credits in order to graduate with a Tec-Voc diploma. Students who register in an Academic program may choose from a full range of courses including those required for university entrance. In order to graduate with a Technical diploma, students must complete 10 credits from Grade 10 - Grade 12 in the program they choose (except Dental Assisting, Dental Technology, Child Care, Advertising Art (which require 8 credits) and Graphic Communication (which requires 9 credits). Please read the Tec-Voc Student Handbook and talk to your guidance counsellor in order to make informed decisions about your courses.

#### **DUAL DIPLOMA**

Tec-Voc students have the unique opportunity to combine a Technical program with a University Entrance program. The resulting Dual Diploma will best open the many doors leading to university, community college, apprenticeship training or employment. Please speak to a Tec-Voc counsellor about this program (786-1401).

#### **TECHNICAL/VOCATIONAL PROGRAMS**

Students who wish to complete a Technical Diploma must complete the credit requirements of the vocational program as well as the academic requirements. Below is a brief description of each of the Technical Vocational programs offered in the school. If you would like more information about a program, please see the Tec-Voc Student Handbook or call the school at 786-1401. When you have chosen a program that you wish to attend, please complete section C on page 2.

<u>Advertising</u> The first year will introduce students to design illustration. Students will use a variety of drawing materials and tools and practice with different techniques and mediums. Main topics include colour theory, typography basics and layout. Design procedure and theories will also be examined.

<u>Automotive Technology</u> This is an introduction to Automotive Mechanics. Areas of study are: Safety and general shop practice, engine design and operation, basic vehicle maintenance and repair.

**<u>Aviation & Aerospace Technology</u>** This course is intended for students wishing to investigate Aviation and Aerospace Technologies. Curriculum content focuses on the maintenance and manufacturing of aircraft. The emphasis will be on developing hands-on skills through project based activities.

**Baking and Pastry Arts** First year is an introduction to the bakery using hand tools and stationary equipment. An introduction to the art of cake decorating, recipe and ingredient knowledge, with special emphasis on Health and Safety regulations.

**Broadcasting/Media Arts** First year introduces students to the tasks and equipment used in television, film and radio production by assisting in a variety of projects from concept through to production.

**Business & Computer Technology** is intended to give students the skills needed to start a small business, work in marketing, accounting, computer applications and general office procedures. Futures in Business/Start Your Own Business and Retailing are both required for the certificate program.

**<u>Carpentry</u>** The first year will introduce students to measurement, use and care of hand tools, portable power tools and stationary woodworking machines, project design and layout, material selection and basic finishing techniques.

<u>Culinary Arts</u> Culinary Arts 20 is an introduction to basic cooking procedures beginning with safety, sanitation, and tool usage. Students will progress through specialty areas such as garde manger, stocks and soups, vegetable cookery, meat cookery, basic baking and nutrition.

**Design Drafting** Students are introduced to basic architectural and engineering drafting practices. These courses provide an introduction to basic design. Students will use a design process to design and create a computer model of a cottage, gaining an understanding of interior design and small house construction processes. Students also use engineering CADD software when drawing views of objects, dimensioning, reengineering everyday objects, and inventing new ones. Students compete in the Skills Manitoba 2D AutoCAD competition.

<u>Electrical</u> The grade 10 program introduces students to the basic concepts of safety, residential electrical construction and maintenance.\_Students learn to work with power and hand tools as well as designing basic CCTS. Students are introduced to lighting components and apparatus.

<u>Electronics</u> Students will learn basic skills, such as soldering, identifying components and reading schematics, to create and complete take home electronics projects. Students will program and control a simple robot and simple input/output devices that may be found attached to home security systems to understand embedded systems. Hand-on experiences in direct current, series circuits, parallel circuits and the use of meters and other related equipment are used for further understanding in the Grade 11 and Grade 12 courses.

<u>Graphic Communications</u> Students will learn basic graphic communication processes and techniques needed to produce printed materials (offset, digital and screen printing). They will originate ideas for projects such as t-shirts, digital tattoos, and magazine covers. Basic Software skills are developed here and are a focus in the first semester while hands on skills are the focus of semester 2.

**Information Technology** provides students with opportunities to study computer systems, telecommunication, software development (programming), networking, computer repair and troubleshooting. Computer Science and Maintaining Personal Computers are required, while Intro to Multimedia/Animation is optional.

<u>Machining Technology</u> Students will learn an introduction to technical drawing interpretation, hand tools, layout techniques, drill press operation, band saw operation, precision measurement, lathe operation, quality control and computer numerical control (CNC) programming, set-up operation and more.

**Professional Photography** Grade 10 introduces students to many basic technical skills and processes. They learn how to operate the latest of digital DSLR cameras. They learn to do accurate exposure readings using different types of light meters. Basic lighting and camera techniques are emphasized in tabletop photography and portraiture assignments. Students are also introduced to Photoshop Basics.

**Welding Technology** is the most efficient way to join metals and is used in the manufacturing process of almost everything that is made of metal. It is a craft that requires patience, a steady hand and an eye for detail. Using a "hands-on" approach, students will have the opportunity to explore the many areas of welding which are in high demand in industry.

# **OTHER PROGRAMS**

**Child Care, Dental Assisting and Dental Technology** are two-year programs starting in Grade 11. Students planning to enter these programs must complete Senior 2 compulsory academic requirements. For information about these programs, please speak to a counsellor.

## **Study Skills**

The Study Skills (Room 201) is open during regular school hours for students who require additional support in their academic courses. **Students may also be scheduled for regular resource support in English and Math**. Please contact 786-1401 ext. 515 for more information.

## Teenage Parent Program

The Teenage Parent Program at Tec-Voc is both a parenting program and a support program. It allows teenage parents to continue their high school education and to learn parenting skills through the Human Ecology course requirements. If interested, please inquire about the separate application form through our guidance office or phone Mrs. Beilner at 786-1401 ext. 538.

## **Tec-Voc Learning Centre**

This program offers students assistance in academic courses. It is open Monday-Thursday from 3:30 - 6:30 p.m. Teachers and peer tutors are available to assist and support your learning in an after school program. Students may use the computer lab, library and classroom resources during this time. We have a PLACE & SPACE reserved just for YOU.

You can also visit our website for additional information at: www.tecvoc.ca