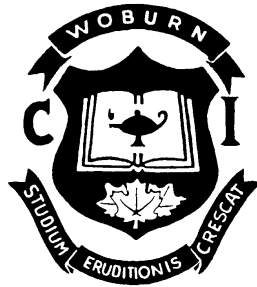


**WOBURN  
COLLEGIATE  
INSTITUTE**

**SUPPLEMENT  
TO  
“CHOICES”**

**GRADE 11**



**2010-2011**

## WOBURN COLLEGIATE INSTITUTE

### SUPPLEMENT TO “CHOICES” GRADE 11 2010 – 2011 COURSE SELECTIONS

Parents and Students:

Choosing your courses needs to involve a great deal of thought and consideration as it may affect your future plans. To help you with the process of selecting your courses you will be given “Choices”, a document that outlines information that will assist you with the course selection process. The information in “Choices” can also be found at [www.tdsb.on.ca](http://www.tdsb.on.ca). Your parents and teachers will also be asked to make recommendations and you may, of course, speak to any Guidance Counsellor for advice.

Not all courses described in “Choices” are available at Woburn and there are a few available at Woburn that are not described in “Choices”. Thus, this supplement will assist you in making wise, appropriate choices for September 2010.

Please note that throughout the supplement, where an asterisk (\*) accompanies a course code, there is a description of that course in this supplement.

- a “6” designation in a course code as the sixth character, is for Gifted programs only; descriptions are contained in a separate Gifted Course booklet
- an “8” designation in a course code is for English as a Second Language/English Literacy Development

**Our Student Services Department has counsellors who will assist you in your planning of educational and career goals. Please do not hesitate to consult with them. Have your questions ready for them when they visit classrooms in the next few weeks.**

Please take care to make informed decisions that will guarantee success in 2010 – 2011

WOBURN ADMINISTRATION and STUDENT SERVICES DEPARTMENT

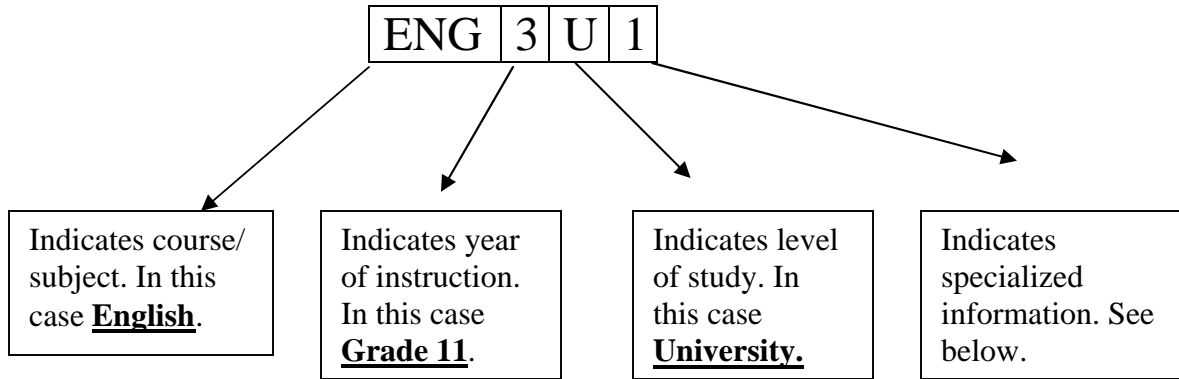
#### ANCILLARY FEES

Parents and students should note that some courses have fees attached to them to offset costs specific to the special nature of these courses. These fees are determined by the Department Heads in consultation with the Administration and are reviewed annually.

The Administration will determine the time frame for the collection of these fees with the intent to stagger their collections throughout the year. Should the payment of such fees pose a financial hardship, students should speak with their teacher privately or to a guidance counsellor. Options to a single payment might include payment in installments or payment at another time or student assistance in lieu of a fee or another suitable arrangement.

## UNDERSTANDING THE CODES FOR COURSES

EXAMPLE:



The 5<sup>th</sup> character always indicates the stream or level of the course. There are 5 possibilities in Grade 11.

U = UNIVERSITY

C = COLLEGE

M = UNIVERSITY/COLLEGE

E = WORKPLACE

O = OPEN

The 6<sup>th</sup> character indicates specialized information for Woburn Students.

6 = GIFTED

8 = ESL

Other letters are also used in the 6<sup>th</sup> character to distinguish between different Technical subjects and Physical Education Programs, etc.

**COURSES OFFERED AT YEAR 3**

**PART A: COMPULSORY SUBJECTS**

Subject	Level	Code	Preparation
<b>ENGLISH</b>	Workplace	ENG3E1	ENG2L/2P/2D1
	College	ENG3C1	ENG2P1/D1
	University	ENG3U1	ENG2D1
	Gifted	ENG3U6	ENG2D6
<b>ESL</b>	Level 1 (2 credits)	ESLAO8, GLS1O8	None
	Level 2 (2 credits)	ESLBO8, GLS1O8 (for some)	ESLAO8
	Level 3 (1 credit)	ESLCO8	ESLDO8
	Level 4/5 (2 credit) semestered	ESLDO8 & ESLEO8 (DEESL-semestered)	ESLCO8
	Level 5 (1 credit)	ESLEO8	ESLDO8
<b>MATHEMATICS</b>	University/College	MCF3M1	MFM2P1(85% average strongly recommended) Or MPM2D1
	University	MCR3U1	MPM2D1 (70% average strongly recommended )
	Gifted	MCR3U6	MPM2D6
	College	MBF3C1	MFM2P1/MPM2D1
	Workplace	MEL3E1	MFM2P1/MAT2L1
Functions and Applications			
Functions			
Foundations for College Math			
Mathematics For Work and Everyday Life			

**PART B: STUDENTS SHOULD SELECT ANY SIX OF THE FOLLOWING ELECTIVES**

Subject	Level	Code	Preparation
<b>ARTS</b>	University/College	ATC3M1 (\$5 fee)	ATC2O1 (recomm)
	University/College	ADA3M1	ADA1O1 or ADA2O1
	University/College	AMG3M1 \$15 fee \$10 if own instrument	AMG2O1
	University/College	AMI3M1	AMI2O1
	Gifted	AMI3M6	AMI2O6
	University/College	AMH3M1	Teacher recommendation
Music – Vocal	University/College	AMV3M1 (\$15 fee)	AMV2O1

(\* ) Description of course at the end of supplement

<b>Subject</b>	<b>Level</b>	<b>Code</b>	<b>Preparation</b>
<b>ARTS (con't)</b>			
Media Arts	University/College	ASM3M1 (\$20 fee)	ASM2O1 or another gr. 9 or 10 arts credit
Visual Arts	University/College	AVI3M1 (\$20 fee)	AVI1O1 &/or AVI2O1
Exploring and Creating Arts	Open	AEA3O1	none
<b>BUSINESS</b>			
Information & Communication Technology: The Digital Environment	Open	BTA3O1	None
Accounting Essentials	Workplace	BAI3E1	None
Financial Accounting Fundamentals	University/College	BAF3M1	None
Marketing: Goods, Services, Events	College	BMI3C1	None
<b>CANADIAN &amp; WORLD STUDIES</b>			
Natural Disasters: the Processes of Physical Geography	University/College	CGF3M1	CGC1D/P1
Geographics: The Geographer's Toolkit	Workplace	CGT3E1*	CGC1P1
Regional Geography, Travel & Tourism	Open	CGG3O1	CGC1D/P1
History of Africa and people of Africa and Descent	Open	CAS331	CHC2D/P1
Understanding Canadian Law	University/College	CLU3M1	CHC2D/P1
World History To The 16 <sup>th</sup> Century	University/College	CHW3M1	CHC2D/P1
Genocide: Historical and Contemporary Implications	University/College	CHG381	CHC2D/P1
<b>COMPUTER SCIENCE</b>			
Introduction to Computer Science	University	ICS3U1* ICS3UP * problem solving	ICS2O1 (recommended) ICS2OP
Introduction to Computer Programming	College	ICS3C1*	None
<b>ENGLISH</b>			
<b>Media Studies</b>	Open	EMS3O1	ENG2D/P1
<b>Canadian Literature</b>	University/College	ETC3M1	ENG2D/P1

(\* ) Description of course at the end of supplement

<b>Subject</b>	<b>Level</b>	<b>Code</b>	<b>Preparation</b>
<b>HEALTH &amp; PHYSICAL ED.</b> Individual & Small Grp. Activities (Racquet Sports)	Open (Co-ed)	PAI3O1 (\$75 fee)	None
Large Grp. Activities	Open (female) Open (male)	PAL3OF PAL3OM	None None
Personal & Fitness Activities (Weight Train.)	Open (female) Open (male)	PAF3OF (\$20) PAF3OM	None None
Other courses shown in gr 12 supplement			
<b>LANGUAGES</b> Spanish	University	LWSCU1	LWSBD1
French	University Gifted Beginners	FSF3U1 (\$12 fee) FSF3U6 “ “ FSF1P2	FSF2D1 FSF2D6 None
<b>SCIENCE</b> Biology	College University Gifted	SBI3C1 (\$3 fee) SBI3U1 (\$3 fee) SBI3U6 (\$3 fee)	SNC2P1 SNC2D1 SNC2D6
Chemistry	University Gifted	SCH3U1 SCH3U6	SNC2D1 SNC2D6
Physics	University Gifted	SPH3U1 SPH3U6	SNC2D1 SNC2D6
Environmental Science	University/College Workplace	SVN3M1* SVN3E1*	SNC2D/P SNCSP/L
<b>SOCIAL SCIENCES &amp; THE HUMANITIES</b> Fashion & Creative Expression	Open	HNC3O1	None
Parenting	Open	HPC3O1	None
World Religions: Beliefs, Issues & Religious Traditions	University/College	HRT3M1	CHC2D/P1 (recommended)
Introduction to Anthropology, Psychology & Sociology	University/College	HSP3M1	CHC2D/P1 (recommended)
Philosophy: The Big Questions	Open	HZB3O1	CHC2D/P1 (recommended)

(\*) Description of course at the end of supplement

<b>Subject</b>	<b>Level</b>	<b>Code</b>	<b>Preparation</b>
<b>TECHNOLOGY</b>			
Electronics – Computer Engineering Technology	University/College	TEL3M1*(\$10 fee)	TEJ2O1(recommended)
Computer Engineering Technology	University/College	TEJ3M1(\$10 fee)	TEJ2O1(recommended)
Technological Design (Robotics)	University/College	TDR3M1* (\$10 fee)	TDJ2O1(recommended)
Technological Design (Mechanical & Industrial Design)	University/College	TDM3M1*(no fee)	TDJ2O1(recommended)
Technological Design and the Environment	Open	TDJ3O1	none
Transportation Tech. (Vehicle Ownership)	Open	TTJ3O1	none
Transportation Technology (Auto Service)	College	TTA3C1	TTJ2O1 (recommended)

(\* ) **Description of course at the end of supplement**

<b>COOPERATIVE EDUCATION</b>	
COOP2 (2 Credit) COOP4 (4 Credit)	This program involves practical experience outside the classroom with an in-school component. You may participate in Cooperative Education through any subject area.
RCOOP2 (2 Credit – repeat)	Co-operative Education offers the following advantages:
RCOOP4 (4 Credit – repeat)	<ol style="list-style-type: none"> <li>1. assists you in making career decisions,</li> <li>2. helps you develop knowledge, skills and attitudes essential in today’s society,</li> <li>3. allows you first hand insights into the operation of various workplaces,</li> <li>4. allows you to gain work experience required for entrance into various post-secondary programs,</li> <li>5. offers experience to assist in obtaining part-time employment.</li> </ol>
	For further information, see Mr Monteith in the Co-op office

<b>TEACHING ASSISTANT PROGRAM</b>	
GPP3OP	<b>TEACHING ASSISTANTS</b> This course is designed for the student interested in pursuing a career in Teaching or a helping profession. Curriculum topics include: learning styles, multiple intelligence, communication skills, collaborative learning, conflict resolution, and lesson planning. Students will apply this new knowledge by assisting a classroom teacher at Woburn. <b>ADMISSION IS LIMITED.</b> For more information see Ms. Filoso or Mr. Vettese in Guidance.

<b>CANADIAN AND WORLD STUDIES</b>	
CGT3E1	This course focuses on giving students practical experiences with geotechnologies and related skills. Students will engage in image interpretation, desktop mapping, analysis using geographic information systems (GIS), use of the global positioning system (GPS), and data collection and management. Students will conduct fieldwork and explore applications and career opportunities in environmental, economic, and political contexts. Students will use a variety of communication tools and methods to present the results of their investigations.
CHG381	This course investigates examples of genocide in the twentieth and twenty-first centuries, including the Holocaust, Armenia, and Rwanda. Students will investigate the terms genocide, crimes against humanity, and war crimes. Students will examine identity formation, including an analysis of how bias, stereotypes, prejudice, and discrimination impact on various groups. Throughout the course, students will gain an understanding of the role of perpetrator, victim, bystander, rescuer, opportunist, and resister. Students will be challenged to draw appropriate connections between the history of genocide and Canadian history and between the lives of the people they are investigating and their own lives. Students will use critical thinking skills to look at the themes of judgment, memory, and legacy and will evaluate the ways in which active citizens may empower themselves to stop future genocides.

<b>TECHNOLOGICAL EDUCATION</b>	
TEL3M1 Computer Engineering Technology - Electronics	In addition to the TEJ3M1 course description in choices, students will be given the opportunity to develop and apply practical skills to assemble, test, repair, and maintain various digital and analog electronic systems.
TDM3M1 Technological Design – Mechanical& Industrial Design	In addition to the TDM3M1 course description in choices, students will apply computer-assisted design (CAD) and manufacturing (CAM) techniques to a variety of mechanical and industrial design problems.
TDR3M1 Technological Design – Robotics and Control System Design	In addition to the TDR3M1 course description in choices, students will use a variety of control systems, such as pneumatics, electronics, computers and programmable controllers to control the axis of robots through various handling problems.
TTA3C1 Transportation Technology – Auto Service	In addition to the TTA3C1 course description in choice, students will use safe work practices as they learn the theory related to the repair and adjustment of frames, suspension systems, brakes and automobile engines.

<b>Arts</b>	
AEA3O1	<b>Exploring and Creating Arts,</b> This course offers students the opportunity to explore connections between dance, drama, media arts, music, and/or visual arts. Students will use the creative process individually and/or collaboratively to produce integrated art works that draw on various disciplines, and they will critically analyze art works and determine how interpreting these works affects their own development. Students will develop responsible practices that are transferable beyond the classroom. They will explore solutions to integrated arts challenges and discover that art is everywhere, influencing and reflecting society.

<b>SCIENCE</b>	
SVN3M1	<p><b>Environmental Science</b></p> <p>This course will have an environmental focus and students will have opportunities to do in-depth research and investigations into the many important issues (both local and global) facing us today. Field work for ecosystem analysis and data collection will be an integral part of the course. Students will be encouraged to play an active role in raising environmental awareness at Woburn. Topics to be studied include Environmental Issues in Today's Society, Human Health and the Environment, Sustainable Agriculture and Forestry, Reducing and Managing Waste, and Conservation of Energy.</p> <p>Pre-requisite: grade 10 science (applied or academic)</p>
SVN3E1	<p><b>Environmental Science</b></p> <p>This course will have an environmental focus and students will look at many issues (both local and global) that face us today. Field work to gather ecosystem information will form an important part of the course. Topics to be studied include Human Impact on the Environment, Human Health and the Environment, Energy Conservation, Natural Resource Science and Management, and The Safe and Environmentally Responsible Workplace.</p> <p>Pre-requisite: grade 10 Essential</p>

<b>COMPUTER SCIENCE</b>	
ICS3C1	<p><b>Introduction to Computer Programming, Grade 11 College Preparation</b></p> <p>This course introduces students to computer programming concepts and practices. Students will write and test computer programs, using various problem-solving strategies. They will learn the fundamentals of program design and apply a software development life-cycle model to a software development project. Students will also learn about computer environments and systems, and explore environmental issues related to computers, safe computing practices, emerging technologies, and postsecondary opportunities in computer-related fields. This course will take a hands-on, project-based approach to computer programming and problem-solving.</p>
ICS3U1	<p><b>Introduction to Computer Programming, Grade 11 University Preparation</b></p> <p>This course introduces students to computer science. Students will design software independently and as part of a team, using industry-standard programming tools and apply the software development life-cycle model. They will also write and use subprograms within computer programs. Students will develop creative solutions for various types of problems as their understanding of the computer environment grows. They will also explore environmental and ergonomic issues, emerging research in computer science, and global career trends in the computer-related fields.</p>