

WATERLOO COLLEGIATE INSTITUTE

2010-2011 OSS COURSE LISTING (9-12)

- This is a listing of all courses offered at WCI for the 2010-2011 school year. For individual course descriptions, prerequisites and subject flow charts, consult the WRDSB Common Course Calendar (<http://www.wrdsb.on.ca/commoncoursecalendar.pdf>).
- RESEARCH AND CHOOSE YOUR COURSES CAREFULLY. Enrollment numbers determine course offerings. Course changes in September are not easily accommodated.
- STUDENTS ARE REQUIRED TO MAINTAIN A FULL TIME STATUS THROUGHOUT THE SCHOOL YEAR. THE NUMBER OF COURSES REQUIRED FOR EACH GRADE LEVEL IS AS FOLLOWS:

Grade 9 (0 credits earned to date) = minimum 8 credits

Grade 10 (8 credits earned to date) = minimum 8 credits

Grade 11 (16 credits earned to date) = minimum 7 credits

Grade 12 (23 credits earned to date) = minimum 6 credits

Grade 12+(25 or more credits earned) = minimum 5 credits (until April, 2010)

- There is no Ministry of Education requirement to fulfill diploma requirements in 4 years.
- A five-year plan may provide a broader and more effective approach to attain a student's educational goals.

Arts

Grade 9		Grade 11		Grade 12	
ADA10I	Dramatic Arts, O	ADA3MI	Dramatic Arts, U/C	ADA4MI	Dramatic Arts, U/C
AMI10I	Instrumental Music – Band, O	AMG3OI	Guitar Music, O	AMI4MI	Instrumental Music – Band, U/C
AMI10X	Instrumental Music – Band, O (Beginner)	AMI3MI	Instrumental Music – Band, U/C	AMR4MB	Music Repertoire-Band, U/C (Concurrent-AMI4MI) (0.5 credit)
AMS10I	Instrumental Music – Strings, O	AMR3MB	Music Repertoire-Band, U/C (Concurrent-AMI3MI) (0.5 credit)	AMR4MS	Music Repertoire-Strings, U/C (Concurrent-AMS4MI) (0.5 credit)
AMS10X	Instrumental Music – Strings, O (Beginner)	AMR3MS	Music Repertoire-Strings, U/C (Concurrent-AMS3MI) (0.5 credit)	AMS4MI	Instrumental Music – Strings, U/C
AMV10I	Music – Choral/Vocal, O	AMS3MI	Instrumental Music – Strings, U/C	AMV4MI	Music – Vocal/Choral, U/C
AVI10I	Visual Arts, O	AMV3MI	Music – Vocal/Choral, U/C	ASM4OI	Media Arts, O
	Grade 10	ASM3OI	Media Arts, O	AVI4MI	Visual Arts, U/C
ADA20I	Dramatic Arts, O	AVI3MI	Visual Arts, U/C	AWR4MI	Film/Video, U/C (Interview required)
AMI20I	Instrumental Music – Band, O	AVI3OI	Visual Arts, O		
AMS20I	Instrumental Music – Strings, O	AWQ3OI	Photography, O		
AMV20I	Music – Vocal/Choral, O				
AVI20I	Visual Arts, O				
AVI20X	Visual Arts, O (Beginner)				

Business Studies

A student may take a maximum of one BBI and a maximum of one BTT course for credit.

Grade 9		Grade 11		Grade 12	
BBI10I	Introduction to Business, O	BAF3MI	Financial Accounting Fundamentals, U/C	BAT4MI	Financial Accounting Principles, U/C
BTT10I	Information and Communication Technology in Business, O	BDI3CI	Entrepreneurship: The Venture, C	BBB4MI	International Business, U/C
	Grade 10	BMI3CI	Marketing: Goods, Services, Events, C	BOH4MI	Business Leadership, U/C
BBI20I	Introduction to Business, O	BTA3OI	Information and Communication Technology, O	BTX4CI	Information and Communication Technology, C
BTT20I	Information and Communication Technology in Business, O				

Canadian and World Studies

Grade 9		Grade 11		Grade 12	
CGC1PI	Geography of Canada, Applied	CGF3MI	Physical Geography: Patterns, Processes and Interactions, U/C	CGO4MI	Geomatics: Geotechnologies in Action, U/C
CGC1DI	Geography of Canada, Academic	CGG3OI	Regional Geography: Travel and Tourism, O	CGU4CI	World Geography: Urban Patterns and Interactions, C
CGC1DF	Geography of Canada, Academic (Extended French)	CGT3EI	Geographics: The Geographer's Toolkit,	CGU4UI	World Geography: Human Patterns and Interactions, U
	Grade 10	CHA3UI	American History, U	CGW4UI	Canadian and World Issues: A Geographic Analysis, U
CGL23I	Sustainable Living: Environment, Economics and Equity, O	CHW3MI	World History to the Sixteenth Century, U/C	CHI4UI	Canadian History, U
CHC2PI	Canadian History in the 20 th Century, Applied	CLU3MI	Understanding Canadian Law, U/C	CHM4EI	Adventures in World History, W
CHC2DI	Canadian History in the 20 th Century, Academic			CHY4UI	World History: The West and the World, U
CHC2DF	Canadian History in the 20 th Century, Academic (Extended French)			CIA4UI	Analyzing Current Economic Issues, U
CHV20H	Civics, O (0.5 credit)			CLN4UI	Canadian and International Law, U
CHV20F	Civics, O (Extended French) (0.5credit)			CPW4UI	Canadian and World Politics, U

FULL DISCLOSURE is a Ministry of Education requirement that all Grade 11 and 12 courses attempted and marks earned be recorded on the Ontario Student Transcript. In order for a course change not to appear on the transcript, the student must have all "course drop" or "change" paper work signed and returned to the counselling department before the deadline of five instructional days after the 1st report card in November.

LEGEND

O= Open C=College
W=Workplace U=University

Classical Studies and International Languages

LVLADI Latin, Level 1, Academic LVLBUI Latin, Level 2, U LVLGUI Latin, Level 3, U LVV4UI Classical Civilization, U	LWGBDI German, Level 2, Academic LWGCUI German, Level 3, U LWGDUI German, Level 4, U	LWSBDI Spanish, Level 2, Academic LWSCUI Spanish, Level 3, U LWSDUI Spanish, Level 4, U
---------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------

English

Grade 9		Grade 11		Grade 12	
ENG1PI English, Applied ENG1DI English, Academic ENG1DW English (Pre-AP)	ENG3CI English, C ENG3EI English, W ENG3UI English, U ENG3UW English, U (AP)	Grade 12		Grade 12	
ENG2PI English, Applied ENG2DI English, Academic ENG2DW English (Pre-AP)	ENG4CI English, C ENG4EI English, W ENG4UI English, U	Grade 12		Grade 12	

A student may take either ETS4UI or ETS4UY for credit.

A student may take either ETS4UI or ETS4UY for credit.

English Language Learners and English Literacy Development

Specialized ELL courses are designed to meet the needs of students who are enrolled in ELL programs in consultation with WCI ELL staff. Three ESL English courses may be used as compulsories.

Grade 9 ELL		Grade 9 ELL		Grade 10 ELL	
ELDAOI English Literacy Development Level 1, O ELDBOI English Literacy Development Level 2, O ELDCOI English Literacy Development Level 3, O ELDDOI English Literacy Development Level 4, O ELDEOI English Literacy Development Level 5, O ESLAOI Beginning Communication in English, Level 1, O ESLBOI English in Daily Life, Level 2, O ESLCOI English for School and Work, ESL Level 3, O ESLDOI Study Skills in English, Level 4, O ESLEOI Bridge to English, Level 5, O	AMI1OZ Instrumental Music, Band, O BTT1OZ Introduction to Information Technology in Business, O CGC1DZ Geography of Canada, Academic CGC1PZ Geography of Canada, Applied GLS1OZ Learning Strategies MPM1DZ Foundations of Mathematics, Academic MFM1PZ Foundations of Mathematics, Applied PPL1OZ Healthy Active Living Education, O (Female/Male) SNC1DZ Science, Academic SNC1PZ Science, Applied	Grade 10 ELL		Grade 10 ELL	
		Grade 11/12 ELL Options		Grade 11/12 ELL Options	
		Grade 11/12 ELL Options		Grade 11/12 ELL Options	

French As a Second Language

Grade 9		Grade 11		Grade 12	
FEF1DI Extended French, Academic FSF1DI Core French, Academic FSF1PI Core French, Applied FEF2DI Extended French, Academic FSF2DI Core French, Academic FSF2DW Core French, Academic (Pre-AP)	FEF3UI Extended French, U FSF3UI Core French, U FSF3UW Core French, U (Pre-AP)	Grade 12		Grade 12	
		Grade 12		Grade 12	

Guidance and Career Education and Coop

Grade 10		Grade 11		Grade 12		
GLC2OH Career Studies, O (0.5 credit) GLC2OF Career Studies, Extended French, O (0.5 credit)	GWL3OI Designing Your Future, O Required career planning and exploration course for Coop Education students only GWL3OO Coop Education students only (Out of school coop code) GWL3OC Coop Education students only (Workplace coop earned – 2 credit course)	Grade 12		Grade 12		
Grade 11		Grade 12		Grade 12		
GPP3OX Leadership and Peer Support, O GPP3OY Leadership (Student Council), O	Grade 12		Grade 12		Grade 12	
		Grade 12		Grade 12		

Coop education is available to senior students. Placements are available in a wide range of fields related to current and future areas of study. See Mr. Cloutier or your counsellor for applications and information.
Students selecting coop, should include GWL3OI, GWL3OO and GWL3OC on their course selection sheets plus 2, 3 or 4 non-coop codes.

“W” at the end of a course code denotes a **Pre-AP or AP** course. Enrolment in **Pre-AP** and **AP** courses for enrichment requires subject teacher/department recommendation in addition to an application. (**Note: AP Science content is split between Gr 11 and Gr 12**) See AP booklet for information and costs.

Health and Physical Education

Grade 9	Grade 10	Grade 11
PPL10X Healthy Active Living Education, O (Female) *Highly Recommended	PPL20X Healthy Active Living Education, O (Female)	PPZ30X Health for Life, O, Live Fit (Female)
PPL10Y Healthy Active Living Education, O (Male) *Highly Recommended	PPL20Y Healthy Active Living Education, O (Male)	PPZ30Y Health for Life, O, Power Fit (Male)
Grade 10	Grade 11	Grade 12
PAF20X Healthy Active Living Education Personal and Fitness Activities, O (Female)	PPL30X Healthy Active Living Education, O (Female)	PPL40I Healthy Active Living Education, O Recreation and Fitness Leadership, C
PAF20Y Healthy Active Living Education, Personal and Fitness Activities, Fitness Oriented Course, O (Male)	PPL30Y Healthy Active Living Education, O (Male)	PSE4UI Exercise Science, U

Interdisciplinary Studies

IDC4UI Interdisciplinary Studies Yearbook II Grade 12, U	IDC4OY Interdisciplinary Studies, Student Council Leadership Gr 12, O	IDC4OX Interdisciplinary Studies, Sports and Entertainment Marketing
-------------------------------------------------------------	--------------------------------------------------------------------------	-------------------------------------------------------------------------

Mathematics

Grade 9	Grade 11	Grade 12
MFM1PI Foundations of Mathematics, Applied	MBF3CI Foundations for College, C	MCT4CI Mathematics for College Technology, C
MPM1DI Principles of Mathematics, Academic	MCF3MI Functions and Applications, U/C (recommend MPM2DI 60%+)	MDM4UI Mathematics of Data Management, U
MPM1DW Principles of Mathematics, Academic (Pre-AP)	MCR3UI Functions, U (recommend MPM2DI 70%+)	MDM4UX Mathematics of Data Management, U (Science/Astronomy Focus)
Grade 10	Grade 12	MEL4EI Mathematics for Work and Everyday Life, W
MFM2PI Foundations of Mathematics, Applied	MCR3UW Functions, University (Pre-AP)	MEL4EI Mathematics for Work and Everyday Life, W
MPM2DI Principles of Mathematics, Academic (recommend MPM1DI 70%+)	MEL3EI Mathematics for Work and Everyday Life, W	MCV4UI Calculus and Vectors, U (prerequisite MHF4UI or concurrent with MHF4UI)
MPM2DW Principles of Mathematics, Academic (Pre-AP)	MAP4CI Foundations for College, C	MCV4UW Calculus and Vectors, U (AP) (concurrent with MHF4UW)
	MHF4UI Advanced Functions, U	MHF4UW Advanced Functions, U (AP) (concurrent with MCV4UW)

Native Studies

NDA3MI Current Aboriginal Issues in Canada Gr 11, U/C	NDW4MI Issues of Indigenous Peoples in a Global Context, Gr 12, U/C
----------------------------------------------------------	------------------------------------------------------------------------

Science

Grade 9	Grade 11	Grade 12
SNC1DI Science, Academic	SBI3CI Biology, C	SBI4UI Biology, U
SNC1DW Science, Academic (Pre-AP)	SBI3UI Biology, U	SBI4UW Biology, U (AP)
SNC1PI Science, Applied	SBI3UW Biology, U (AP)	*SCH4CI Chemistry, C
	SCH3UI Chemistry, U	SCH4UI Chemistry, U
Grade 10	SCH3UW Chemistry, U (AP)	SCH4UW Chemistry, U (AP)
SNC2DI Science, Academic	SVN3EI Environmental Science, W	SES4UI Earth and Space Science, U
SNC2DW Science, Academic (Pre-AP)	SVN3MI Environmental Science, U/C	*SPH4CI Physics, C
SNC2PI Science, Applied	SPH3UI Physics, U	SPH4UI Physics, U
	SPH3UW Physics, U (AP)	SPH4UW Physics, U (AP)
		SNC4MI Science, U/C

**SCH4C + SPH4C can be taken in either Gr 11 or 12.*

Social Sciences and Humanities

A student may take either HFN10I or HFN20I for credit.

Grade 9	Grade 11	Grade 12
HFN10I Food and Nutrition, O	HNC3OI Fashion and Creative Expression, O	HFA4MI Food and Nutrition Sciences, U/C
	HPC3OI Parenting, O	HHS4MI Individuals and Families in a Diverse Society, U/C
Grade 10	HPW3CI Living and Working with Children, C	HNB4OI The Fashion Industry, O
HFN20I Food and Nutrition, O	HRT3MI World Religions: Beliefs, Issues and Religious Traditions, U/C	HZT4UI Philosophy: Questions and Theories, U
HIF20I Individual and Family Living, O		

Special Education- Principal Recommendation

Learning Strategy Courses (GLE) are available in Grades 9,10,11 and 12 for identified students.

E-Learning: is a program delivery model that provides an opportunity for students to work independently to earn credits on-line. Students must seek approval through their Counsellor.

Technological Education

<u>Exploring Technology</u> Grade 9	<u>Manufacturing Technology</u> Grade 10	<u>Technological Design</u> Grade 12
TIJ1OI Exploring Technologies, O	TMJ2OI Manufacturing Technology, O	TDA4MX Technological Design: Architecture U/C
<u>Communications Technology</u> Grade 10	<u>Grade 11</u>	<u>Technological Design</u> Grade 10
TGJ2OI Communications Technology, O	TMC3CI Manufacturing Technology: Computer Aided Manufacturing, C	TDM4MX Technological Design: Mechanical and Industrial Design, U/C
<u>Grade 11</u>	<u>Grade 12</u>	<u>Transportation Technology</u> Grade 10
TGG3MI Communications Technology: Print and Graphics Communication, U/C	TMP3CI Manufacturing Technology: Precision Machining, C	TDV4MX Technological Design: Interior Design, U/C
TGI3MI Communications Technology: Interactive New Media and Animation, U/C	TMY3CI Manufacturing Technology: Welding Technician, C	<u>Grade 11</u>
<u>Grade 12</u>	<u>Grade 12</u>	TTJ2OI Transportation Technology, O
TGG4MX Communication Technology: Print and Graphic Communications, U/C	TMC4CX Manufacturing Technology: Computer Aided Manufacturing, C	TTA3CI Transportation Technology: Auto Service, C
TGI4MX Communication Technology: Interactive New Media and Animation, U/C	TMP4CX Manufacturing Technology: Precision Machining, C	TTS3CI Transportation Technology: Small Engine and Recreational Equipment, C
TGV4MX Communication Technology: TV, Video and Movie Production, School TV Station, U/C (Interview Required)	TMY4CX Manufacturing Technology: Welding Technician, C	<u>Grade 12</u>
<u>Construction Technology</u> Grade 10	<u>Technological Design</u> Grade 10	TTA4CX Transportation Technology: Auto Service, C
TCJ2OI Construction Technology, O	TDJ2OI Technological Design, O	TTS4CX Transportation Technology: Small Engine and Recreational Equipment, C
<u>Grade 11</u>	<u>Grade 11</u>	
TCC3EI Construction Technology: Carpentry, W	TDA3MI Technological Design: Architectural Design, U/C	
TWJ3EI Custom Woodworking: Furniture, W	TDM3MI Technological Design: Mechanical and Industrial Design, U/C	
<u>Grade 12</u>	<u>Grade 12</u>	
TCC4EX Construction Technology: Carpentry, W	TDV3MI Technological Design: Interior Design, U/C	
TWJ4EI Construction Technology: Furniture, W		

Computer Technological/Business Education Studies

<u>Grade 10</u>	<u>Grade 11</u>	<u>Grade 12</u>
ICS2OI Introduction to Computer Technology Studies, O	ICS3UI Introduction to Computer Science, U, recommend ICS2OI	ICS4UI Computer Science, U
TEJ2OI Computer Technology, O	TEC3EI Computer Technology: Computer Repair, U/C	TEC4EI Computer Technology: Computer Repair, U/C
	TEN3MI Computer Engineering: Networking U/C (Cisco Part 1)	TEJ4MI Computer Engineering: Network Security, U/C
	TEW3EI Computer Technology: Network Support, U/C (Cisco Part 2)	TEN4MI Computer Engineering: Network Support, U/C (Cisco Part 1)
		TEW4EI Computer Technology: Network Security, U/C (Cisco Part 2)

DUAL CREDITS: A dual credit is an identified secondary school credit course that has been aligned with the content of a specific college credit course. Students who successfully complete the identified secondary school credit course will earn, concurrently, the aligned college course credit. The WCI credit courses that are potential dual credits with **Conestoga College** are: **BAT4MI / TDA4MX / TDM4MX/ TMP4CX**. The WCI credit course aligned with **University of Waterloo** is: **SES4UI**

Course Fees

All basic materials essential for the completion of a program are made available by the school at no cost to the students. Fees for course enhancements are estimates and may change. Final amounts will be determined and communicated by September. Students/families requiring financial assistance should contact any staff member. The staff member will ensure that the student's issue is dealt with in an appropriate, sensitive and confidential manner.