


TECHNOLOGY		
GRADE 10	GRADE 11	GRADE 12
TCJ2OB (Construction, Fast Forward) TCJ2OI (Construction, Open)	TCJ3EB (Construction Technology, Fast Forward) TCJ3CI (Construction Technology, College)	TCJ4EB (Construction Technology, Fast Forward) requires TCJ3EB TCJ4CI (Construction Technology, College) requires TCJ3CI
TDJ2OI (Technological Design, Open)	TDJ3MI (Technological Design, U/C)	TDJ4MI (Technological Design, U/C) requires TDJ3MI
TEJ2OI (Computer Technology, Open)	TEJ3MI (Computer Engineering Technology, U/C)	TEJ4MI (Computer Engineering Technology, U/C) requires TEJ3MI
TGJ2OI (Communications Technology & Design, Open)	TGJ3OI (Communications Technology: Broadcast & Print Production, Open)	TFJ4EB (Hospitality & Tourism, Fast Forward) requires TFJ3EB TFJ4CI (Hospitality & Tourism, College) requires TFJ3CI
TMJ2OI (Manufacturing Technology, Open)	ASM3OI (Media Arts, Open) NOT a technology credit—scheduled with TGJ3OI	TGJ4MI (Communications Technology, U/C) requires TGJ3MI
TPJ2OI (Health Care, Open)	TGJ3MI (Communications Technology, U/C)	TMJ4EB (Manufacturing Technology, Fast Forward) requires TMJ3EB TMJ4CI (Manufacturing Technology, College) requires TMJ3CI
TTJ2OB (Transportation Technology, Fast Forward)	TMJ3EB (Manufacturing Technology, Fast Forward) TMJ3CI (Manufacturing Technology, College)	TMW4EB (Welding, Fast Forward) requires TMW3EB TMW4EX (Welding, Workplace) requires TMW3EX
TTJ2OI (Transportation Technology, Open)	TMW3EB (Welding, Fast Forward) TMW3EX (Welding, Workplace) TPJ3CI (Health Care, College)	TTJ4CI (Transportation Technology, College) requires TCJ3CI TTA4CB (Auto Service, Fast Forward) requires TTA3CB TTA4CX (Auto Service, College) requires TTA3CB TTS4CB (Small Engines, Fast Forward) requires TTS3CB TTS4CX (Small Engines, College) requires TTS3CB



SIR JOHN A. MACDONALD SECONDARY SCHOOL

GRADE 10-12 COURSE OFFERINGS

2016-2017

- This booklet provides a listing of all grade 10-12 courses offered at SJAM for the 2016-2017 school year. Please refer to the WRDSB Common Course Calendar and/or SJAM website (<http://jam.wrdsb.ca>) for more detailed information.
- Students are required to maintain FULL TIME status throughout the school year (min. 3 courses/semester). Grade 9 and 10 students must choose 8 courses for school year (4/semester).
- Research and choose your courses carefully. Course changes at the start of each semester are not easily accommodated. You are recommended to consult your guidance counsellor, parents and teachers when making course selections and long-term decisions.
- Please note—U/C refers to University/College level courses; course codes ending in “W” are pre-AP or AP level and require an online application.

ARTS		
GRADE 10	GRADE 11	GRADE 12
ATC2OI (Dance, Open) ADA2OI (Drama, Open) ADA 2OX (Drama, No Experience)	ATC3MI (Dance, U/C) requires ATC1OI or ATC2OI ADA3MI (Drama, U/C) requires ADA1OI or ADA2OI AMI3MI (Instrumental Music, U/C) requires AMI2OI or AMI1OI & private training AMR3MI (Instrumental Repertoire, U/C) for SHSM students in band or choir AMV3MI (Vocal Music, U/C) requires AMV2OI or AMV1OI & private training AMG3OI (Guitar, Open)	AEA4OB (Exploring the Arts, Fast Forward) requires AV10OB, AVI2OX or AMG2OB AEA4OI (Exploring the Arts) requires any grade 9 or 10 Arts course ADA4MI (Drama (U/C) requires ADA3MI AMI4MI (Instrumental Music, U/C) requires AMI3MI AMH4MI (Instrumental Jazz, U/C) requires AMI3MI AMR4MI (Instrumental Repertoire, U/C) requires AMR3MI, AMI3MI or AMV3MI AMV4MI (Vocal Music, U/C) requires AMV3MI AMT4MI (Musical Theatre, U/C) requires AMV3MI AVI4MI (Visual Art, U/C) requires AVI4MI
AMI2OI (Instrumental Music, Open) requires AMI1OI/AMI1OX or private training AMV2OI (Vocal Music, Open) requires AMV1OI or private training AMG2OB (Guitar, Fast Forward) AVI2OI (Visual Art, Open) AVI2OX (Visual Art, No Experience)	AMV3MI (Vocal Music, U/C) requires AMV2OI or AMV1OI & private training AMG3OI (Guitar, Open) AVI3MI (Visual Art, U/C) requires AVI1OI or AVI2OI AWM3OI (Drawing & Painting, Open) AWQ3OI (Photography, Open) ASM3OI (Media Arts, Open)	

OSSD GRADUATION REQUIREMENTS

18 COMPULSORY CREDITS:

- 4 credits in English (1 credit per grade)*
- 3 credits in mathematics (1 credit in Grade 11 or 12)
- 2 credits in science
- 1 credit in Canadian history
- 1 credit in Canadian geography
- 1 credit in the arts
- 1 credit in health and physical education
- 1 credit in French as a second language
- 0.5 credit in career studies
- 0.5 credit in civics

One credit from each of the following groups:

Group 1:

- English or French as a second language**
- a Native language
- a classical or an international language
- social sciences and the humanities
- Canadian and world studies
- guidance and career education
- cooperative education***

Group 2:

- health and physical education
- the arts
- business studies
- French as a second language**
- cooperative education***

Group 3:

- science (Grade 11 or 12)
- technological education
- French as a second language**
- computer studies
- cooperative education***

In addition to the compulsory credits, students must complete:

- 12 elective credits†
- 40 hours of community service
- the provincial literacy requirement (OSSLT or OLC course)

* A maximum of 3 credits in English as a second language (ESL) or English literacy development (ELD) may be counted towards the 4 compulsory credits in English, but the fourth must be a credit earned for a Grade 12 compulsory English course.

** In groups 1, 2, and 3, a maximum of 2 credits in French as a second language can count as compulsory credits, one from group 1 and one from either group 2 or group 3.

***A maximum of 2 credits in cooperative education can count as compulsory credits.

† The 12 optional credits may include up to 4 credits earned through approved dual credit courses.

WHAT IS CO-OP?

Co-operative Education provides students with “real world” experiential work placements. It can help to confirm career choices prior to entering the workplace or selecting a post-secondary program. Co-operative Education courses can be taken in all subject disciplines and at all levels.

Note:

- Students can take co-op in both grade 11 and 12.
- All students who have requested Co-operative Education during course selection will go through an application, interview and selection process.
- A minimum of 2 Credits of Co-op are required for completion of a SHSM

SPECIAL PROGRAMS

ADVANCED PLACEMENT (Pre-AP)

The Pre-AP and AP courses are a powerful opportunity to help students acquire the knowledge, concepts, and skills needed to engage in a higher level of learning. Pre-AP/AP extends the current curriculum and enriches specific learning outcomes. Enrolling in Pre-AP courses prepares students for success in senior Advanced Placement (AP) courses. Evaluation is based on the regular academic/university level Ontario curriculum.

Students wishing to take Pre-AP/AP courses need to select the regular Academic/University level course in My Way and complete an online application (available on the SJAM website). Students will then have their academic history reviewed for approval by the Selection Committee for each Pre-AP/AP course selected and students will be placed in the appropriate courses following this process. Please visit the SJAM website for further information.

SPECIALIST HIGH SKILLS MAJOR

The Specialist High Skills Major (SHSM) program allows students to explore their interest in Music and/or Visual Art, or Business through expanded course offerings and experiences. SHSM's are recognized by Universities and Colleges throughout Ontario.

Students choose a set of grade 11 & 12 courses, earn certifications and specialized training, and take part in experiential learning activities in Music and/or Visual Art or Business. It also includes Co-op and other career-related experiences in the Arts or in Business which will assist them in post-secondary and career planning.

For more information and specific course selection options for the SHSM please see teachers from the Music, Visual Art or Business Departments or refer to the SHSM brochures. More information is also available on the SJAM website and in the Guidance Department.

BUSINESS		
GRADE 10	GRADE 11	GRADE 12
BBI2OI (Introduction to Business, Open) also offered as BBI1OI in gr. 9 BTT2OI (Information and Communication Technology in Business, Open) also offered as BTT1OI in gr. 9	BAF3MI (Accounting Fundamentals, U/C) BTA3OI (Information & Communication Technology, Open) BMX3EB (Retail & Service, Fast Forward) BMI3CI (Goods, Services & Events, College) BDI3CI (Entrepreneurship, College)	BAT4MI (Financial Accounting Principals, U/C) requires BAT3MI BBB4MI (International Business Fundamentals, U/C) requires any U/M/C course in Business, Geography, History, English or Social Sciences/Humanities BOH4MI (Business Leadership Management, U/C) requires any U/M/C course in Business, Geography, History, English or Social Sciences/Humanities
CANADIAN & WORLD STUDIES		
GRADE 10	GRADE 11	GRADE 12
GEOGRAPHY		
	CGD3MI (Outreach-Regional Studies, U/C) requires CGC1DI or CGC1PI CGF3MI (Forces of Change-Physical)	CGW4UI (World Issues-A Geographic Analysis, U/C) requires any grade 11 U/M/C course in Geography, History, English or Social Sciences/Humanities
HISTORY		
CHC2DI (Canadian History in the 20th Century, Academic) CHC2PB (Canadian History in the 20th Century, Fast Forward) CHC2PI (Canadian History in the 20th Century, Applied) CHV2OB (Civics & Citizenship, Fast Forward—.5 Credit) CHV2OH (Civics & Citizenship, Open—.5 Credit)	CHG33I (Genocide and Crimes Against Humanity, University) requires CHC2DI or 2PI Note—locally developed course that does not count as Group 1 credit CHW3MI (World History to End of the 15th Century, U/C) requires CHC2DI or 2PI CLU3MI (Canadian Law, U/C) requires CHC2DI or 2PI	CHY4UI (World History Since the 15th Century, University) requires any grade 11 U/M/C course in Geography, History, English or Social Sciences/Humanities CIA4UI (Analysing Current Economic Issues, University) requires any grade 11 U/M/C course in Geography, History, English or Social Sciences/Humanities CLN4UI (Canadian and International Law, University) requires any grade 11 U/M/C course in Geography, History, English or Social Sciences/Humanities

COMPUTER STUDIES		
GRADE 10	GRADE 11	GRADE 12
ICS2OI (Introduction to Computer Studies, Open)	ICS3UI (Introduction to Computer Science, University) - Academic Math strongly recommended	ICS4UI (Computer Science, University) requires ICS3UI
CO-OPERATIVE EDUCATION		
GRADE 10	GRADE 11	GRADE 12
GLD2OO & GLD2OB (Discovering the Workplace & Co-operative Education, Fast Forward) - 2 credit package	COOP02 (Co-operative Education, 2 credits) COOP03 (Co-operative Education, 3 credits) COOP04 (Co-operative Education, 4 credits)	COOP02 (Co-operative Education, 2 credits) COOP03 (Co-operative Education, 3 credits) COOP04 (Co-operative Education, 4 credits)
ENGLISH		
GRADE 10	GRADE 11	GRADE 12
ENG2DI (English, Academic) requires END1DI or 1PI ENG2DW (Pre-AP English) requires application & ENG1DI or 1DW ENG2PI (English, Applied) requires ENG1DI or 1PI ENG2LB (English, Fast Forward) requires ENG1LB	ENG3UI (English, University) requires ENG2DI or 2DW ENG3UW (Pre-AP English) requires application & ENG2DI or 2DW ENG3CI (English, College) requires ENG2DI or 2PI EPS3OI (Presentation and Speaking Skills, Open) requires ENG2DI or 2PI OLC4OB (Literacy Course, Open—intended for grade 11 Fast Forward students)	ENG4UI (English, University) requires ENG3UI ENG4UW (AP English) requires application & ENG3UI or ENG3UW EWC4UI (Writer's Craft) requires ENG3UI or 3UW ENG4CI (English, College) requires ENG3CI ENG4EB (English, Fast Forward) requires OLC3OB or ENG3EB OLC4OB (Literacy Course, Open—intended for students who have been unsuccessful on the Literacy Test)
GUIDANCE & CAREER EDUCATION		
GRADE 10	GRADE 11	GRADE 12
GLC2OB (Career Studies, Fast Forward—.5 Credit) GLC2OH (Career Studies, Open—.5 Credit)	GPP3OI (Leadership and Peer Support, Open—application required)	
HEALTH & PHYSICAL EDUCATION		
GRADE 10	GRADE 11	GRADE 12
PAF2OX (Live-Fit, Open—female) PAF2OY (Power-Fit, Open—male) PPL2OX (Healthy Active Living, Open—female) PPL2OY (Healthy Active Living, Open—male)	IDC3OA (Athletic Leadership, Open—does not count as physical education credit) PAF3OX (Live-Fit, Open—female) PAF3OY (Power-Fit, Open—male) PAL3OS (Healthy Active Living—Rugby, Open—co-ed) PPL3OX (Healthy Active Living, Open—female) PPL3OY (Healthy Active Living, Open—male)	PAF4OX (Live-Fit, Open—female) PAF4OY (Power-Fit, Open—male) PLF4MI (Athletic Leadership, U/C—co-ed) requires ENG3UI or IDC3OA PPL4OI (Healthy Active Living, Open—co-ed) PSK4UI (Introductory Kinesiology, University) requires grade 11 or 12 phys-ed or grade 11 U level science
INTERDISCIPLINARY STUDIES		
GRADE 10	GRADE 11	GRADE 12
	IDC3OA (Interdisciplinary Studies—Athletic Leadership, Open) IDC3OY (Interdisciplinary Studies—Yearbook, Open) IDC3OX (Interdisciplinary Studies—Student Council/Confed Leadership, Open—application required)	IDC4OX (Interdisciplinary Studies—Student Council/Confed Leadership, Open) requires IDC3OX or IDC4UI IDC4UI (Interdisciplinary Studies—Student Council/Confed Leadership, University) requires IDC3OX or IDC4OX IDC4UY (Interdisciplinary Studies—Yearbook, University) requires ENG3UI
NOTE—students cannot take 2 IDC credits at the same grade/level (ex. IDC4UI and IDC4UY). Please speak to your guidance counsellor prior to choosing more than one IDC credit. IDC credits do not count as Group 1 credits for your OSSD requirements.		

LANGUAGES		
GRADE 10	GRADE 11	GRADE 12
FRENCH		
FSF2DI (French, Academic) requires FSF1DI FSF2DX (French, Academic Enriched) requires FSF1DX	FSF3UI (French, University) requires FSF2DI FSF3UX (French, University Enriched) requires FSF2DX	FSF4UI (French, University) requires FSF3UI FSF4UX (French, University Enriched) requires FSF3UX
SPANISH		
LWSBDI (Spanish, Academic)	LWSCUI (Spanish, University) requires LWSBDI	LWSDUI (Spanish, University) requires LWSCUI
MATHEMATICS		
GRADE 10	GRADE 11	GRADE 12
MAT2LB (Mathematics, Fast Forward) requires MAT1LB or MFM1PI MFM2PI (Mathematics, Applied) requires MFM1PI or MPM1DI MPM2DI (Mathematics, Academic) requires MPM1DI or MPM1DW with min. of 70% recommended MPM2DW (Pre-AP Mathematics) requires application & MPM1DI or MPM1DW with min. of 80% recommended	MEL3EB (Mathematics for Work and Everyday Life, Fast Forward) requires MAT2LB, MFM2PI or MPM2DI MBF3CI (Foundations for College Mathematics, College) requires MPM2DI or MFM2PI—min. 60% in MFM2PI recommended MCF3MI (Functions & Applications, U/C) recommended for students who earned min. 85% in MFM2PI or less than 75% in MPM2DI MCR3UI (Functions, University) requires MPM2DI or MPM2DW with min. 75% recommended MCR3UW (Pre-AP Functions) requires application & MPM2DI or MPM2DW with min. 80% recommended	MAP4CI (Foundations for College Mathematics, College) requires MBF3CI, MCF3MI or MCR3UI, with min. of 70% in MBF3CI recommended MDM4UI (Mathematics of Data Management, University) requires MCF3MI with min. 70% recommended, or MCR3UI/3UW MCV4UI (Calculus & Vectors, University) requires MHF4UI/4UW with min. 70% recommended MCV4UW (AP Calculus & Vectors) requires application & MHF4UI (MHF4UW strongly recommended) MHF4UI (Advanced Functions, University) requires MCR3UI/3UW with min. 70% recommended MHF4UW (Pre-AP Advanced Functions) requires application & 80% min. in MCR3UI or MCR3UW
SCIENCE		
GRADE 10	GRADE 11	GRADE 12
SNC2DI (Science, Academic) requires SNC1DI, SNC1DW or SNC1PI SNC2DW (Pre-AP Science) requires application & SNC1DI/1DW SNC2LB (Science, Fast Forward) requires SNC1LB SNC2PI (Science, Applied) requires SNC1PI or SNC1DI	SBI3CI (Biology, College) requires SNC2PI, SNC2DI or SNC2DW SBI3UI (Biology, University) requires SNC2DI/2DW SBI3UW (Pre-AP Biology) requires application & SNC2DI/2DW SCH3UI (Chemistry, University) requires SNC2DI/2DW SCH3UW (Pre-AP Chemistry) requires application & SNC2DI/2DW SPH3UI (Physics, University) requires SNC2DI/2DW SPH3UW (Pre-AP Physics) requires application & SNC2DI/2DW	SBI4UI (Biology, University) requires SBI3UI/3UW SBI4UW (AP Biology) requires application & SBI3UI/3UW SCH4CI (Chemistry, College) requires SNC2DI/2PI SCH4UI (Chemistry, University) requires SCH3UI/3UW SCH4UW (AP Chemistry) requires application & SCH3UI/3UW SES4UI (Earth & Space Science, University) requires SNC2DI—dual credit with U of W Science SPH4UI (Physics, University) requires SPH3UI/3UW SPH4UW (AP Physics) requires application & SPH3UI/3UW
SOCIAL SCIENCES & HUMANITIES		
GRADE 10	GRADE 11	GRADE 12
FAMILY STUDIES		
HFN2OB (Food & Nutrition, Fast Forward) HFN2OI (Food & Nutrition, Open)	HLS3OB (Housing & Home Design, Fast Forward) HLS3OI (Housing & Home Design, Open) HNC3CI (Understanding Fashion, College) HPC3OB (Raising Healthy Children, Fast Forward) HPC3OI (Raising Healthy Children, Open) TFJ3EB (Hospitality & Tourism, Fast Forward) TFJ3CI (Hospitality & Tourism, College)	HNB4MI* (World of Fashion, U/C) HFA4UI* (Nutrition & Health, University) HHS4UI* (Sociology: Families in Canada, University) * NOTE—above courses require any grade 11 U/M/C course in Geography, History, English or Social Sciences/Humanities TFJ4EB (Hospitality & Tourism, Fast Forward) requires TFJ3EB—tech credit, not social science TFJ4CI (Hospitality & Tourism, College) requires TFJ3CI
HISTORY		
	HSP3CI (Introduction to Anthropology, Psychology and Sociology, College) HSP3UI (Introduction to Anthropology, Psychology and Sociology, University) requires CHC2DI or ENG2DI	HSB4UI* (Challenge & Change in Society, University) HZT4UI* (Philosophy, University) * NOTE—above courses require any grade 11 U/M/C course in Geography, History, English or Social Sciences/Humanities