

## Course Descriptions continued

**Physical Science 20:** Topics covered—Concepts related to heating & cooling, quantitative analysis of molecules & chemical reactions.

**Biology 30:** Topics covered—Chemical basis of life, cell structure and function, genetics and animal (human) systems.

**English 20:** A variety of learning strategies will be used with an emphasis on the writing process. You will participate in discussion groups, panel presentations and oral readings. There will be two novel studies.

**Health Science 20:** Topics covered—Medical knowledge systems & ethics, human anatomy & physiology, nutrition & metabolism, & medical diagnostics.

**History 30:** Topics covered—Overview of Canadian history, Aboriginal worldview, Confederation, the Northwest Rebellions, Canada's wartime roles, Canadian unity, Canada's changing international relationships, constitutional issues and political development. Students will also be expected to follow current events.

**Physics 30:** Topics covered—Introduction to Physics, mechanics, electricity and magnetism, and nuclear energy.

**Pre-Calculus 30:** Topics covered—The unit circle, trigonometric functions, trigonometric equations and identities, logarithmic and exponential functions and equations, counting principles, transformations and composition of functions, radical functions, rational function and polynomial functions.

## Registration

TUITION	
Math 09	\$270.00
All other courses	\$350.00

Registrations will be taken  
BY MAIL, FAX OR IN PERSON through the

**Central Resource Centre  
SASKATOON PUBLIC SCHOOLS**  
310 – 21st Street East; 3rd Floor  
Saskatoon SK S7K 1M7

**PHONE:** 683-8236 or 683-8237  
**FAX:** 657-3966

### Hours for In-Person Registration:

April 10/17–June 30/17  
Monday–Friday  
8:30a.m.–4:30p.m.  
(closed over the noon hour)

### Download Registration forms at:

[www.spsd.sk.ca/Schools/highschoolprograms/summerschool/Pages/default.aspx](http://www.spsd.sk.ca/Schools/highschoolprograms/summerschool/Pages/default.aspx)

### PAYMENT:

Cash, Debit, Visa or MasterCard  
NO CHEQUES or AMERICAN EXPRESS



**Saskatoon Public Schools**  
Inspiring Learning



Enrollment is limited, please register  
early to secure your place.

REGISTRATION DEADLINE:

June 30, 2017

# Summer School 2017

LOCATION Marion Graham Collegiate  
602 Lenore Drive Saskatoon SK

[saskatoonpublicschools.ca](http://saskatoonpublicschools.ca)

## Morning Courses

July 4 to July 31, 2017

Monday–Thursday 9a.m.–12:30p.m.

Fridays 9a.m.–11:30a.m.

Course #	Morning Course	Prerequisite
001	Math 09 NOTE: This class is offered from 9:00 a.m. to 11:30 a.m., Monday to Friday from July 4 to July 31	Math 09 NOTE: Only for students under 18 years of age who have either failed Math 09 previously or wish to upgrade their standing
002	English LA A30	English LA 20
003	English LA B30	English LA 20
004	English LA A10	English 09
005	English LA B10	English 09
006	Foundations & Pre-Calculus Math 10	Math 09
007	Foundations of Math 20	Foundations & Pre-Calculus Math 10
008	Pre-Calculus 20	Foundations & Pre-Calculus Math 10
009	Foundations of Math 30	Foundations of Math 20 or Math A30
010	Chemistry 30	Chemistry 20 or Physical Science 20
011	Physical Science 20	Science 10

## Online Courses

July 4 to July 31, 2017

Course #	Online Course	Prerequisite
012	English LA A30	English LA 20
013	English LA B30	English LA 20

## Evening Courses

July 4 to July 31, 2017

Monday–Thursday 6p.m.–9:40p.m.

Course #	Evening Course	Prerequisite
014	Biology 30	Biology 20 or Environmental Science 20 or Health Science 20
015	Chemistry 30	Chemistry 20 or Physical Science 20
016	English LA 20	English LA 10
017	English LA A30	English LA 20
018	English LA B30	English LA 20
019	Health Science 20	Science 10
020	History 30	none
021	Foundations of Math 30	Foundations of Math 20 or Math A30
022	Physics 30	Physical Science 20
023	Pre-Calculus 30	Pre-Calculus 20 or Math B30

- High School students under age 18 require the prerequisite course. It is up to students to ensure they have all prerequisites.
- Adult students, (i.e. Age 18 and out of school for a year or age 19 and older) cannot take grade 10 or 11 courses unless it is a Science 20 or Math 20 course that is required as the final credit to complete the Adult 12 program.
- Students are expected to attend all classes.
- Online students must have the use of a computer with internet access.
- Online students are strongly encouraged to attend a weekly tutorial either on Wednesday evening or Thursday morning, as well as be prepared to write an in-person final exam.
- Textbooks are loaned for free to students taking in-person courses for the duration of the course. Online students must pay for their textbooks and will receive a full refund when the textbook is returned.

## Course Descriptions

**Math 09:** Is an upgrading class for students under 18 years old who either failed or wish to upgrade their standing. Students must provide proof of prior standing or credit cannot be granted.

**English LA A30:** ELA A30 is an integrated course (literature and composition combined, with much of the composition based on the literature being studied). All the literature studied is Canadian. Composition study will include correct word usage, sentence structure, misplaced and dangling modifiers, spelling and vocabulary study, informal essay structure and formal essay structure.

**English LA B30:** Topics covered—Global perspectives are examined using traditional and contemporary world literature. Themes are World Perspectives, Cultural Heroes, The Human Condition, and The Social Experience. The development of grammatical/writing skills is a predominant focus of the program.

**English LA A10:** Themes include, “The Challenges of Life” and “The Mysteries of Life”. This course involves the study of novels, poetry, essays, drama, short stories, etc.

**English LA B10:** Themes include, “Equality & Ethics” and “The World Around & Within Us”. This course involves the study of novels, poetry, essays, drama, short stories, etc.

**Foundations & Pre-Calculus Math 10:** Topics covered—Measurement, trigonometry, exponents, polynomials, factoring, irrational numbers, relations & functions.

**Foundations of Math 20:** Topics covered—Logical reasoning, proportional reasoning, geometry, trigonometry, algebra, statistics, and probability.

**Pre-Calculus 20:** Topics covered—Absolute value, radicals, trigonometry, rational expressions & equations, factoring, quadratic functions, quadratic equations, inequalities, reciprocal functions, sequences and series.

**Foundations of Math 30:** Topics covered—Financial decision making, logical reasoning, counting principles, probability, polynomial functions, periodic functions, logarithmic and exponential functions.

**Chemistry 30:** Topics covered—Chemistry 20 review, energy changes in chemical reactions, equilibrium, solubility and solutions, acids and bases, and oxidation reduction reactions.

**MORE OVER >**



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**NOTE: All offerings are subject to sufficient enrollment**