



*School of Access
Academic and Career Foundations Department*

**FDN GED S03
COURSE OUTLINE
Summer 2014**

The Approved Course Description is available on the College website
<http://www.camosun.bc.ca/learn/calendar/index.html>

NOTE: Before applying to write the GED tests, check first to ensure that the GED certificate meets the standards or prerequisites you require for employment or further education.

1. Instructor Information

Instructor: Pam Johnson Office Location: CBA 148
Office Hours: Tues & Thurs 4-5pm
Phone: 250-370-3850 Email: johnsonp@camosun.bc.ca

2. Intended Learning Outcomes

Students will achieve the following:

Language Arts: A) Writing

- recognize and correct errors in sentence structure, grammar usage, and mechanics.
- write a unified and coherent paragraph.
- brainstorm and create an outline for an essay.
- write a standard five paragraph 250 word essay including introduction (with thesis statement), three body paragraphs, and conclusion.

Language Arts: B) Reading

- use the skills of comprehension, application, analysis, and synthesis to read and interpret written passages of prose, poetry, drama, commentary, and business documents.

Social Studies

- comprehend, apply, analyse, and evaluate social studies readings, tables, graphs, maps, political cartoons, historical documents, photographs, and government or business documents.

Science

- comprehend, apply, analyse, and evaluate scientific readings, graphs, diagrams, and data tables in Biology, Earth Science, Chemistry, and Physics.

Mathematics

- use competently GED-specific mathematical tools: the Casio fx-SOLAR calculator, and the answer grids for open ended questions and the recording of points on a coordinate plane grid.
- perform calculations using whole numbers, fractions, decimals, and percents.
- convert within the Metric and Imperial Systems of Measurement.
- read and interpret tables and data analysis graphs.
- perform basic algebraic calculations.
- solve basic one-step and multi-step equations and inequalities.
- interpret and use coordinate geometry.
- demonstrate a knowledge and understanding of the geometry of angles, triangles, and proportions.
- use various strategies to solve applications in arithmetic, algebra, and geometry.

Other

- recognize and use helpful test-taking strategies specific to each of the five GED Tests.

3. Required and Supplementary Materials

Required:

- **BARRON'S GED Canada
High School Equivalency Exam, 6th Edition, 2008**

Supplementary: (most are available for loan in the Help Centre)

- Resources to develop specific reading skills (especially the Jamestown Comprehension Skills Series)
- *English Brushup* by John Langan and Janet M. Goldstein
- *Writing for English 050* by Graham Haig
- *Thinking and Writing: A Guide to Paragraphs and Essays* by Ray Bigauskas
- a dictionary and a thesaurus
- Casio fx-260SOLAR calculator
- Mathematics GED (The Gage Canadian GED Study Guide Series)
- *Developmental Mathematics*, 6th or 7th edition, by Marvin Bittinger and Judith Beecher.

4. Course Content

| FDN GED | | Barron's Page ref. |
|---------|---|-----------------------|
| | Practice in Reading for Comprehension: see your instructor | |
| | | |
| | Language Arts: Writing, Part 1: | |
| 1. | Diagnostic Test | 29-39 |
| 2. | Sentence structure | 119-136 |
| 3. | Usage [grammar] | 137-161 |
| 4. | Mechanics | 163-178 |
| 5. | Organization [paragraph writing] | 179-189 |
| 6. | Additional Writing Skills [vocabulary] | 191-216 |
| 7. | Test Writing Practice (Chapter 8) | 217-225 |
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| | Part 11: | |
| 1. | The Essay | 229-250 |
| 2. | Writing an essay | 251-275 |
| 3. | Paragraph and essay writing practice: see your instructor | |
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| | Social Studies | |
| 1. | Diagnostic Test | 41-51 |
| 2. | Reading and interpreting materials (written passages, tables, graphs, maps, political cartoons, historical documents, photographs, and practical documents) | 279-339 |
| 3. | Strategies for comprehension, application, analysis, and evaluation | 341-352 |
| 4. | Outline of Social Studies topics | 353-369 |
| 5. | Social Studies vocabulary | 370-383 |
| 6. | Test Writing Practice (Chapter 12) | 385-399 |
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| | Science | |
| 1. | Diagnostic Test | 52-66 |
| 2. | Reading and interpreting materials (written passages, graphs, diagrams, and tables) | 403-418 |
| 3. | Strategies for comprehension, application, analysis, and evaluation | 419-430 |
| 4. | Science vocabulary | 431-440 |
| 5. | Test Writing Practice (Chapter 15) | 441-480 |
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| | Language Arts: Reading | |
| 1. | Diagnostic Test | 67-76 |
| 2. | Reading and interpreting prose, poetry, and drama | 483-506 |
| 3. | Reading commentary and business documents | 507-509 |
| 4. | Literary terms and vocabulary | 510-511 |
| 5. | Test Writing Practice (Chapter 17) | 513-543 |
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| | Mathematics | |
| 1. | Diagnostic Test | 77-87 |
| 2. | Using the Casio fx-260SOLAR calculator, and filling in answer grids for open-ended questions | 547-553 |
| 3. | WHOLE NUMBERS: place value, +, -, x, ÷, Order of Operations, word problems, exponents, square roots, mean and median, perimeter, area, and volume | 555-584 |
| 4. | Practice (Chapter Review) | 585-587 |
| 5. | FRACTIONS AND MIXED NUMBERS: +, -, x, ÷, compare, calculator for fractions, area using fractions, word problems, ratio, probability | 589-615 |
| 6. | Practice (Chapter Review) | 616-619 |

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| 7. | METRIC AND IMPERIAL SYSTEMS OF MEASUREMENT: convert within each system | 608, 609 630-632 |
| 8. | DECIMALS: decimal places and fraction equivalents, +, -, ×, ÷, round, convert between decimals and fractions, Scientific Notation, circle and cylinder calculations | 621-636 |
| 9. | PERCENTS: convert between decimals/fractions and percents, compare/order fractions, decimals, and percents, percent problems, percent increase/decrease | 637-648 |
| 10. | Practice (Chapter Review: Decimals and Percents) | 649-651 |
| 11. | DATA ANALYSIS | 653-660 |
| 12. | Practice (Chapter Review) | 661-663 |
| 13. | ALGEBRA: number line, +, -, ×, ÷ integers; variables: +, -, ×, ÷, evaluate; one-step and multi-step equations and inequalities, multiply binomials, factor quadratic expressions, solve quadratic equations, set up and solve proportions, solve multi-variable equations for a variable, set up and solve one-step and multi-step problems | 665-690 |
| 14. | COORDINATE GEOMETRY: ordered pairs on coordinate grid, distance between points on grid, slope of a line using formula, solving for missing coordinate | 690-696 |
| 15. | Practice (Chapter Review: Algebra and Coordinate Geometry) | 697-698 |
| 16. | GEOMETRY OF ANGLES AND TRIANGLES: vocabulary, calculate missing angles in diagram, types of triangles, calculate missing angles in triangles, solve for sides and angles in similar triangles, use Pythagorean Theorem, create and solve proportions, set up and solve geometric word problems | 699-722 |
| 17. | Practice (Chapter Review) | 723-725 |
| 18. | Test-taking strategies for Mathematics | 727-732 |
| 19. | Test Writing Practice (Chapter 26) | 733-748 |
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| | GED Practice Examination One | 751-840 |
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| | GED Practice Examination Two | 841-932 |

5. Schedule

6 in-class hours:

daytime (3 x 1 hr 50 min. classes);
evening (2x 2 hr 50 min classes)

The course completion time will vary for each student, depending on current English and Mathematics assessment levels (which will indicate what the student needs to cover to be ready for study material at the GED level), learning rate, and student time available to work on the course in class and outside class time. The instructor will help each student set up a realistic learning plan, based on the student's needs and goals.

6. Basis of Student Assessment and Grading System

The course grade is either COM (complete) or NC (not complete) and is based on the student's completion of the instructor-designated topics itemized in the Course Content.

Students with a record of poor attendance, OR poor progress may be restricted from re-registering in Academic and Career Foundations Department courses.

7. Recommended Materials or Services to Assist Students to Succeed Throughout the Course

LEARNING SUPPORT AND SERVICES FOR STUDENTS

SUPPORT LEADS TO SUCCESS

There are a variety of services available for students to assist them throughout their learning. This information is available in the College Calendar, Registrar's Office or the College web site at <http://camosun.ca/services/>

STUDENT CONDUCT

The purpose of this policy is to provide clear expectations of appropriate academic and non-academic student conduct and to establish processes for resolution of conduct issues or the imposition of sanctions for inappropriate conduct.

<http://camosun.ca/services/>

STUDENT GRADING POLICY

A new student grading policy is in effect for students in the School of Access. This information is available in the College Calendar, Registrar's Office or the College web site at

<http://camosun.bc.ca/policies/Education-Academic/E-1-Programming-&-Instruction/E-1.5.pdf>

ACADEMIC PROGRESS POLICY

There is an Academic Progress Policy designed to enhance a learner's likelihood of success. Students should become familiar with the content of this policy. The policy is available in each School Administration Office, Registration, and on the College web site in the Policy Section.

<http://camosun.ca/about/policies/education-academic/e-1-programming-&-instruction/e-1.1.pdf>