



SUPERIOR CVI STUDENT COURSE INFORMATION SHEET

COURSE NAME: Grade 11 Functions and Relations	CODE: MCF 3M1 (University/College Prep.)												
COURSE DESCRIPTION: This course introduces basic features of the function by extending students' experiences with quadratic relations. It focuses on quadratic, trigonometric, and exponential functions and their use in modeling real-world situations. Students will represent functions numerically, graphically, and algebraically; simplify expressions; solve equations; and solve problems relating to applications. Students will reason mathematically and communicate their thinking as they solve multi-step problems.													
ASSESSMENT AND EVALUATION: The course content in the MCF 3M1 course is organized as follows: 65% of the final grade will be based on evaluations undertaken throughout the term, with multiple opportunities to develop and demonstrate an understanding of concepts and their applications according to the achievement chart categories using a variety of tools and strategies. The term work is broken down by strand (as seen below) and weighted according to the amount of time spent. <table style="width: 100%; border: none;"><thead><tr><th style="text-align: left; width: 60%;">STRANDS</th><th style="text-align: left; width: 40%;">WEIGHTING OF THE TERM WORK</th></tr></thead><tbody><tr><td>1. Characteristics of Functions</td><td>30%</td></tr><tr><td>2. Exponential Functions</td><td>7.5%</td></tr><tr><td>3. Financial</td><td>7.5%</td></tr><tr><td>4. Trigonometric Functions</td><td>15%</td></tr><tr><td>5. Exam Review Component</td><td>5%</td></tr></tbody></table>		STRANDS	WEIGHTING OF THE TERM WORK	1. Characteristics of Functions	30%	2. Exponential Functions	7.5%	3. Financial	7.5%	4. Trigonometric Functions	15%	5. Exam Review Component	5%
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The remaining 35% of the final grade will be derived as follows: <table style="width: 100%; border: none;"><tbody><tr><td style="width: 60%;">Attendance and Participation</td><td>10%</td></tr><tr><td>Final Exam</td><td>25%</td></tr></tbody></table>		Attendance and Participation	10%	Final Exam	25%								
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LEARNING SKILLS: These will appear on the report card and will be assessed and reported separately from academic performance. The six learning skills that will be measured are: responsibility, organization, independent work, collaboration, initiative and self-regulation.													
TEXTBOOK: Functions and Applications 11 (Nelson)	REPLACEMENT COST: 120.00												
<table style="width: 100%; border: none;"><tr><td style="width: 40%;">TEACHER CONTACT: Mr. Childs</td><td style="width: 30%;">PHONE: 807-768-7284</td><td style="width: 30%;">DATE:</td></tr><tr><td colspan="3">Website: www.mrchilds.com</td></tr></table>		TEACHER CONTACT: Mr. Childs	PHONE: 807-768-7284	DATE:	Website: www.mrchilds.com								
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Attendance and Participation Criteria

Participation Criteria	Below Level 1 Less than 50%	Level 1 50-59%	Level 2 60-69%	Level 3 70-79%	Level 4 (80-100%)
Participating in class discussions and contributing ideas	Demonstrates limited or no engagement despite accessible opportunities.	Infrequently engages or contributes despite provision of accessible opportunities.	Occasionally engages in and contributes to classroom learning activities.	Generally engages in and contributes to learning through accessible opportunities.	Consistently engages and contributes through accessible formats; fosters positive culture.
Asking Relevant Questions	The student does not ask relevant questions despite provision of accessible opportunities and formats.	The student infrequently asks relevant questions despite accessible opportunities and formats.	The student occasionally asks relevant questions.	The student generally asks relevant questions.	The student consistently asks relevant questions.
Respects contributions of others,	The student does not respect the contributions of others.	The student infrequently respects the contributions of others.	The student occasionally respects the contributions of others.	The student generally respects the contributions of others.	The student consistently respects the contributions of others.
Contributes to fostering a positive environment	Does not contribute to fostering a positive classroom culture.	Infrequently contributes to fostering a positive classroom culture.	Occasionally contributes to fostering a positive classroom culture.	Generally contributes to fostering a positive classroom culture.	Consistently contributes to fostering a positive classroom culture.
Attendance	The student misses more than 10% of classes for unexcused absences (more than 9 classes per semester).	The student misses 7.5% to 10% of classes for unexcused absences (approximately 7.5-9 classes per semester).	The student misses 5% to 7.5% of classes for unexcused absences (approximately 5-7 classes per semester).	The student misses 2.5% to 5% of classes for unexcused absences (approximately 2.5 to 4.5 classes per semester).	The student misses 0% to 2.5% of classes for unexcused absences (approximately 2 or fewer classes per semester).