GCO A: Students will demonstrate number sense and apply number theory concepts.				
Specific Curriculum Outcomes				
By the end of Mathematics 2206, students will be expected to:				
A2 relate sets of numbers to solutions of inequalities (44, 50, 52, 54)				
A3 demonstrate an understanding of the application of random numbers to statistical sampling (84)				
GCO B: Students will demonstrate operation sense and apply operation principles and procedures in both numeric and algebraic situations.				
Specific Curriculum Outcomes				
By the end of Mathematics 2206, students will be expected to:				
B3 demonstrate an understanding of the relationship between arithmetic operations and operations on equations and inequalities (46, 54, 104, 108)				
B4 use the calculator correctly and efficiently (46, 54, 70, 68, 72, 74, 104, 106, 108, 110, 112)				
B7 estimate and calculate income and deductions (68, 70, 72)				
B8 solve problems involving budgets (72)				

B9 analyze situations and make decisions involving the financing of purchases (74, 78)				
B10 analyze situations and make decisions involving the cost of transportation (76)				
GCO C: Students will explore, recognize, represent and apply patterns and relationships, both informally and formally.				
Specific Curriculum Outcomes				
By the end of Mathematics 2206, students will be expected to:				
C6 apply the linear programming process to find optimal solutions (48, 52)				
C8 demonstrate an understanding of real-world relationships by translating between graphs, tables, and written descriptions (42, 44, 70)				
C11 express and interpret constraints (48, 50, 68)				
C18 interpolate and extrapolate to solve problems (44, 70, 68)				
C20 solve systems of equations and inequalities both with and without technology (54)				
C26 demonstrate an understanding of the difference between simple and compound interest (74)				
C28 solve simple trigonometric equations (104, 108)				

GCO D: Students will demonstrate an understanding of and apply concepts and skills associated with measurement.				
Specific Curriculum Outcomes				
By the end of Mathematics 2206, students will be expected to:				
D4 solve problems using the sine, cosine, and tangent ratios (104)				
D5 apply the Law of Sines, the Law of Cosines, and the formula 'area of a triangle ABC = ½ bc sin A' to solve problems (106, 108, 110, 112)				
GCO E: Students will demonstrate spatial sense and apply geometric concepts, properties, and relationships.				
Specific Curriculum Outcomes				
By the end of Mathematics 2206, students will be expected to:				
E3 represent systems of inequalities as feasible regions (52)				
E4 represent linear programming problems using the Cartesian coordinate system (52)				
GCO F: Students will solve problems involving the collection, display and analysis of data.				
Specific Curriculum Outcomes				

By the end of Mathematics 2206, students will be expected to:				
F1 Draw inferences about population from a sample (80, 82, 86, 92)				
F2 Identify bias in data collection, interpretation and presentation (80, 86, 88)				
F3 demonstrate an understanding of what can be inferred about population by examining sample means and dispersions (90, 92)				
F4 demonstrate an understanding of how the size of a sample affects the variation in sample results (82, 84, 92)				
F5 organize and display information in various ways with and without technology (42, 48, 88, 90, 94)				
F7 draw inferences from graphs, tables, and reports (68, 88, 94)				
F12 interpret normal curves and standard deviation to express levels of confidence (98)				
F13 calculate, analyse, and interpret various statistics (88, 94)				
F15 design and conduct experiments/surveys to explore sampling variability (82, 90)				
F17 design and conduct experiments/surveys and interpret and communicate level of confidence (98, 100)				

GCO G: Students will represent and solve problems involving uncertainty				
Specific Curriculum Outcomes				
By the end of Mathematics 2206, students will be expected to:				
G3 graph sample distributions and interpret them using the language of probability (94, 96)				
Independent Study				
After participating in this unit of work, students will be expected to:				
I1 demonstrate an understanding of a mathematical topic through independent research (58, 60, 62, 64)				
I2 communicate the results of the independent research (58, 60, 62, 64)				
I3 demonstrate an understanding of the mathematical topics presented by other students (62, 64)				