Foundations 30 – Year Plan 2016/2017
Ms. Vanessa Warnock

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| **Unit/Topic** | **Timeline**(classes) | **Outcome** | **Evaluation** |
| Unit 1: Investing Money | 11 | **FM30.1** Demonstrate understanding of financial decision making including analysis of:* renting, leasing, and buying
* credit
* compound interest
* investment portfolios.
 | Formative:* Kahoot! Quizzes
* Chapter Exit Slips
* Unit Practice Quiz

Summative:* Hand-in Assignment
* Weekly Quizzes
* Unit Test
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| Unit 2: Borrowing Money | 10 | **FM30.1** Demonstrate understanding of financial decision making including analysis of:* renting, leasing, and buying
* credit
* compound interest
* investment portfolios.
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| Unit 3: Set Theory and Logic | 11 | **FM30.2:** Demonstrate understanding of inductive and deductive reasoning including:* analysis of conditional statements
* analysis of puzzles and games involving numerical and logical reasoning
* making and justifying decisions
* solving problems.

**FM30.3:** Demonstrate understanding of set theory and its applications.  |  |
| Unit 4: Counting Methods | 13 | **FM30.6:** Demonstrate understanding of combinatorics including:* the fundamental counting principle
* permutations (excluding circular permutations)
* combinations.
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| Unit 5: Probability | 12 | **FM30.4:** Extend understanding of odds and probability. **FM30.5:** Extend understanding of the probability of two events, including events that are:* mutually exclusive
* non-mutually exclusive
* dependent
* independent.

**FM30.8:** Research and give a presentation of a current event or an area of interest that requires data collection and analysis.  |  |
| Unit 6: Polynomial Functions | 10 | **FM30.7:** Demonstrate understanding of the representation and analysis of data using:* polynomial functions of degree ≤ 3
* logarithmic functions
* exponential functions
* sinusoidal functions.
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| Unit 7: Exponential and Logarithmic Functions | 10 | **FM30.7:** Demonstrate understanding of the representation and analysis of data using:* polynomial functions of degree ≤ 3
* logarithmic functions
* exponential functions
* sinusoidal functions.
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| Unit 8: Sinusoidal Functions | 10 | **FM30.7:** Demonstrate understanding of the representation and analysis of data using:* polynomial functions of degree ≤ 3
* logarithmic functions
* exponential functions
* sinusoidal functions.
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| Final Exam Prep | 5 |  |  |

**Weight of Evaluations:**

Formative – 0%

* Kahoot! Quizzes
* Chapter Work
* Unit Practice Tests

Summative – 100%

* Weekly Quizzes – 10%
* Unit Hand in Assignment – 50%
* Unit Tests – 40%

Final Grade

40% Departmental

60% Course Work