

**St. Francis Xavier University**  
**Department of Mathematics,**  
**Computing and Information Systems**  
**Math 372 – Theory of Numbers**

**Instructor:** Aaron Childs  
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**Office Hours:**

|                    | <b>Monday</b> | <b>Tuesday</b> | <b>Wednesday</b> | <b>Thursday</b> | <b>Friday</b> |
|--------------------|---------------|----------------|------------------|-----------------|---------------|
| <b>8:15-9:15</b>   | Math 433      |                |                  | Math 331        |               |
| <b>9:15-10:15</b>  | Office Hours  | Office Hours   | Office Hours     | Office Hours    | Office Hours  |
| <b>10:15-11:15</b> | Office Hours  | Math 331       | Math 433         | Office Hours    | Office Hours  |
| <b>11:15-12:15</b> |               |                |                  | Math 433        | Math 331      |
| <b>12:15-1:15</b>  |               |                |                  |                 |               |
| <b>1:15-2:15</b>   | Math 231      |                | Math 231         | Math 231        |               |
| <b>2:15-3:15</b>   | Office Hours  | Math 372       | Office Hours     |                 |               |
| <b>3:15-4:15</b>   |               | Math 372       |                  |                 |               |
| <b>4:15-4:45</b>   |               | Math 372       |                  |                 |               |

**COURSE INFORMATION**

**Lectures:** Annex 23 Tuesdays 2:15-4:45

**Topics Covered:** Chapters 1-12, 16-20 in the textbook.

**Textbook:** *Elementary Number Theory*, Second Edition, by Underwood Dudley. Published by W.H. Freeman.

**Calculators:** Any calculator can be used on the tests and exam.

**Assignments:** There will be six assignments, due anytime before 12 noon on the following dates:

Assignment #1: Friday, January 16;

Assignment #2: Friday, January 30;

Assignment #3: Friday, February 13;

Assignment #4: Friday, March 6;

Assignment #5: Friday, March 20;

Assignment #6: Friday, April 3;

**Note:** Assignments handed in anytime after 12 noon on the due dates will receive a grade of 0.

**Tests and Final Exam:** The tests and exam will be on the following dates:

|          |                     |
|----------|---------------------|
| Quiz #1  | Tuesday January 13  |
| Quiz #2  | Tuesday January 27  |
| Test #1: | Tuesday February 3  |
| Quiz #3  | Tuesday February 10 |
| Quiz #4  | Tuesday March 3     |
| Test #2: | Tuesday March 10    |
| Quiz #5  | Tuesday March 17    |
| Quiz #6  | Tuesday March 31    |

Final Exam: To be determined

**Course Evaluation:**

|              |     |
|--------------|-----|
| Assignments: | 20% |
| Test #1:     | 15% |
| Test #2:     | 15% |
| Quizzes:     | 10% |
| Final Exam:  | 40% |