### Course Title
Intermediate Algebra

### Course Number
MAT 1033

### Prerequisites
MAT 0024C or equivalent

### Credit Hours
3.0

### Contact Hours
45

### Class Meeting Times
TR 5:30 – 8:45 pm

### Class Method
Traditional classroom course (class meets in person)

### Instructor
Christine Ledwith  
cledwith@islandchristian.org  
Cell # 305-393-0368

### Office Hours
By appointment

### Course Description
This course reviews and extends many of the topics in basic Algebra. The student will solve real world problems through linear and quadratic function modeling.

### Course Objectives
Upon completion of the course, the student will be able to demonstrate knowledge—by successfully answering questions on an objective examination—of the following topics:

1. Use basic operations with real numbers and use algebraic terminology and laws.
2. Understand basic function notation and evaluation.
3. Solve and graph linear equations and inequalities.
4. Solve systems of equations in more than one variable.
5. Perform arithmetic operations with polynomials and rational expressions.
6. Simplify radical expressions and solve equations containing them.
7. Solve simple quadratic equations.

### Required Textbook
Intermediate Algebra, 11th edition, or My Math Lab Access Code

### Publisher
Addison Wesley

### Authors
Martin L Bittinger

### ISBN
0-321-61336-8

### Calculator
The use of a calculator is recommended for this course.
# Proposed Course Schedule

Please note: The course schedule is subject to change to meet the needs of the course and its students. If you miss a class, it is YOUR responsibility to stay current.

<table>
<thead>
<tr>
<th>Date</th>
<th>Textbook: Chapter.Section</th>
<th>Assignments</th>
</tr>
</thead>
<tbody>
<tr>
<td>13-May</td>
<td>Syllabus/ 1.1-1.4</td>
<td></td>
</tr>
<tr>
<td>15-May</td>
<td>1.5-2.4</td>
<td>Chapter 1 Test: 1-47 odd</td>
</tr>
<tr>
<td>20-May</td>
<td>2.5-3.3</td>
<td>Chapter 2 Test: 1-35 odd</td>
</tr>
<tr>
<td>22-May</td>
<td>Exam 1 – Chap 1,2,3</td>
<td></td>
</tr>
<tr>
<td>27-May</td>
<td>3.4-4.3</td>
<td>Chapter 3 Test: 1-19</td>
</tr>
<tr>
<td>29-May</td>
<td>4.4-4.8</td>
<td>Chapter 4 Test: 1-41 odd</td>
</tr>
<tr>
<td>3-Jun</td>
<td>5.1-5.5</td>
<td></td>
</tr>
<tr>
<td>5-Jun</td>
<td>Exam 2-Chap 3,4,5</td>
<td></td>
</tr>
<tr>
<td>10-Jun</td>
<td>5.6-6.4</td>
<td>Chapter 5 Test: 1-27 odd</td>
</tr>
<tr>
<td>12-Jun</td>
<td>6.5-6.8</td>
<td>Chapter 6 Test: 1-39 odd</td>
</tr>
<tr>
<td>17-Jun</td>
<td>7.1-7.2</td>
<td></td>
</tr>
<tr>
<td>19-Jun</td>
<td>FINAL EXAM</td>
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</tbody>
</table>

**Homework**

The assignments are the chapter tests at the end of each chapter following the chapter review problems. They are due before the exam over the material covered on that chapter. Together all the assignments will be equivalent to one exam grade.

Do not fall behind. Every class late 10-point deduction.
### Student Evaluation and Course Policies

#### Student Grade Determination

<table>
<thead>
<tr>
<th>Percentage Range</th>
<th>Description</th>
<th>FKCC Grading Scale</th>
</tr>
</thead>
<tbody>
<tr>
<td>70% - 200 pts.</td>
<td>2 Exams @ 100 pts each</td>
<td>90-100% = 360 - 400 POINTS</td>
</tr>
<tr>
<td>100 pts.</td>
<td>6 Homework Assignments = 100 pts</td>
<td>80-89% = 320 -359 POINTS</td>
</tr>
<tr>
<td>30% - 100 pts.</td>
<td>You may drop either one exam grade or your homework grade</td>
<td>70-79% = 280 - 319 POINTS</td>
</tr>
<tr>
<td>100% - 300 pts.</td>
<td>Comprehensive final exam = 100 pts.</td>
<td>60-69% = 240 - 279 POINTS</td>
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<td></td>
<td>BELOW 60% = BELOW 240 POINTS</td>
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#### Exam Policy

- Each exam will take up one whole class meeting. All exams will be closed book/notes. The use of electronic devices is strictly prohibited during exams with the exception of a calculator.
- Makeup exams may be offered to students with emergencies, but only if they can provide acceptable documentation of the emergency (e.g., hospitals admit slip, etc.). The instructor reserves the right to change the format of any makeup exams.
- The final exam cannot be made up for any reason.

#### Reading Assignments and Homework

- To succeed in this course, you should do all homework. Review class notes frequently.
- Homework is due within the first 10 minutes of the start of class on the due date. Students who must miss class on a due date can email the assignment by the start of class for full credit.
- All Homework is due prior to the exam over the material.
- Late homework is not accepted.

#### Participation

- Students are expected to attend each class. Arriving late, leaving early, cell phone and non-class computer usage, as well as any other disruption of class will result being asked to leave.
- Please note that the instructor may withdraw a student from a course for excessive absences (see FKCC Policies below). For our purposes, “excessive absences” is defined as 3 or more unexcused absences.

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**Students are expected to familiarize themselves with FKCC Policies, which can be found in the current Student Handbook.**