MAT 0018 PREALGEBRA
Summer A 2012 | M 1:00pm-2:53pm and online | Bradenton campus | Building 27 | Room 123
Instructor:  David Nezelek  
Instructor's e-mail: NezeleD@scf.edu  
Office hours: by appointment  
Math lab hours: http://www.scf.edu/StudentServices/AcademicResourceCenter/default.asp

COURSE DESCRIPTION: Test scores and/or past performance indicate a need for training in the basic skills of arithmetic and algebra. Topics include operations with integers, fractions, decimals and percent, geometric figures and their measures, and pre-algebra topics including properties of rational numbers, operations of rational numbers, simplification of polynomials and equation-solving techniques. Additional special fees are required. Course performance standards are available at http://www.scf.edu/content/Docs/CouPerSta/MAT0018.doc and in the Math Labs.

LAB REQUIRED: Every student enrolled in MAT0018 must also enroll in a MAT0018 Lab. Students will complete the weekly lab homework assignments off campus but may use the open lab in the Academic Resource Center to get assistance as needed.

TEXT: Prealgebra by Elayn Martin-Gay, 6th edition. Please note that students must be enrolled in the online instructional program MyMathLab by the end of the first week. MyMathLab includes an electronic version of the book; therefore, purchasing the textbook is not required. Go to http://bit.ly/J3PY8l for instructions on signing up for MyMathLab. When prompted, use the course ID nezelek91867.

MATERIALS: A scientific calculator is required. It is allowed only during one portion of the final exam. The entire midterm exam and part of the final exam must be completed without the use of a calculator. Calculators with symbolic manipulation capabilities (e.g., TI-89, TI-92) will not be allowed for use during exams.


EXAMINATIONS: There will be a midterm exam given on June 4th and a required comprehensive final examination given on June 25th. Students who are unable to attend at the scheduled exam time must arrange alternate testing arrangements with the instructor at least one week in advance of the test date. NO MAKE-UP EXAMS WILL BE GIVEN AND NO LATE REQUESTS FOR ALTERNATE ARRANGEMENTS WILL BE CONSIDERED.

GRADING: Your grade in the course is determined by the percentage of points earned during the semester. A grade of 70% or better must be earned on the final exam in order to pass the course.

POINTS SCALE:  
MyMathLab assignments  300  80 -89% = B  
Midterm  350  70 -79% = C  
Final Exam (cumulative)  350  60 -69% = D  
0 - 59% = F

WITHDRAWAL: In accordance with the State College of Florida policy, as stated in the college catalog, students may withdraw from any course, or all courses, without academic penalty, by the withdrawal deadline listed in the State College of Florida academic calendar. This semester, the withdrawal date is June 9, 2012. Students should take responsibility to initiate the withdrawal procedure but are strongly encouraged to talk with their instructors before taking any withdrawal action. In addition, students should note that faculty may also withdraw students for violating policies, procedures or conditions of the class, as outlined in individual class syllabi, and such action could affect financial aid eligibility.

ELECTRONICS POLICY: Cell phone etiquette must be observed: In-class usage is restricted to emergency situations. Cell phones are not allowed to be used during tests, not even as a calculator. Inform the instructor before class of any extenuating circumstances. Electronic devices, such as iPods, Blackberries, etc. are not permitted in class.

MISCONDUCT: Students are expected to abide by all Student Handbook guidelines. The minimal consequence of failure to adhere to these statements is withdrawal from the course.
<table>
<thead>
<tr>
<th>Week</th>
<th>Dates</th>
<th>Topics</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>M 5/14 – R 5/17</td>
<td>1.1 Pretest &amp; Tips for Success, 1.2 Place Value and Names of Numbers, 1.3 Adding &amp; Subtracting Whole Numbers; Perimeter, 1.4 Rounding and Estimating, 1.5 Multiplying Whole Numbers and Area, 1.6 Dividing Whole Numbers, 1.7 Exponents and Order of Operations, 1.8 Intro. to Variables &amp; Algebraic Expressions</td>
</tr>
<tr>
<td>2</td>
<td>M 5/21 – R 5/24</td>
<td>2.1 Introduction to Integers (and Graphing Inequalities), 2.2 Adding Integers, 2.3 Subtracting Integers, 2.4 Multiplying and Dividing Integers, 2.5 Order of Operations, 2.6 Solving Equations: Addition &amp; Mult. Properties</td>
</tr>
<tr>
<td>3 *</td>
<td>M 5/28 – R 5/31</td>
<td>3.1 Simplifying Algebraic Expressions, 3.2 Solving Equations: Review Addition &amp; Multiplication, 3.3 Solving Linear Equations in One Variable, 3.4 Linear Equations &amp; Problem Solving, 3.5 Intro. To Fractions &amp; Equivalent Fractions, 3.6 Factors &amp; Simplest Form, 3.7 Multiplying &amp; Dividing Fractions, 3.8 Adding &amp; Subtracting Like Fractions and LCD, 3.9 Adding &amp; Subtracting Unlike Fractions, 3.10 Complex Fractions &amp; Order of Operations, 3.11 Operations on Mixed Numbers, 3.12 Solving Equations Containing Fractions</td>
</tr>
<tr>
<td>4</td>
<td>M 6/4 – R 6/7</td>
<td>Midterm 5.1 Introduction to Decimals, 5.2 Adding &amp; Subtracting Decimals, 5.3 Multiplying Decimals &amp; Circumference of a Circle, 5.4 Dividing Decimals, 5.5 Fractions, Decimals and Order of Operations, 5.6 Equations Containing Decimals, 5.7 Decimal Applications: Mean, Median, Mode</td>
</tr>
<tr>
<td>5</td>
<td>M 6/11 – R 6/14</td>
<td>6.1 Ratios &amp; Rates, 6.2 Proportions, 6.3 Proportions &amp; Problem Solving, 6.4 Square Roots and the Pythagorean Theorem</td>
</tr>
<tr>
<td>7</td>
<td>M 6/25</td>
<td>Final Exam Review Problems: <a href="http://www.scf.edu/content/PDF/math/fr0018.pdf">http://www.scf.edu/content/PDF/math/fr0018.pdf</a></td>
</tr>
</tbody>
</table>

T 6/26 Final Grades Due at 12 Noon for Summer A Classes