COURSE TITLE  Developmental Math II – Spring 2015  
COURSE NUMBER  MAT 0028 CRN 11225  
PREREQUISITES  PRTM 96  
CREDIT HOURS  3.0  
CONTACT HOURS  45  
CLASS MEETING TIMES  MW 7:00-8:15  
CLASS METHOD  Tn Williams Fac 2403  
Emporium course (class utilizes computerized instruction)  
Instructor  Robert Lenich  
Robert.lenich@fkcc.edu  
C 212  
Phone # 305-809-3528  
OFFICE HOURS  See Attached Schedule  
COURSE DESCRIPTION  Topics include exponents and polynomials, factoring, radicals, rationales, linear equations, graphing  
EMAIL POLICY  All FKCC Island TIME students (students taking Developmental Math I or II in Key West) are required to use and frequently check (once per day) their fkcc.edu email address. Students must also use their fkcc.edu email address in their setup and use of their MyMathLab account. Important and required course information as well as college-wide announcements will only be accessible through the fkcc.edu email system.  
ATTENDANCE POLICY  Attendance is required for all classes.  
For sections meeting 4 days a week in a full 15-week term, any student with 8 unexcused absences who is at risk of not successfully completing the course (as determined by the instructor) will be dropped from the course. For sections meeting 2 days a week in a full 15-week term or for sections running in a compressed 8-week term, any student with 4 unexcused absences who is at risk of not successfully completing the course (as determined by the instructor) will be dropped from the course and access to MyMathLab will be denied. Arriving to class more than 10 minutes late will count as an absence.  
A record of each student’s class attendance will be kept and this record will be the part of 5% of each student’s participation grade.
**Notebooks**
Maintaining an organized notebook for any class is important for success. Instructors will review each student’s notebook periodically and will contribute to 5% participation grade.

**Incomplete Policy**
An instructor may assign a grade of “Incomplete” to a student who has successfully completed all assignments and quizzes through Quiz 25 by end of course. A student receiving an “Incomplete” will have 20 calendar days from the beginning of the following term to complete the course. All other students who have not successfully completed the course will receive an F.

**SSC Policies**
For a complete listing and explanation of all Island TIME and Student Success Center rules and policies, please review the Student Success Center Guidelines for Success distributed by your instructor on the first day of class.

**Calculator and Cell Phone Policy**
Basic Scientific calculators as provided by the SSC are allowed after the Test 1 has been completed. Cell phones are not allowed to be used as calculators. Cell Phones must be stored away while in the Classroom and Lab areas.

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


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. Apply the order of operations to evaluate algebraic expressions, including those with parentheses and exponents
2. Simplify an expression with integer exponents
3. Add, subtract, multiply, and divide polynomials. Division by monomials only. (Does not include division by binomials)
4. Solve quadratic equations in one variable by factoring
5. Factor polynomial expressions (GCF, grouping, trinomials, difference of squares)
6. Graph linear equations using table of values, intercepts, slope intercept form
7. Solve linear equations in one variable using manipulations guided by the rules of arithmetic and the properties of equality.
8. Solve literal equations for a given variable with applications (geometry, motion \([D=RT]\), simple interest \([I=PRT]\))
9. Simplify radical expressions - square roots only
10. Add, subtract, and multiply square roots of monomials
11. Convert between scientific notation and standard notation
12. Solve application problems involving geometry (perimeter and area with algebraic expressions)
13. Identify the intercepts of a linear equation
14. Identify the slope of a line (from slope formula, graph, and equation)
15. Solve multi-step problems involving fractions and percentages (include situations such as simple interest, tax, markups/markdowns, gratuities and commissions, fees, percent increase or decrease, percent error, expressing rent as a percentage of take-home pay)
16. Solve linear inequalities in one variable and graph the solution set on a number line
17. Rationalize the denominator (monomials only)
18. Solve application problems involving geometry (Pythagorean theorem)
19. Recognize proportional relationships and solve problems involving rates and ratios
20. Simplify, multiply, and divide rational expressions
21. Add and subtract rational expressions with monomial denominators
22. Convert units of measurement across measurement systems

REQUIRED MATERIAL

MyMathLab Student Stand-Alone Access Kit

ISBN

032119991X (MyMathLab Access Kit)

OPTIONAL TEXTBOOK

Prealgebra and Introductory Algebra 3/e

PUBLISHER

Addison-Wesley

AUTHORS

Marvin Bittinger, David Ellenbogen, Judith Beecher and Barbara Johnson

TEXTBOOK NOTE

If you have a MyMathLab account with Pearson, simply engage the function that enrolls you in a new course using the CourseID successcenter55961. If you have never used MyMathLab before, simply follow the directions in the following text box. Regardless of whether or not you have an access code, temporary access is free for 14 days!

Directions for Creating Your Pearson MyMathLab Account

(1) Click here: www.pearsonmylabandmastering.com.

(2) Next click on “Student” under the “Register” heading at the right side of the screen.

(3) You will be redirected to a page and asked to “Enter Your Course ID”. In the field marked “Course ID” enter successcenter55961. You will be redirected to a new page.

(4) If you already have an account with Pearson, enter your “Username” and “Password”. Otherwise, you will need to follow the steps after clicking on “Create”.

(5) After you complete step 4, you should be redirected to a screen that asks you to either use an access code, use a credit card or paypal, or register with temporary access. It is thus possible for each student to register for access on the first day of class. Once you have completed this step, you should be asked if you wish to go to the course and the registration should be complete!
STUDENT EVALUATION

<table>
<thead>
<tr>
<th>STUDENT GRADE DETERMINATION</th>
<th>FKCC GRADING SCALE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>14 %</strong> Topic Tests (7 @ 2% each)</td>
<td>90-100% A</td>
</tr>
<tr>
<td><strong>13%</strong> Homework Assignments</td>
<td>80-89% B</td>
</tr>
<tr>
<td><strong>56 %</strong> Module Quizzes (28 @ 2% each)</td>
<td>70-79% C</td>
</tr>
<tr>
<td><strong>5 %</strong> Success Factors (Class Attendance and Notebook)</td>
<td>Below 70% F</td>
</tr>
<tr>
<td><strong>12%</strong> Final Exam</td>
<td></td>
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<tr>
<td><strong>100 %</strong> Final Grade</td>
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</tbody>
</table>

Test/Final Exam Policies

- The use of all mobile devices is strictly prohibited during tests and the final exam. Calculators are allowed after the Test 1 has been completed and on the Final.
- Notes are not allowed to be used for Tests or the Final.

Homework Policies
To help you succeed in this course, you should do all of the MyMathLab homework assignments by the due date specified in the course schedule.

Classroom Policies

- It is expected that you will attend and be present from the beginning to the end of all class meetings. Attendance will be taken at all class meetings and reported to the college as required.
- Mobile devices need to be silenced during all class meetings and put away. No cell phones are allowed in the classroom or lab areas. Failure to abide by this policy may result in being removed from the course or Lab area.
- Academic dishonesty will not be tolerated and will result in no credit for the assignment/test/exam in which it occurs, and possible notification to the Dean of Student Affairs and Accreditation.
- Basic Scientific calculators such as those provided in the SSC are allowed after completing the Basic Review section. Violation of this policy will not be tolerated and may result in no credit for the assignment/test/exam in which it occurs, and possible notification to the Dean of Student Affairs and Accreditation.

Special Needs
If you have special needs as addressed by the Americans with Disabilities Act (ADA) and need assistance, please notify the Office for Students with Disabilities at 305-809-3269 via email at: Suzy.park@fkcc.edu or the course instructor immediately. Reasonable efforts will be made to accommodate your special needs.

Community Decorum
A positive learning experience depends upon respect among all members of this classroom community. Disregard or disrespect for the process, the group or toward any individual will result in removal from the class and may result in you being dropped from the course.

Sexual Predators
Federal and State law requires a person designated as a “sexual predator or offender” to register with the Florida Department of Law Enforcement (FDLE). The FDLE then is required to notify the local law enforcement agency where the registrant resides, attends or is employed by an institution of higher learning. Information regarding sexual predators or offenders attending or employed by an institution of higher learning may be obtained from the local law enforcement agency with jurisdiction for the particular campus, by calling the FDLE hotline (1-888-FL-PREDATOR) or (1-888-357-7332), or by visiting the FDLE website at www.fdle.state.fl.us/sexual_predators.

If there are questions or concerns regarding personal safety, please contact the Campus Security Officer on your campus.
COPYRIGHT NOTICE

The materials and content provided in this course are intended only for registered Florida Keys Community College students who have paid their tuition and fees to attend this course. Materials that are affected include, but are not limited to, text, still images, audio recordings, video recordings, simulations, animations, diagrams, charts, and graphs. Every effort has been made to insure these materials are not disseminated to anyone beyond those who have legally registered for this course. Download, revision, or distribution of course material with anyone other than registered classmates and the instructor is strictly prohibited.

Policies in this syllabus are subject to change if the instructor deems necessary and appropriate.