Syllabus - Developmental Math II

Spring 2014

Mrs. Bradley 321-276-4797

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I do not use blackboard. – the above contact information is the only way to contact me outside of class

Class times: MTWR 8:30 – 9:45 Final exam: 2/26 @ 8:30 AM

Course description:

Prerequisite:Minimum grade of C in MAT 0018C or appropriate score on an approved assessment.

This college-preparatory course is designed to supplement the algebraic background of students prior to taking MAT 1033C Intermediate Algebra. Topics include sets, fundamental operations with polynomials, linear equations and inequalities with applications, factoring and its use in algebra, introduction to graphing of linear equations, introduction to radicals, and use of calculators to enhance certain concepts. This course does not apply towards mathematics requirements in general education or towards any associate degree.

Core Competencies of a Valencia Graduate:

 Think, Communicate, Value and Act

 Valencia’s Student Core Competencies are complex abilities that are essential to lifelong success. This course will help you develop and demonstrate the abilities to (1) think clearly, critically, and creatively; (2) communicate with others verbally and in written form; (3) make reasoned value judgments and responsible commitments; and (4) act purposefully, reflectively, and responsibly. Many problems and activities will be presented in the context of an application. These applications will require students to select appropriate information from the problem and communicate effectively how to arrive at an appropriate solution.

### Required Materials:

**Textbook:** *MAT 0028C Developmental Math II* by Al Groccia.

 Daily internet access for online HW: iMathAS (imathas.valenciacollege.edu)

CALCULATORS ARE NOT ALLOWED

3x5 index cards

 Graphing paper

**Grading Percentages:** Labs: 10%

` Homework 10%

Modules: 5%

 Tests : 50%

 Final Exam: 25%

There are two requirements for passing this class and gaining entry into MAT 1033C:

1. Showing mastery of the state competencies by passing the Final Exam with a 70% or reaching 100% on all 7 modules, and
2. Maintaining at least a “C” average in the rest of the class.

**Labs 10%:** In addition to time spent in class, you are required to attend lab twice a week with your classmates in 7-112. Each day in lab you will have an assignment which will be collected. **Your lab book will be given to you on the first day of labs.** Make sure to always bring your lab book and pencils to lab.Labs, daily warm-up quizzes, and exit problems will make up the lab grade. All labs must be received complete on the due date; late work is handled on a case-by-case basis. Working together is encouraged, but individual work must be turned in.

No food, gum, or drinks are allowed in labs. Failure to adhere to the lab instructors participation guidelines will result in a lowered lab grade.

**Homework 10%:** Homework answers will be submitted and scored online in IMathAS. A notebook showing all problems worked neatly and in order must be maintained and will be checked. It is important that you do the homework as each section is covered in class, as this serves as practice material and review for the tests. Homework assignments will be due the day following the lesson that covers the material.

**Logging In to IMathAS.** Most of you are already enrolled in the online homework program. You will use your Atlas username and the password: math to log in at imathas.valenciacollege.edu. If this doesn’t work, let me know and I will enroll you.

You must select a Viewing/Accessibility option, choose: Force image-based display.

If you choose visual display and your browser does not support browser-based visual

display, you’ll be brought to a page explaining how to download the necessary plugins

(for Windows Internet Explorer), download a compatible browser, or continue with

image-based display.

This option is set for your current session only, so you can set them differently

depending on the support offered by the computer you're currently working at.

**Home Page**

The home page lists the classes you're currently taking, and also has options for

enrolling in a course, changing your password, changing your user info, or logging out

of the system.

**Modules 5%:** Modules are listed in imathas and are available throughout the course for you to work on. Modules are due by the day of the final. 100% on ALL modules will make the exit exam become a final exam.

 (exit exam – 70% or higher required to receive the grade earned in the course

 Final exam- just part of your overall grade)

**Tests 50%**: You’ll have 4 chapter tests during the term that will make up your “Tests and Quizzes” grade. You are responsible for knowing and understanding the material on each test.

 Missing a test day is a serious problem. Please review the test dates. Conflicts such as family reunions and vacations are NOT an acceptable reason for missing a test. If you have an emergency the day of the test phone or email me THAT day and I will schedule a make up test if it seems reasonable to do so. ONE such emergency is considered reasonable in a term.

 F**ailure to take the final exam automatically results in a failing grade.**

**Final Exam 25%**: In order to proceed to Intermediate Algebra (MAT1033C), you must earn

a C in the class and either pass the final exam with 70% or earn 100% on each of 7 learning

modules. The 7 learning modules have unlimited tries during the semester.

* **In order to receive a passing grade for this class a student will need to pass the class with a grade of “C” or higher.**  There is a “**Final Exam**” that is part of this course which counts as 25% of your final grade. But to move on to the next higher math class, a student is **required to pass** this exam with a score of **28 or more correct out of 40** (70% or higher) or receive a 100% on each of 7 learning modules.
* No calculators are allowed.
* It is a multiple choice test that must be taken online in the Testing Center’s computer lab.
* You are allowed one attempt at passing the Final Exam. Our final exam is scheduled for Wednesday, February 26, 8:30-9:45 in the testing center.

**Grading Scale:** A: 90-100%

 B: 80-89%

 C: 70-79%

 D: 60-69%

 F: 0-59%

**Tutoring and Support Materials:**

**HELP**

 There is tutoring available in Building 4, first floor (SPA). (Bldg. 4-108) is a great help!

 There are math CDs and videotapes with related course topics. Check them out at the Materials Desk in Building 4 (1st floor).

 Valencia maintains online tutorials at: math24/7.

 I am available immediately after class for individual help

 It is helpful to form study groups.

**Class Policies:**

 Attendance: Regular attendance and class participation are significant factors that promote student success in this course. Students are expected to attend every class, be punctual, and complete all assignments**.** Students are responsible for all work presented when they are absent. The student is also responsible for any announcements made in class, whether or not they are present.

 Students are required to remain in class for the whole period, unless prior permission to leave early has been granted by the instructor. **It is disruptive to depart while class is in session.**

 Changes in the syllabus, course calendar, evaluation procedure, homework assignments, and/or any other document provided by the professor may be made at any time at discretion of teacher. In case you are absent, **it is your responsibility** to find out what, if any, announcements or changes are made.

 Tardiness: All classes start at the time indicated on the class schedule. Being late to class is a disruption and is discourteous to the professor and the rest of the students. A short quiz will be given at the beginning of each class period – excessive tardies will greatly impact this grade.

 Class Participation: Students are encouraged to participate actively and ask pertinent questions during class. I cannot know that you are confused unless you tell me or when you fail a test. Courtesy will be observed at all times.

 Valencia Community College is dedicated not only to the advancement of knowledge and learning but is concerned with the development of responsible personal and social conduct. By enrolling at Valencia Community College, a student assumes the responsibility for becoming familiar with and abiding by the general rules of conduct. The primary responsibility for managing the classroom environment rests with the faculty. Students who engage in any prohibited or unlawful acts that result in disruption of a class may be directed by the faculty member to leave the class. Violation of any classroom or Valencia’s rules may lead to disciplinary action up to and including expulsion from Valencia. Disciplinary action could include being withdrawn from class, disciplinary warning, probation, suspension, expulsion, or other appropriate and authorized actions. You will find the Student Code of Conduct in the current Valencia Student Handbook.

Cell Phones, Beepers, Watch Alarms, computers:

 Please turn off all these devices before you come to class. They are a huge distraction and will not be allowed during class time.

 Homework: Completion of homework is crucial to student success in this course. Specific homework problems are assigned for each section to be covered. **They are your review for the test** and the only way you can ascertain whether you are prepared or not for the next class. See attached schedule.

 After each class, you need to spend a considerable amount of time (8 or more hours) practicing and studying problems, working the homework assignments, before you attend the next class period. Failure to do so will affect your understanding and therefore your grade in this course.

**Academic Honesty:**

 All students are expected to be in complete compliance with Valencia Community College’s policies on academic honesty (see Valencia’s website for detailed policies). In no instance will cheating of any type be tolerated in this course. Students who plagiarize or cheat in any way will risk dismissal from class and/or expulsion from the college.

 The professor reserves the right to determine the appropriate penalties within Valencia’s Academic Honesty policies.

**Withdrawal:**

 **Don’t just stop coming to class!** **If you decide to withdraw, you must follow the proper procedure (see “Atlas” for details).** **St**udents may withdraw themselves up until the withdrawal deadline (Feb. 7) for a grade of W. After this date instructors may withdraw a student for excessive absences, therefore, students who do not withdraw themselves prior to the withdrawal deadline will be assigned whatever grade was earned for the course as their final grade. I do not withdraw for absences unless there is a special need.

**NOTE:** Please see me to discuss your individual needs – even if they are not documented. Students with disabilities who qualify for academic accommodations must provide a letter from the Office for Students with Disabilities (OSD) and discuss specific needs with the professor, preferably during the first week of class. The Office for Students with Disabilities (East: Bldg 5-216) determines accommodations based on appropriate documentation of disabilities.

| **Week #** | **Dates** | **Lessons by Textbook Section** |
| --- | --- | --- |
| **Monday** | **Tuesday** | **Wednesday** | **Thursday** |
| 1 | Jan. 6-9  |  |  |  |  |
| 2 | Jan. 13-16 |  |  |  |  |
| 3 | Jan. 20-23 |  | Test 1-Chapter 1,2 |  |  |
| 4 | Jan. 27-30 |  |  |  |  |
| 5 | Feb. 3-6 | Test 2-Chapter 3,4 |  |  |  |
| 6 | Feb. 10-13 |  |  |  | Test 3-Chapter 5 |
| 7 | Feb. 17-20 |  |  |  |  |
| 8 | Feb. 23-27 | Test 4-Chapter 6 |  | Final exam |  |