

**Syllabus**  
**Three Rivers Community College**  
**MAT 090 – Math Pathways**  
**Spring 2013**

**Instructor:** Joan Casey

Phone: 860-941-2498

Office Hours: half hour after each class in Room D219

Email: [casey@randallrealtors.com](mailto:casey@randallrealtors.com)

Instructor's ID: casey56542

**Educational Assistant:** Todd Shirley

**Course Description:**

Math Pathways is a series of modules that can be individually tailored to prepare a student for math courses depending on what the student already knows. The modules include: whole numbers, fractions, decimals, proportions, ratios, percents, signed numbers, exponents, inequalities, radicals, algebraic expressions, functions, solving first degree equations, polynomials, factoring, graphing, systems of linear equations, and applications. ***This course does not count towards the minimum requirements for graduation.***

**Required Materials:**

- The text is "Math Pathways MAT 090." This is a custom book created especially for TRCC.
- Access Kit for MyMathLab software.
- Head phones
- Binder or folders – at least 1 folder is needed.
- Loose leaf paper
- Pencils
- Calculators may be used in Modules 5 through 9, inclusive. Calculators must not be associated with a communications device. ***Calculators can NOT be used in Modules 1 – 4, inclusive.***

**Attendance:**

Attendance and participation are required for this course. If you are late or leave early three times, it will count as an absence. You are expected to work on math during class time. Texting, web browsing, or engagement in other non-course related activities will result in an unsatisfactory attendance and participation grade. If you miss more than 10% of the scheduled classes for the semester, you will receive unsatisfactory progress for the semester. If you have exceeded the number of allowed absences, you may fill out a petition to request a grade of satisfactory progress for the semester. The petition will be discussed by the Math Pathways Committee and a group decision will be made.

## **Class Conduct:**

In addition to the rules and policies previously stated in this syllabus, students are asked to:

- Be respectful of each person,
- Do not use cell phones, beepers, or similar devices during class and lab time. Please silence these devices.

From the TRCC Student Handbook: *“The College has the right and responsibility to take appropriate action when a student's conduct directly and significantly interferes with the College's educational mission and the rights of others to pursue their educational objectives in an environment conducive to learning.”* Such action will, at minimum, be the dismissal of the student from the remainder of class that day.

## **Contact:**

All communication will occur by announcements in MyMathLab or via email. Please make sure that your email addresses in MyMathLab and MyCommNet are accurate. Check your email regularly to be informed of any changes in schedule.

## **Academic Integrity:**

Academic integrity is essential to a useful education. Failure to act with academic integrity severely limits a person's ability to succeed in the classroom and beyond. Furthermore, academic dishonesty erodes the legitimacy of every degree awarded by the College. Collaboration is encouraged on many assignments such as seminar assignments and homework. Tutors are available to assist you with this sort of work.

Exams are considered individual work and must be completed without unauthorized assistance of any kind, including help of other students, tutors, or notes. **All test material is to be turned in with the test paper. Attempting to bring work out of the testing area and/or share that work with other students is consider cheating.** Cheating on tests, misrepresentation of attendance, falsifying records, or lying will result, at a minimum, in loss of credit for all work involved.

A full copy of the college's academic integrity policy is in the school's catalog and in the student handbook.

## **How This Works:**

During lab-time, you will work on developing skills in MyMathLab. The content has been divided into a series of 9 modules. In order to complete MAT 090, you will need to complete or test out of all nine modules, complete four review assignments, and complete one or two exams. You will work on the modules one at a time. Once a module is completed you will begin the next module. Here is an example of how this works for Module 1.

**Take the Module Pre-Test**

If you feel that you already know the material in the module, you can take a pre-test to attempt to test-out of the module.

You should not spend excessive amounts of time preparing for the pre-test. You may only take the Pre-Test once.

**Waive the Module Pre-Test**

If you know you are unfamiliar with the content in a module, you can skip the pre-test and go straight to learning the material.

**Score 80 or Higher**

**Score Less Than 80**

**Work Through the Module**

Complete a series of assignments, including notes, homework, quizzes, and problem sets, to learn the material in the module.

**Take the Module Post-Test**

**Score 80 or Higher**

**Begin the Next Module**

You can choose to take or waive the Pre-Test for the next module.

**Score Less Than 80**

**More Test Preparation**

If you do not score 80% or higher on the post-test, your instructor will help you determine areas that need work and assign extra practice to be completed before you take the Post-Test again.

You do not have to pass all 9 modules in one semester. Within the first few weeks, the instructor will meet with you individually to develop a timeline. You must complete at least three modules per semester. At this pace, it would take you three semesters to complete MAT 090.

There will be two pencil and paper exams in MAT 090. One occurs after Module 4 and the other occurs after Module 9. If you have passed MAT 075 or if you pass all of the pre-tests for Modules 1 through 4, you do not have to take the exam after Module 4. Everyone will have to take the exam after Module 9.

### **Grading Policy:**

At the end of the semester you will receive an A, P, M, F, or N.

- A: This grade indicates that you have successfully completed or tested out of all 9 modules, you have completed the necessary exams and requirements of the course, and you have a satisfactory attendance grade. A grade of A in MAT 090 will allow you to register for any course with a MAT 095 prerequisite.
- P: This grade indicates that you are making progress but you have not yet successfully completed all 9 modules, exams, and requirements of the course. In order to receive a grade of P, you must successfully complete at least three modules and the associated requirements within the current semester, and have a satisfactory attendance grade. The final module completed must be 4 or greater. If you receive a P, you can register for MAT 090 next semester and continue on the module where you were last working. You also have the option of switching to the traditional style class MAT 095.
- M: This grade indicates that you are making progress but you have not yet successfully completed all 9 modules, exams, and requirements of the course. In order to receive a grade of M, you must successfully complete at least three modules and the associated requirements, and have a satisfactory attendance grade. If you receive an M, you can register for MAT 090 next semester and continue on the module where you were last working.
- F: This grade indicates that you did not successfully complete three modules and associated requirements of the course within the semester, or that you have an unsatisfactory attendance grade.
- N: This grade indicates that you did not complete at least 60% of the requirements for the class. If you miss more than 40% of class meetings, you may receive an N. If you complete fewer than 2 modules, you may receive an N.

### **Additional Resources:**

Contact the Instructor if you need additional assistance outside of class. The EA will also have open lab hours outside of class.

TASC (the combined Tutoring Center and Writing Center) is located in room. C-117. TASC provides free one-to-one or group tutoring in math as well as in many other subject areas. TASC also has textbooks (both old and current), videotapes, and many handouts available for student use.

One of your greatest resources is each other. I encourage you to get to know your classmates and exchange contact information.

### **Course Outcomes:**

- Recognize and articulate the fundamentals of numerical and algebraic reasoning
- Utilize inductive and deductive thought processes for creating algebraic expressions and applying theorems and algorithms
- Demonstrate effective communication with mathematical terms
- Develop and apply metacognitive, affective and academic behaviors
- Choose appropriate technology and representations to solve math problems

### **College Withdrawal Policy:**

You may withdraw from this class any time up to and including May 13 and you will receive a *W* grade on your transcript. However, you must complete a withdrawal form in the Registrar's Office at the time of withdrawal; if you merely stop attending classes you will be assigned a grade of *F* or *N*. Any eligibility for refund of tuition is based on the date that the registrar receives the withdrawal.

### **Disabilities Statement:**

Students with disabilities are guaranteed reasonable accommodation under the provisions of the Americans with Disabilities Act of 1992. Disclosure of a disability must be voluntary. Valid and reliable documentation to verify eligibility for accommodation is required and must be submitted to the Student Development Offices of Student Services. If you have accommodations documented through the Student Services office, please see me as soon as possible so arrangements can be made. If you would like more information or want to schedule a confidential meeting, please contact the Learning Specialist, Chris Scarborough, at 860-892-5751.

### **Class Cancellation:**

**If class is cancelled by the school**, pay attention to radio and TV announcements, call the college's main phone number 860-886-0177, or visit the college's home web page [www.trcc.commnet.edu](http://www.trcc.commnet.edu).

**If class is cancelled by the instructor**, a notice will be placed on the classroom door. If time permits, students may be notified by a message via email.

### **Computer Labs and Printing:**

Our classes will be held in room D219 which is a computer lab. The school does **NOT** allow food or beverages in any computer lab. Please do not bring any food or beverages into our classroom/computer lab.

**The student print quota** is in effect. Students have a quota of 500 pages per semester. All student printers will have restrictions as follows:

- Students can print up to 25 pages per job
- Students cannot print multiple copies of a document
- Students can print a document to review and reprint the document
- Students will see a window displayed on every print request, which tells them the number of pages they are about to print and gives them the option of canceling or printing.

Students will be responsible for keeping track of their printing. If they reach their quota, they will need to purchase additional pages.