

Marshall University

Course Title/Number	Mathematics Skills II - 099 section 205
Semester/Year	Spring 2014
Days/Time	11:00 - 11:50 MWF
Location	SH 416
Instructor	George Chappell, Jr.
Office	Smith Music 115
Phone	304 696-3986
E-Mail	chappell5@marshall.edu
Office/Hours	9:40-11:00 MF, 12:00-1:20 F
University Policies	By enrolling in this course, you agree to the University Policies listed below. Please read the full text of each policy by going to www.marshall.edu/academic-affairs and clicking on "Marshall University Policies." Or, you can access the policies directly by going to http://www.marshall.edu/academic-affairs/policies University Policies: Academic Dishonesty, Excused Absence Policy for Undergraduates, Computing Services Acceptable Use, Inclement Weather, Dead Week, Students with Disabilities, Academic Forgiveness, Academic Probation and Suspension, Academic Rights and Responsibilities of Students, Affirmative Action, Sexual Harassment

Course Description: From Catalog

The purpose of this course is to adequately prepare students with low placement test scores to take college level mathematics courses required in their program of study.

The table below shows the following relationships: How each student learning outcomes will be practiced and assessed in the course.

Course Student Learning Outcomes	How students will practice each outcome in this Course	How student achievement of each outcome will be assessed in this Course
Students will be able to categorize expressions versus equations, employing appropriate mathematical properties to demonstrate an understanding of linear	• In-class group work • On-line homework	• In-class Examination • Final Exam • On-Line homework

expressions and equations;		
Students will be able to employ appropriate mathematical properties to demonstrate an advanced understanding of the operations on and simplification of polynomial, rational, and radical expressions, including factoring;	• In-class group work • On-line homework	• In-class Examination • Final Exam • On-Line homework
Students will be able to articulate algebraic meanings for the solutions to linear, quadratic, rational, and radical equations, and also provide graphical representations for the solution(s) to linear equations;	• In-class group work • On-line homework	• In-class Examination • Final Exam • On-Line homework
Students will be able to assimilate information, individually or in a group, from a variety of sources to formulate successful study skills and problem solving strategies.	• In-class group work • On-line homework	• In-class Examination • Final Exam • On-Line homework
Students will		
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Students will		

Required Texts, Additional Reading, and Other Materials

1. ***Introductory Algebra 2nd Edition. 2009. Miller, O'Neil, Hyde.*** ISBN#: 9781259146350
2. **CONNECT MATH Access Code** - ISBN#: 9780077543785

Course Requirements / Due Dates

1. Section homework is due the Friday of the week following the day the material was covered.
2. Pre-test review homework is due at 11:00 AM of the day of that exam
3. Three tests are given, each are to be taken at their scheduled time unless the student has a university excuse.

Grading Policy

30% of the grade the grade will come from the final exam, and another 30% from the in class exams with the first exam weighted half as much as the other two. Both homework and inclass group work count for 20% each. After four unexcused absences 5% of the students final grade will be

Attendance Policy

Students are expected to come to every class though its understandable that life happens. As such a student may miss up to four class periods without an excuse and without direct consequences. In-class group work will be averaged out, and no points will be deducted for absences until after the fourth unexcused absence. After that the student will have a 5% reduction of his or her final grade for ever unexcused absence. Furthermore, certain life events, if verifiable, will be counted by me as an excused absence even if it isn't a university excused absence. These will be determined on a case by case basis.

Course Schedule

	Monday	Wednesday	Friday	Saturday
Week 1				
01/12 - 01/18	Syllabus Review R.1	Connect Math	R.2,1.1	
Week 2				
01/19 - 01/26	Labor Day No Class	1.2,1.3,1.4	1.4,1.5, 1.6	
Week 3				
02/02 - 02/08	2.1, 2.2, 2.3	2.4, 2.6, 2.8	3.1, 3.2	
Week 4				
02/09 - 02/15	3.3, 3.4	3.5, 3.6	3.7, 4.5	
Week 5				
02/16 - 02/22	Review for Exam 1	Exam 1 (Ch. 1-3)	5.1, 5.2	
Week 6				
02/23 - 03/01	5.3, 5.4	5.5, 5.6	5.7, 6.1	
Week 7				
03/02 - 03/08	6.2, 6.3	6.4	6.5	
Week 8				
03/09 - 03/15	6.7	Review for Exam 2	Exam 2 (Ch. 5-6)	
Week 9				
03/16 - 03/22	Spring Break - No class			
Week 10				
03/23 - 03/29	7.1, 7.2	7.3	7.3, 7.4	
Week 11				
03/30 - 04/05	7.4	7.6	Review Ch. 7	
Week 12				
04/06 - 04/12	8.1, 8.2	8.3	8.4, 8.5	
Week 13				
04/13 - 04/19	8.6	Review Ch. 8	9.1, 9.3	
Week 14				
04/20 - 04/26	7.6, 8.6	Review for Exam 3	Exam 3 (Ch. 7-9)	
Week 15				
04/27 - 05/03	Review for Final Make-up exams	5 Review for Final Make-up exams	Review for Final Make-up exams	Common Final Exam for MTH 099
Week 16				
12/8 - 12/14	FINAL EXAMS			

MTH 099 Syllabus: Mathematics Skills II - Fall 2013
MTH 099-205 CRN: 4666 MWF/11am Classroom: SH 416

FINAL EXAM: The MTH 099 Common Final Exam will be held on **Saturday, May 3rd at 2:00 pm** The instructor will announce the location.

Instructor: George Chappell	Office:	SM 115
Email: chappell5@marshall.edu	Office Hours:	9:40-11 MF
		12-1:20 F
		or by appointment

If I do not respond to your email within 36 hours please resend it. Also, let me know in class. There may be some lingering technical issues with my email from last semester that I'll need to iron out.

Phone: (304) 696-3986

Prerequisites: ACT 17 - 18 **OR** SAT equivalent **OR** successful completion of WMTH 001 or MTH 098.

Course Description: The purpose of this course is to prepare students with low placement test scores to take college level mathematics courses required in their program of study.

Note: This is a 3 hour course and will count toward full time enrollment status, but does not count toward graduation or GPA. A grade of **Credit** or **No Credit** will be assigned.

Learning Objectives: Students shall be able to:

- categorize expressions versus equations, employing appropriate mathematical properties to demonstrate an understanding of linear expressions and equations;
- employ appropriate mathematical properties to demonstrate an advanced understanding of the operations on and simplification of polynomial, rational, and radical expressions, including factoring;
- articulate algebraic meanings for the solutions to linear, quadratic, rational, and radical equations, and also provide graphical representations for the solution(s) to linear equations;
- assimilate information, individually or in a group, from a variety of sources to formulate successful study skills and problem solving strategies.

Required Materials:

TEXTBOOK COMPONENT:

- **Introductory Algebra 2nd Edition.** 2009. Miller, O'Neil, Hyde. ISBN#: 9781259146350

ONLINE COMPONENT:

- **CONNECT MATH Access Code** - ISBN#: 9780077543785

Each item may be purchased separately or both may be purchased under the following ISBN#: 9781259146367.

- **CONNECT MATH Course Code** - 9TVAK-VF4AM
- **CONNECT MATH Temporary Access Code (2 weeks)** - 2E880-D4118-8E5C5-D3DBA

CONNECT MATH: Connect is the online homework tool and access must be purchased to meet the requirements for the Connect portion of the course. Students are required to have access to a computer outside of class.

CALCULATOR: For in-class work a calculator is permitted, as well as on the final. However, on in-class exams, they are not. You are not to use a calculator of any kind on the in-class exams. Doing so will result in receiving no credit for the course, as well as being reported for academic dishonesty. Furthermore, for the final, a phone will not be allowed in place of a calculator.

Course Policies:

ATTENDANCE: It is expected that each student shows up on time and is prepared for class. Attendance is necessary for the successful completion of this course. A student may have an absence officially excused at The Office of Student Affairs, Memorial Student Center MSC 2W38. Any unexcused absence on the day of an exam will result in a score of zero for that exam. Additionally, having more than four unexcused absences will result in the removal of 5% of the possible points for a semester from your final grade for each further absence. Only an excused absence will warrant a make-up exam to be scheduled. In-class work cannot be made up, however will be averaged out so as to not hurt the student's grade.

MAKE-UP POLICY: If the student contacts the instructor within 3 days of returning and if the student arranges for the test to be taken within one week of that, that student may take the original exam. Otherwise other arrangements will be made. This may include taking a different exam, or a grade may be assigned based on other graded material. While not a guarantee, so long as it has been no more than one and a half weeks since an exam was given, students will be permitted to take the original exam.

OUTSIDE CLASSROOM REQUIREMENTS: Students will need to work at least 2-4 hours outside of class for every 1 hour spent in class, studying notes and the textbook, completing homework from the book, and completing assignments in Connect to meet the requirements of the course.

CLASSROOM ETIQUETTE: During class, electronic devices, such as cell phones, must be turned off and out of sight. Please make the instructor aware ahead of time if access to these devices is needed. If your phones rings turn it off. A second occurrence within a day will result in an absence. Additionally, the student's time is for class, and not for out of class activities. These activities include but are not limited to Facebooking, texting, playing games, or doing homework, regardless of whose class it is, while in class. Failure to comply will result in being marked absent, as the student's mind is clearly elsewhere.

DISRUPTIVE BEHAVIOR: The classroom is to be a learning environment for the student as well as his or her classmates. As such, disruptive behavior will not be tolerated. *Disruptive students will be asked to leave the room and marked as absent.* Students will be warned before hand, and than asked to leave. If you are having a problem with a student, please see the instructor.

TUTORING FACILITIES: Marshall University provides multiple options for free on-campus tutoring. The Mathematics Department tutoring lab is located in in Smith Music Hall 115. The University College has a tutoring lab on the first floor of Laidley Hall. *It is the student's responsibility to take advantage of these facilities in addition to utilizing office hours.*

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GRADE CALCULATION: Since there are multiple ways in which students learn, knowledge and understanding will be assessed with multiple tools. A student's grade is assessed by the number of points earned in each of the following categories:

Category	% of Grade	Points	<u>Credit:</u> 75% or higher overall <u>No Credit:</u> Less than 75% overall
In-Class Exams	30%	300 pts.	
Comprehensive Final Exam	30%	300 pts.	
Online Homework Tool	20%	200pts.	
In-Class Work	20%	200pts.	
Total:	100%	1000 pts.	

- **IN-CLASS EXAMS** will consist of selected problems which may include multiple choice, short answer, and fill-in-the-blank, and are to be completed without the use of a calculator or other similar device. Tests are to be taken on the day specified by the instructor, unless there is a university excuse, in

which case it is the students responsibility to inform the instructor as soon as possible. In the case of a known issue, such as an athletic event, this should be before the exam, where as in the case of illness the instructor should be notified no later than three days from returning to class. A make up time should then be arranged with the instructor within one week of that. Failure to do so may result in having to take a different test, or having the instructor average the test out. The exception to this is if that window overlaps with finals week, in which case the test must be made up during Dead Week. The first exam will be weighted less than subsequent in-class exams.

Note: Regardless of the type of test question or whether partial credit will be given, students are expected to show their work unless explicitly told otherwise. Furthermore, the work for a particular problem is to be clearly marked. If the instructor is unable to find the work for a given problem, than reduced credit will be given for that problem, potential to zero points.

- At the end of the semester students will complete a **COMPREHENSIVE FINAL EXAM** given to all MTH 099 students. This is a comprehensive exam covering all materials which may have been covered during the semester. It is administered in parallel with other sections of MTH 099 on Saturday 05/03/14 at 2:00pm. The students will be notified of the room in which they will be taking this exam later on in the semester. The exam itself will be Scranton. A calculator is allowed for this exam.
- **ONLINE HOMEWORK** will be assigned throughout the semester and is available via Connect Math, which is required for this course. This will consist of a combination of problem sets, as well as videos to be watched. These videos are for the benefit of the student and as such are grade as bonus problems which may compensate for up to 5% of your final grade. The problem sets are available immediately, and will remain open until they are due before Friday of the week following when the material was covered in class. Additionally, there will be a review homework due before the test which will open a week before the test.
- **IN-CLASS WORK** will be given daily during each class. The question for the day are problems from the book and is to be worked on in groups. You are to work through as many as possible. During the time allot for group work, must spend the time working on the problems. In the event of an excused absences, the grade for the day will be averaged out.
- There is a **SYLLABUS REVIEW** that students must complete before credit is given. The questions are taken directly from this syllabus.

Note: If I can't read your handwriting, I can't grade it. As such, illegible assignments will receive the highest possible grade that the instructor can discern with certainty. Additionally all work is to be submitted in either pencil or black or blue ink. If a student submits work in a color that is difficult to read, it won't be read. In such cases the student will get the *lowest* possible grade for submitting work, which may or may not be a zero.

Students are required to take the comprehensive final exam in order to pass the course.

Important Dates:

01/20/14

01/17/14

11/01/14

03/17/14 - 03/21/14

12/28/14 - 05/02/14

05/03/14

Martin Luther King Day - University Closed

Last day for schedule adjustments

Last Day to Drop a Full Semester Course

Spring Break - No Classes

Dead Week

MTH 099 Common Final Exam Day (2:00 p.m.)