DVMT 095: PRE-ALGEBRA MATHEMATICS
Syllabus for Spring 2016

Instructor: Mr. Justin Zimmermann **Email:** jczimmermann@frostburg.edu **Phone:** 301.687.3028
Office Locations: Dunkle 203 **Hours:** MWF 9:00 – 11:00 am & 2:00 – 4:00 pm | TR by appointment

SECTION	MEETING DAY/TIME	LOCATION	STUDENT INSTRUCTOR(S)
001	MON/WED/FRI 11:00 – 11:50 AM	DUNKLE 110	
002	MON/WED/FRI 1:00 – 1:50 PM	DUNKLE 110	

Text: (access provided by instructor) *Prealgebra* (fifth edition), by Margaret L. Lial & Diana L. Hestwood

Software: (access provided by instructor) **MyMathLab**

You will register with MyMathLab using temporary access during the first class session. This access lasts for 14 days. Your instructor will upgrade this access to permanent status shortly by **giving you an access code.**

Materials needed: 3-Ring Binder (or notebook) and pencil; in-class calculators provided by instructor.

www.pearsonmylab.com	
MyMathLab Username:	
MyMathLab Password:	

Purpose of Course:

To improve your pre-algebra skills in order to successfully complete level 1 math courses:
DVMT 100: Intermediate Algebra
MATH 104: Introduction to Mathematical Problem Solving
MATH 109: Elements of Applied Probability and Statistics

Overview:

This course is designed for students who have not successfully met the basic mathematics skill component when tested as incoming students. Students are automatically placed in this course and removed from other math courses until they pass DVMT 095. Students who successfully complete DVMT 095 course requirements will meet the basic standard in mathematics. **As outlined in the 2015-2017 University Catalog (page 42),** "You may not withdraw from [DVMT 095] unless you are withdrawing from the University. If you are unsuccessful, you must re-enroll in [DVMT 095] in your second semester, and in each subsequent semester until you receive a *P*… grade in the course."

Justin Zimmermann will be the primary instructor for all sections of DVMT. You will complete the majority of your coursework online using MyMathLab, where Justin has provided a variety of resources to help you with your online lessons such as videos, animations, and an online textbook.

Student Instructors help to oversee the computer lab classes each week which are scheduled to provide you with in-class time to work on online lessons. Your student instructors come from a variety of majors, and all have demonstrated a thorough knowledge of the material presented in this course. Please take advantage of the individual assistance provided to you during the in-class lab time.

Course Structure:

The content of the course is divided into three modules.

MODULE 1: Integers, Variables and Expressions, Equation Solving, and Fractions (Adding, Subtracting, Multiplying, Dividing, Reducing, Order of Operations, Estimated Mixed Fractions, Exponents, and Complex Fractions)
MODULE 2: Fractions (review), Decimals, Ratios and Rates, Proportions and Problem Solving, and Percent and its Applications
MODULE 3: Geometry (Perimeter, Area, Volume, Circles, Cylinders, and Surface Area), Measurement (U.S. and Metric), and Statistics (Central Tendency), and Graphing Linear Equations

Course Progression:

You will follow the course schedule outlined in this syllabus to complete approximately 1-2 lessons per week. Each module contains 4-8 individual lessons. Each lesson includes a homework set and a quiz. Assignments must be worked in their prescribed order, and there are required levels of performance on each.

You must earn **a minimum of 90%** on each **homework** assignment before moving on to the next lesson. You may attempt each homework problem a total of 5 times.

You must earn **a minimum of 80%** on each chapter **quiz**. Each quiz consists of ten questions and you will have an unlimited number of attempts to earn the required score.

Near the end of each module you will take an **online practice exam** to help you prepare for the actual module exam. You will have an unlimited number of attempts to complete this practice exam. This resource is available to you at all times with no required prerequisite. You must practice with this test until you earn an 80% in order to ensure that you are prepared to pass the exam.

At the conclusion of each module you will be given a module exam. ***NOTE: All online homework, quizzes, and practice exams must be completed within the module in order to be eligible to take an exam.*** Each module exam consists of 15-22 problems, is password protected, and must be proctored in the computer lab. You must earn **a minimum of 80%** on each **module exam** and on the **final exam**. If you score below the required 80% you may retake the exam upon completion of appropriate review material as determined by your instructor(s). You may continue to review activities within one module while also working on the next module to ensure that you do not fall too far behind schedule.

Grading Policy:

Your **OVERALL SCORE** will be determined by the following:

Category	Weight	Description	Minimum Score Requirements
Participation	5%	Attendance, Practice Exams, Classroom Activities	90%
Homework	5%	Online MyMathLab Homework	90%
Quizzes	5%	Online MyMathLab Quizzes	80%
Exams	85%	Exams are given approximately every five weeks.	80%

You must earn an 80% or higher on your overall score AND all exams in order to successfully complete this course!

Participation:

Participation is based on attendance, active participation during labs, and completion of practice exams. Attendance will be recorded at the beginning of each lab and will count toward your participation grade. Poor attendance will be detrimental to your overall score.

- ✓ You are expected to work on your HOMEWORK, QUIZZES, and EXAMS for this math class during lab. Please refrain from visiting other websites, using your cell phone, or working on assignments for other classes during your lab time. ***Students viewing websites other than www.pearsonmylab.com, using their cell phones, or working on assignments for other classes will be marked absent for the day.***
- ✓ If you *arrive late* or *leave early* you will be marked ***LATE*** and you will receive only half of the attendance credit for that class period.

Calculator Usage:

During class, students may only use the basic classroom calculators. Since no graphing, programmable, or scientific calculators (or cell phones) are permitted during testing, students should use basic calculators during their practice and study.

Grading Criteria:

This course is graded *P*/*NC* or *F*. A grade of *NC* (no credit) may be used in place of *F* if the requirements listed below are met. You must earn a grade of *P* to move on to a Math Level 1 course.

To earn a grade of…	…You must meet all of the following:
P	Successfully complete all three Modules earning above 80% on each module exam Overall score between 80 – 100%
NC (No Credit: Not Passing)	Did not successfully complete one or more modules and/or did not pass the final **Have earned 90% or above for overall attendance** *(missed no more than 4 classes)* Successfully completed assigned online lessons, seeking help when needed Have earned less than 60 credits overall as a student
F (Fail)	Did not successfully complete one or more modules **Have earned below 90% for overall attendance** *(missed more than 4 classes)* Did not successfully complete assigned online lessons or take advantage of free tutoring opportunities

Please note, this course offers 3 institutional credits, which do not count toward graduation. Please be advised that a 3-credit *F* will lower your GPA.

Testing out of Course:

All students will be given an opportunity to take Course Diagnostic Pretest during the first week of classes. A student earning an 80% or higher on this pretest will pass out of the class and complete course requirements. This online test is only given once.

Computer Responsibility:

Each student is responsible for his/her workstation and log-on passwords. Please report any damaged or missing equipment to your instructor. A hold may be placed on your account if you cause damage to lab computers.

Academic Dishonesty:

Any instance of academic dishonesty will result in a failing grade for this course and may result in additional disciplinary action. See *Policy Statements* at http://www.frostburg.edu/fsu/assets/File/Administration/policies/policystatements.pdf for a description of disruptive student behavior and its consequences.

Beyond the Classroom:

The online aspect of this course is available anywhere that the Internet can be accessed. You will find this to be highly advantageous to your overall course completion if you work on the course outside of class time. Other techniques of success that may be helpful include asking questions and having the determination to do well. Additional help is not only offered in class but also in scheduled appointments with the Instructor or tutors in the Tutoring Center, 151 Pullen Hall. This course is designed for the students' success, not only in DVMT 095 but also in future math studies.

Reporting of Child Abuse:

Please be aware that according to state law in Maryland, educators are required to report current and past child abuse and neglect even when the former victim is now an adult and even when the former alleged abuser is deceased. If you disclose current or past abuse/neglect in class, in papers, or to me personally, I am required by law to report it. Please see me if you are interested in more information about this law.

DVMT 095 - Pre-algebra
Spring 2016 Course Schedule

SUN	MON	TUE	WED	THU	FRI	SAT
JANUARY						
24	25	26	27	28	29 Syllabus Review MML Orientation	30
FEBRUARY						
31	1 Course Pretest #1 HW	2	3 #1 Quiz	4	5 #2 HW	6
7	8 #2 Quiz	9	10 #3 HW	11	12 #3 Quiz	13
14	15 #4 HW	16	17 #4 Quiz	18	19 #5 HW	20
21	22 #5 Quiz	23	24 #6 HW	25	26 #6 Quiz	27
MARCH						
28	29 Practice for Exam	1	2 Module 1 Exam	3	4 #7 HW	5
6	7 #7 Quiz	8	9 #8 HW	10	11 #8 Quiz	12
13	14	15	16	17	18	19
	SPRING BREAK - No classes					
20	21 # 9 HW	22	23 #9 Quiz	24	25 #10 HW	26
APRIL						
27	28 #10 Quiz	29	30 #11 HW	31	1 #11 Quiz	2
3	4 Practice for Exam	5	6 Module 2 Exam	7	8 #12 HW	9
10	11 #12 Quiz	12	13 #13 HW	14	15 #13 Quiz	16
17	18 #14 HW	19	20 #14 Quiz	21	22 #15 HW	23
24	25 #15 Quiz	26	27 Practice for Exam	28	29 Module 3 Exam	30
MAY						
1	2 #16 HW	3	4 #16 HW	5	6 Practice for Final	7
8	9 Practice Final Results	10	11 Reading Day	12 **FINAL EXAM** for 1:00 Lab **2:30-5:00 pm**	13	14
15	16 **FINAL EXAM** for 11:00 Lab **2:30-5:00 pm**	17	18	19	20	21