DEVELOPMENTAL MATHEMATICS
DMAT-0310-63432
Spring 2017
03/20/17 – 05/11/17

Professor: Dr. John Payne
Email: jpayne@dcccd.edu
Office Phone Number: 214.860.8774
Office Number: W213
Office Hours: M-F 0800-0900
Meeting Days & Times: Online
Room Number: Online
Credit Hours: 3 Semester Hours

Division: Science, Technology, Engineering, and Mathematics
Office Hours: M – F 8:00 am – 5:00 pm Office Phone: 214-860-8760 Office Number: W147

Course Description:
This course is a study of relations and functions with special emphasis on linear and quadratic expressions and equations, including complex solutions. Also covered are absolute value, polynomial, radical and rational expressions and equations, and linear and absolute value inequalities.

Course Pre-requisites:
An appropriate assessment test score or DMAT 0305 is required.

Communication with your Instructor:
Instructor/Student communications will be conducted via email. Your email address must be current and may be updated by following the instructions located under the “Start Here” link on the eCampus course menu. Click the “Personal Information on eCampus and Email Protocol” link. Also, read and follow the instructions under “Sending an Email”. You must include your name, the course number and section number in the body of the email.

Course Materials Needed:
MyMathLab:
MyMathLab is required for this course. MyMathLab will be referred to in this syllabus as MML
Textbook:
There is an eBook included with MML. It works well on an iPad or similar device. (Printed book is optional.)
BEGINNING & INTERMEDIATE ALGEBRA, by Lial, Hornsby, & McGinnis, 6th edition. For a complete list of options, select Textbook on the eCampus course menu.

MML Access Code and Registration Information:
The information necessary to register with MML is on the last page of this syllabus.

Textbooks, MML Access Codes and Financial Aid:
When you registered for this course you knew that there would be financial obligations related to tuition and the purchase of the necessary materials. I expect you to acquire your course materials no later than the end of the first week of class. I understand that some of you will need the assistance of financial aid and that the financial aid...
may not be prompt in arriving. Pearson Publishing allows students a 14-day free access period. Prior to the end of the 14-day free access period you must purchase and register a valid access code, else the work you have completed will be lost. MML contains an online textbook. It is found in the Multimedia section of the course. Since the textbook and assignments will be available to you beginning on the day you register with MML failure to complete the work by the deadlines is inexcusable. Also, because you now know this, there is no excuse for not securing the necessary funds to purchase the access code by the end of the 14-day period. Once you receive your financial aid you can resupply the source from which you acquired the funds to purchase the materials.

Trouble Accessing MML:
If you have technical or operational trouble with MML, contact the MML Help Desk at 800.677.6337. Technical problems with the MML website must be resolved through Pearson Publishing. Inform me of issues requiring multiple attempts to correct.

Orientation Exercises:
I suggest that you complete the Answering Orientation Exercises in the Study Plan portion of the course found in MML. The orientation shows you how to enter answers into the software when doing the course activities. The Answering Orientation Exercise should initially be the only item accessible in the Study Plan.

Student Learning Outcomes
Upon successful completion of this course, students will:
1. Define, represent, and perform operations on real and complex numbers.
2. Recognize, understand, and analyze features of a function.
3. Recognize and use algebraic (field) properties, concepts, procedures (including factoring), and algorithms to combine, transform, and evaluate absolute value, polynomial, radical, and rational expressions.
4. Identify and solve absolute value, polynomial, radical, and rational equations.
5. Identify and solve absolute value and linear inequalities.
7. Connect and use multiple strands of mathematics in situations and problems, as well as in the study of other disciplines.

Course Outline:

<table>
<thead>
<tr>
<th>Chapter</th>
<th>Title</th>
<th>Sections</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chapter 6</td>
<td>Rational Expressions and Applications</td>
<td>1, 2, 3, 4, 6, 7</td>
</tr>
<tr>
<td>Chapter 7</td>
<td>Graphs, Linear Equations, and Functions</td>
<td>1, 2</td>
</tr>
<tr>
<td>Chapter 8</td>
<td>Inequalities and Absolute Value</td>
<td>1, 2, 3</td>
</tr>
<tr>
<td>Chapter 9</td>
<td>Relations and Functions</td>
<td>1, 2, 3</td>
</tr>
<tr>
<td>Chapter 10</td>
<td>Roots, Radicals, and Root Functions</td>
<td>1, 2, 3, 4, 5, 6, 7</td>
</tr>
<tr>
<td>Chapter 11</td>
<td>Quadratic Equations, Inequalities, and Functions</td>
<td>1, 2, 3</td>
</tr>
<tr>
<td>Final Exam</td>
<td>Comprehensive</td>
<td>All</td>
</tr>
</tbody>
</table>

Attention!
If it has been a semester or longer since you took DMAT 0305 or if you never took DMAT 0305, I highly recommend a complete review of the material contained in Chapters 4 and 5. Homework, practice quizzes, and tests have been provided to cover these chapters. These are not mandatory and are not part of your grade but will improve your success in DMAT 0310 markedly.

Attendance Policy:
This course is offered 100% online and each class participant is responsible for studying the material as presented in the textbook as well as in MML and, if available, other materials provided by your instructor. Although this course requires no physical class attendance there is an attendance requirement, which is discussed below in the section entitled Financial Aid Certification.

Financial Aid Certification:
You must participate in the class by 03/25/17. Failure to participate will result in forfeiture of financial aid. Participation is defined as sending me an email stating that you are enrolled in this course.
Deadlines:
All work in this course must be completed by the end of the day on 05/11/17.

Deadline Extension Policy:
An extension of the deadline in this course, if warranted, will be given by the award of an Incomplete Grade Contract. (See below.)

Incomplete Grade Contracts:
Your inability to complete the work in the course due to situations involving extreme illness or circumstances beyond your control may make you eligible for an Incomplete Grade Contract. You must request an Incomplete Grade Contract and show cause why you should receive an incomplete grade no later than 05/05/17. The circumstances preventing you from completing the course must have commenced after 04/29/17. Documentary evidence of the circumstances preventing you from completing the course must be submitted with the request.

Tests:
There are four computer-based tests, three chapter tests and a comprehensive final exam in this course. These will be completed using MML. You will be allowed 2 attempts on each test including the final exam. The grade from the most recent attempt will apply. The following table lists the chapters covered on each test.

<table>
<thead>
<tr>
<th>Test</th>
<th>Chapters Covered</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>6, 7</td>
</tr>
<tr>
<td>2</td>
<td>8, 9</td>
</tr>
<tr>
<td>3</td>
<td>10, 11</td>
</tr>
<tr>
<td>Final Exam</td>
<td>Comprehensive</td>
</tr>
</tbody>
</table>

Homework and Quizzes:
There are 6 homework assignments and 6 quizzes, one for each chapter covered. These are not required but may be completed for extra credit. Quizzes may be taken as many times as you wish.

The scores on all quizzes and tests will be combined and averaged. 100% average earns 5 points, 90% earns 4 points, 80% earns 3 points, 70% earns 2 points, and 60% earns 1 point. Below 60% earns 0 points. Extra credit points are added to the semester test average.

Semester Grade Calculation:
The lowest of the 4 test scores will be dropped. Your grade will be based on the simple average of the remaining three test scores. The final exam is optional if you are satisfied with the average of the first three tests.

Grading Scale:
A = 90-100, B = 80-89, C = 70-79, *E = 60-69, F = 59 or less
(*The grade of D is not permitted in development math courses.)

Posting of Grades:
eCampus is the official grade repository of the DCCCD. Your grades will be transferred from MML to eCampus periodically throughout the semester. A final posting and accuracy check will occur at the end of the semester. The grades are retained in MML as well. You will be able to track your progress in the course by referring to the test average in MML or referring to the grades in eCampus, determining your standing based on the stated grading scale.

Tutoring:
If you live close to one of the DCCCD colleges, you may be able to obtain help from a math tutor at that college. Links to the websites of each college’s tutoring resources are found on the Start Here page of your eCampus course.

Disclaimer Reserving Right to Change Syllabus:
I reserve the right to amend this syllabus as necessary.
College Calendar: 2016 - 2017

All official college dates are listed on the college calendar. The college calendar is available on the Mountain View College website at https://www1.dcccd.edu/catalog/ss/academic_calendar.cfm?loc=MVC. Follow the link and click Academic Calendar.

Last Day to Officially Withdraw from the Course:
The last day to officially withdraw from the course and receive the grade of “W” is 04/29/17.

Academic Dishonesty:
Students that caught plagiarizing an assignment will be subject to an “F” in the course and possible expulsion from the college. Academic honesty is expected, and integrity is valued in the Dallas County Community Colleges. Scholastic dishonesty is a violation of the Code of Student Conduct. Scholastic dishonesty includes, but is not limited to, cheating on a test, plagiarism, and collusion. As a college student, you are considered a responsible adult. Your enrollment indicates acceptance of the DCCCD Code of Student Conduct published in the DCCCD Catalog. More information is available at https://www1.dcccd.edu/catalog/ss/code.cfm.

Institution Policies:
Go to eCampus and select Institutional Policies for a complete list of institutional policies (Stop Before You Drop; Withdrawal Policy; Repeating a Course; Financial Aid; Academic Dishonesty; Americans with Disabilities Act Statement; Religious Holidays; and Campus Emergency Operation Plan and Contingency Plan).

eCampus Help:
eCampus is the Internet based information dissemination system and grade repository maintained by the Dallas County Community College District for use by instructors and students participating in classroom and online activities. Occasionally technical issues arise with the use of eCampus and solutions to these should be requested from the support staff at the eCampus Help Desk. The support staff may be reached online or by phone at 972-669-6402 (out of Dallas call 1-866-374-7169). Email the following number to your instructor to obtain 10 extra points on your lowest test grade: 1081160. To receive credit, you must follow the email protocol precisely.

Maintain a Copy of this Syllabus:
Print a copy of this syllabus and retain it throughout the semester. It may be wise to keep it until you have completed your college career as transferring credits to another college or university may require an evaluation of this syllabus.
To register for 20017SP-DMAT-0310-63432:

2. Under Register, select Student.
3. Confirm you have the information needed, then select OK! Register now.
4. Enter your instructor’s course ID: payne15494, and Continue.
5. Enter your existing Pearson account username and password to Sign In.
   You have an account if you have ever used a Pearson MyLab & Mastering product, such as MyMathLab, MyITLab, MySpanishLab, MasteringBiology or MasteringPhysics.
   ▶ If you don’t have an account, select Create and complete the required fields.
6. Select an access option.
   ▶ Enter the access code that came with your textbook or was purchased separately from the bookstore.
   ▶ Buy access using a credit card or PayPal account.
   ▶ If available, get temporary access by selecting the link near the bottom of the page.
7. From the You’re Done! page, select Go To My Courses.
8. On the My Courses page, select the course name 20017SP-DMAT-0310-63432 to start your work.

To sign in later:
2. Select Sign In.
3. Enter your Pearson account username and password, and Sign In.
4. Select the course name 20017SP-DMAT-0310-63432 to start your work.

To upgrade temporary access to full access:
2. Select Sign In.
3. Enter your Pearson account username and password, and Sign In.
4. Select Upgrade access for 20017SP-DMAT-0310-63432.
5. Enter an access code or buy access with a credit card or PayPal account.