INTERMEDIATE ALGEBRA
DMAT 0310  Section 66001
Summer II 2017
7/11/17 – 8/10/17

Professor: R. H. Arganbright
Email: HArganbright@dcccd.edu
Text: 214 797 9233

Meeting Days & Time: Monday thru Thursday; 8:00 am- 10:00 am

Room Number: W175
Credit Hours: 3 credit hours

Division: STEM (Science, Technology, Engineering, and Math)
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.

Course Materials/Supplies Needed
BEGINNING & INTERMEDIATE ALGEBRA, by Lial, Hornsby, & McGinnis, 6th edition
(ISBN#9780321969255)
(OPTIONAL) BEGINNING & INTERMEDIATE ALGEBRA SOLUTION MANUAL (ISBN# 9780321199911)

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:
Chapter 6       Rational Expressions and Applications
Chapter 7       Graphs, Linear Equations, and Functions
Chapter 8       Inequalities and Absolute Value
Chapter 9       Relations and Functions
Chapter 10      Roots, Radicals, and Root Functions
Chapter 11      Quadratic Equations, Inequalities, and Functions

Evaluation Procedures:
4 tests @ 20% each = 80%
Attendance = 10%
Homework = 10%

Instructor Attendance Policy:
Students are expected to attend all classes. Students have the responsibility to attend class and to consult with the instructor when an absence occurs. If for some reason you must leave class early, you should inform the instructor prior to the start of class of your reason for leaving early.

Students must begin attendance in all classes of enrollment. No exceptions. Financial Aid will not be granted to students who have been certified as not attending, by the certification date. For this lecture course, your physical participation in class, on or before the certification date will allow you to receive credit for FA purposes. For certification dates, check with the division or FAO for further information. Students, who are not certified as beginning class, are responsible for any payments due as a result of non-certification, to include the dropping of courses.

Grading Scale:
A= 90 – 100%
B= 80 – 89%
C= 70 – 79%
F= below 70%

Late Work Policy:
Late work is accepted at the discretion of the instructor.

Makeup Exam Policy:
Makeup tests are at the discretion of the instructor.

Electronic Devices:
Students are expected to turn off all cell phones, electronic devices and pagers during class time.

The withdraw date for this class is August 3, 2017.
**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](https://www1.dcccd.edu/catalog/ss/code.cfm).*

**Institution Policies:** Please visit [http://www.mountainviewcollege.edu/Academics/Documents/Institutional%20Policies.pdf](http://www.mountainviewcollege.edu/Academics/Documents/Institutional%20Policies.pdf) 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.).

**DCCCD OIE Faculty Syllabi Statement- FALL 2016**
The Office of Institutional Equity, in coordination with DCCCD colleges, has the primary responsibility for reviewing, updating and implementing compliance policies and procedures. The Institutional Equity and Compliance Officer and the Office of Institutional Equity will ensure compliance with College District policies, federal and state laws related to sexual assault, Title IX, Title II (Americans with Disabilities Act) and the Military Veterans Full Employment Act to support diversity and inclusion.

Students with Disabilities: If you are a student with a disability and/or special needs, or if you think you may have a disability, please contact the college Disability Services Office (DSO). Please note that all communication with DSO is confidential. If you are eligible for accommodations, please provide or request that the DSO send your accommodation letter to me as soon as possible (students are encouraged to contact DSO at the beginning of the semester). For more information regarding the College Disability Services Office, please visit the Student Services website: dcccd.edu/DSO Offices or contact DCCCD Office of Institutional Equity at (214) 378-1633.

College Disability Services Offices
Brookhaven 972-860-4673
Cedar Valley 972-860-8119
Eastfield 972-860-8348
El Centro 214-860-2411
Mountain View 214-860-8677
North Lake 972-273-3165
Richland 972-238-6180

A Note on Harassment, Discrimination and Sexual Misconduct
We are committed to assure all community members learn and work in a welcoming and inclusive environment. Title VII, Title IX and DCCCD policy prohibit harassment, discrimination and sexual misconduct. If you encounter harassment, sexual misconduct (sexual harassment, sexual assault, stalking, relationship violence, stalking), retaliation or discrimination based on race, color, religion, age, national origin, disability, sex, sexual orientation, gender identity, and/or gender expression, please contact your College Title IX Coordinator or the Office of Institutional Equity. We treat this information with the
greatest degree of confidentiality possible while also ensuring student welfare and college safety.

We are concerned about the well-being and development of our students, and are available to discuss any concerns. There are both confidential and non-confidential resources and reporting options available to you. If students wish to keep the information confidential, please contact the college Counseling or Student Health Services. As required by DCCCD policy, incidents of discrimination and/or sexual misconduct shared with faculty will be reported to the College Title IX Coordinator or District Title IX Coordinator. The Title IX Coordinator will contact the student and determine if further investigation is needed. For more information about policies, resources or reporting options, please contact your college Title IX Coordinator or visit www.dcccd.edu/titleIX.

College Title IX Coordinators
Brookhaven Terri Edrich TitleIX-BHC@dcccd.edu 972-860-4825
Cedar Valley Grenna Rollings TitleIX-CVC@dcccd.edu 972-860-8181
Eastfield Rachel Wolf TitleIX-EFC@dcccd.edu 972-860-7358
El Centro Shanee’ Moore TitleIX-ECC@dcccd.edu 214-860-2138
Mountain View Regina Garner TitleIX-MVC@dcccd.edu 214-860-8561
North Lake Rosemary Meredith(acting) TitleIX-NLC@dcccd.edu 972-860-3992
Richland Bill Dial TitleIX-RLC@dcccd.edu 972-238-6386
Dallas Colleges Online Le’Kendra Higgs TitleIX-LEC@dcccd.edu 972-669-6672

District Title IX Coordinator Office of Institutional Equity LaShawn Grant TitleIX-District@dcccd.edu 214-378-1633