COURSE SYLLABUS
MAT0028/0028L Mathematics (Elementary Algebra) and Lab

Department Information
Home Page: http://www.daytonastate.edu/CampusDirectory/deptInfo.jsp?dept=MAT
Location: Building 500, Room 135
Phone: 386.506.3695 or 386.506.3520
Fax: 386.506.3036

Course: MAT0028 Elementary Algebra (Mathematics II)

Credit: 4 College Preparatory credits (This course cannot be used toward A.A., A.A.S, or A.S. degree requirements)

Prerequisite: Placement through Daytona State College placement test or passed MAT0018 with grades “C” or better or permission of chairperson.

Concurrent Requisite: MAT0028L.

Course Description: Topics include: An introduction to algebra: a review of basic operations of real numbers, solving linear equations containing parentheses, fractions, and decimals, graphing linear equations in two variables, polynomials and properties of exponents and factoring. MAT 0028 cannot be used toward A.A., A.A.S or A.S. degree requirements. (Prerequisite: Placement through the Daytona State College placement test or MAT 00018/0018L with grade of "C" or better. Concurrent Requisite: MAT 0028L.) Lab Fee for MAT 0028L: $72.

Required Materials: Elementary Algebra, provided on your Falcon Online page

Only four-function calculators are permitted for use in this course.

Check with course’s instructor about details of scantron for exams.

STUDENT LEARNING OUTCOMES:

After successful completion of this course, the student will be able to:

1. Translate between phrases written in English and equivalent expressions written in symbols.
2. Apply the order of operations agreement to computations.
3. Add, subtract, multiply and divide rational numbers.
4. Identify and apply the associative, commutative, and distributive properties.
5. Identify the additive and multiplicative identity and inverse elements.
6. Identify and compute the slope of a line.
7. Find the value of an expression for a given value of its variable.
8. Solve linear equations and inequalities in one variable.

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9. Solve word problems whose solution is found from a linear equation or a linear inequality in one variable.
10. Find ordered pairs that are solutions to linear equations in two variables.
11. Graph linear equation in two variables.
12. Solve linear equations in two variables; identify solutions as consistent or inconsistent.
    Identify systems as dependent or independent.
13. Use the definition of integer exponents to evaluate expressions containing exponents.
14. Simplify polynomials, divide, multiply, add or subtract polynomials and to list terms in descending order.
15. Factor the greatest common factor from a polynomial.
16. Factor a trinomial, the difference of two squares, sum/difference of cubes and a perfect square trinomial.
17. Factor a polynomial by first factoring out the greatest common factor and then factoring the polynomial that remains.
18. Solve a quadratic equation by factoring.

**Class Expectations:** The Daytona State College School of Mathematics believes students can learn math if they spend time practicing their math skills by doing their homework. This course will allow students to practice their math skills during class. Students will complete a significant amount of homework in class and learn the concepts of mathematics with an instructor who will assist students when needed.

This course meets four times a week for daytime courses and two days a week for evening courses. An in-class assignment will be handed in at the end of each class period. Student's will receive a grade of 0 – 100% depending on the amount of work the student has completed correctly for the day.

**MAT002 Lab:** All students are required to register for a MAT002 Lab class. The lab component is essential to student success and work completed in the lab counts for 20% of the grade. Failure to complete all labs may result in failure in the course. Please note: the grade you receive in the course will also be the same grade you will receive in the lab. The grade for your lab work is as follows:

- Completion of 6 modules - 20 points (100%)
- Completion of 5 modules - 16 points (80%)
- Completion of 4 modules - 12 points (60%)
- Completion of 3 modules - 8 points (40%)
- Completion of <3 modules - 0 points (0%)

Due dates for each module will be provided by your instructor.

**Cell phones:** The use of watches, beepers, cell phones, MP3 players, iPods, laptops, and other electronic devices is a distraction. Please ensure that all electronic devices are off (or in silent mode). If an emergency arises, please be courteous to your fellow students and leave quietly. Under no circumstance should any of the electronic devices listed above be used during any classroom assessment.

**Attendance:** You are expected to arrive on time to class. Attend to your needs before entering the room. Students who come late or leave during class are a distraction to both the instructor and other students. Experience has shown that there is a high correlation between regular class attendance, punctuality, and good grades. Therefore, it is expected that you will attend all classes. Note that, after three absences, if you miss class for any reason, you will receive a zero for that particular day’s in-class assignment unless
your instructor has approved the absence. If you are absent, you are responsible for knowing the material that you have missed.

**Missed Assignments and Tests:** Students are allowed to make up three missed in-class assignments without penalty. More than three make-ups are only allowed if your instructor feels it is warranted due to the situation. Without approval from your instructor, after three absences you will receive a zero for that particular day’s in-class assignment and no make-up will be allowed. If you miss a midterm and/or final exam, please see your instructor. In some cases, a make-up exam is warranted. However, a make-up exam is not guaranteed. In order to make-up your midterm and/or final exam, reasonable documentation (at the discretion of the instructor) is required. If you are absent, you are responsible for knowing all that you have missed.

**How to proceed through the course:** Students should plan to have three hours of study time per week for each credit hour of class time. For example, when taking a typical 3 credit hour course, students should plan to spend at least 9 hours per week doing coursework and studying for that course regardless of the mode of delivery (online, hybrid, face-to-face).

**Grading Policy:** Grades will be determined as follows:

<table>
<thead>
<tr>
<th>Assignment</th>
<th>Percentage of grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>In-class assignments</td>
<td>30%</td>
</tr>
<tr>
<td>Lab exercises</td>
<td>20%</td>
</tr>
<tr>
<td>Midterm</td>
<td>20%</td>
</tr>
<tr>
<td>Final review packet</td>
<td>10%</td>
</tr>
<tr>
<td>Final exam</td>
<td>20%</td>
</tr>
</tbody>
</table>

**Final Exam Review Packet:** This packet will be cumulative and assigned one week before the final. Your instructor will grade and go over it during the final exam review.

**Final Exam:** A cumulative final exam will be given the last day of class. No exams will be given early. A scantron is required.

**Grading Scale and Policy:**
For more detail on the course grading policy and procedure, you must contact the course’s specific instructor.

- 90 – 100% A
- 85 – 89% B+
- 80 – 84% B
- 70 – 79% C
- 60 – 69% D
- 59% - below F

**Grades:** Students may access their final grades by logging onto www.DaytonaState.edu and clicking on FalconNet.
Grade for Non-Attendance: A student may receive a grade of “FN” for non-attendance when they stop attending class anytime during the semester without officially withdrawing. An “FN” for non-attendance may result in the student having to repay a portion of their financial aid money. For further information, visit the Financial Aid Department website or call them at 386.506.3311.

Withdrawal Process: Students can withdraw from this class prior to the date listed in the Academic Calendar. It is not necessary to have approval from the instructor to withdraw from the course, but you should discuss the situation with the instructor prior to any action. Many times your issues and concerns can be resolved with communication. Also check with the Office of Financial Aid to determine how this withdrawal might affect your current and future aid eligibility. Please review Refund/Repayment Policy and also check with the Office of Financial Aid to determine how this withdrawal might affect your current and future aid eligibility. If the decision has been made to withdraw, you should:

1. Go to MyDaytonaState.edu and log in
2. Click on FalconNet in the menu bar
3. Using the left hand menu, click on Registration
4. Click on Class Registration link
5. Read the message about tuition payment and then scroll down to acknowledge the information
6. Click on the Continue button
7. Select the current term you and year
8. Click on the Registration button
9. Select the course you want to withdraw from by clicking in the radio button; then click the Drop Course button

Audit: Auditing a course means that you wish to attend the classes, but do not wish to receive a grade. It is school policy that no audit will be approved after the drop/add period has ended.

Incomplete Grade: A grade of “I” will only be given at the end of this course when the instructor deems that the student has satisfied each of the following:

1. Has completed a minimum of 75% of the course work and made every effort to pass the course which includes having a record of good class attendance;
2. Has provided the instructor with a legitimate and documented reason for not being able to complete the course work by the end of the semester;
3. Has requested in writing from the instructor a grade of "I" prior to the last class period of the semester;
4. Has a mathematical chance to pass the course.

A grade of “I” is only intended for students with unforeseeable circumstances which will result in them not being able to complete the course during the current semester.

Veterans: If you are currently serving or have ever served in the U.S. Military, please feel free to visit the Veterans Center in the Lenholt Student Center (Bldg. 130, room 124) or call them at 386.506.3065.

Students with Disabilities: If you need academic accommodations such as private testing, interpreters, note takers, etc., you must give your instructor a current letter from Student Disabled Services (SDS) that verifies that you need specific accommodations. Please make an appointment with your instructor as soon as possible to discuss the accommodations. See the Daytona State SDS website for more information
http://www.daytonastate.edu/sds/ or see the Student Handbook at http://www.daytonastate.edu/current.html.

Safety on Campus: Daytona State College has partnered with Rave Mobile Safety to provide Rave Alert, an emergency alert system that can deliver text and voice messages to your cell phone and voice messages to your home phone, as well as email messages to your FalconMail account or personal email account of your choosing. Daytona State College Rave Alert is also capable of posting emergency messages to the College's official Facebook and Twitter accounts and to the Falcon Central page. Check your FalconMail after you register for information on accessing and updating your free Daytona State College Rave Alert account. You can also visit https://www.getrave.com/login/daytonastate. In addition, the first few weeks of class you should note the door exits and stairwell locations in case of emergency situations. For more information concerning campus safety, go to http://www.daytonastate.edu/campus_safety/.

Student Rights & Responsibilities: See the Student Handbook. Daytona State College is committed to providing you with quality instruction, guidance, and opportunities for academic and career success by fostering academic excellence in a supportive and personalized learning environment. Maintaining high standards of academic honesty and integrity in higher education is a shared responsibility and an excellent foundation for assisting you in making honorable and ethical contributions to the profession for which you are preparing. In order to preserve academic excellence and integrity, the College expects you to know, understand, and comply with the Academic Integrity Policy, which prohibits academic dishonesty in any form, including, but not limited to, cheating and plagiarism. Grades conferred by instructors are intended to be, and must be, accurate and true reflections of the coursework actually produced and submitted by you. All cases of suspected violations of the Student Code of Conduct, including academic dishonesty, are reported to the Judicial Affairs Office for resolution.

Forms of Academic Dishonesty
Cheating: Cheating can be defined as: receiving or giving unauthorized assistance on a quiz, test, exam, paper, or project or unauthorized use of materials to complete such; collaborating with another person(s) without authorization on a quiz, test, exam, paper, or project; taking a quiz, test, or exam for someone else or allowing someone else to do the same for you.

Plagiarism: Plagiarism can be defined as: submitting work in which words, facts, or ideas from another source are used without acknowledging that the material is borrowed whether from a published or unpublished source. For specific information on how to document information from other sources, students should check with their instructors, academic departments, or a recognized writing manual, such as MLA or APA.

Online Academic Integrity Violations: These violations include, but are not limited to the following: sharing your Falcon Online password, working on an assignment with someone else when it is supposed to be done on your own, looking at someone else’s work while taking a quiz or exam, using a cell phone to share quiz or exam information, revising a paper that was found on the Internet, or submitting a paper purchased form a website.

Fabrication: Fabrication can be defined as: listing sources in a bibliography that one did not actually use in a written assignment; presenting false, invented, or fictitious data/evidence in a written assignment.
Other Academic Misconduct: Other Academic Misconduct might include, but is not limited to:

- In a testing situation, conduct, such as, looking at a classmate's test, talking to a classmate, or leaving the classroom without the instructor's or proctor's permission.
- Obtaining help while taking online tests or quizzes in the form of another person consultation, Googling for answers, texting, or using other social media.
- Obtaining part or all of a test by theft/purchase, OR selling /giving part of all of a test to someone else.
- Soliciting someone to impersonate you online or in a classroom setting.
- Entering an office or building for the purpose of changing a grade on a test, assignment, or in a grade book or for the purpose of obtaining a test.
- Altering or attempting to alter academic records of the College which relate to grades; being an accessory to same.

Honor Pledge: I, as a member of the DSC community, pledge that I will neither give nor receive unauthorized aid in my work nor will I present another’s work as my own, nor will I tolerate anyone who does. For more information on academic integrity, view Honor Code.

College Network Acceptable Use Policy: The purpose of this policy is to outline the acceptable use of the network and resources provided by Daytona State College and to establish a culture of openness, trust, and integrity. Please make yourself very aware of this policy by clicking these two links:

- Terms of Use
- Falcon Online User Expectations

Academic Support Services – The Division of Library and Academic Support provides the following free services to students.

Academic Support Center: The Academic Support Center (ASC) assists students to achieve their potential by providing the resources they need to become successful, independent learners. ASC centers are available on all campuses providing academic support in the form of tutoring, learning sessions, instructor assistance, supplemental instruction and various workshops. For more information please go to http://www.daytonastate.edu/asc/ or email ASC@DaytonaState.edu.

Writing Center: The Writing Center assists students, staff, and faculty to become better writers through face-to-face or virtual consultations (up to 50 minutes) and workshops. As the hub for writing at Daytona State, staff work with all writers at any stage of the writing process – so whether you're brainstorming ideas for a psychology paper or need a new perspective in the revision of a letter, consider meeting with the staff at the Writing Center. Scheduling appointments are recommended; call 386.506.3297 or visit the website www.daytonastate.edu/cwc for more information.

Library Services: Daytona State Library Services offers many types of resources to support research needs (or just your curiosity). These resources include everything from e-books to online databases containing countless number of full-text newspapers, magazines and scholarly journals. Many of the resources can be accessed from the web 24/7. A staff of very helpful librarians is available for guidance to the best resources for any type of project.
E-mail the librarians, and/or call 386-506-3518, or check out the website for more information.

Technical Support is available for Falconmail, printing, web usage, Desire2Learn, and more. Students may call 386-506-4AID (4243) or e-mail FalconAid@Daytonastate.edu.

Local access numbers for your area are:

<table>
<thead>
<tr>
<th>Location</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Daytona</td>
<td>386-506-4243</td>
</tr>
<tr>
<td>DeLand</td>
<td>386-785-2000 ext. 4243</td>
</tr>
<tr>
<td>Deltona</td>
<td>386-789-7241 ext. 4243</td>
</tr>
<tr>
<td>Flagler/Palm Coast</td>
<td>386-246-4800 ext. 4243</td>
</tr>
<tr>
<td>New Smyrna</td>
<td>386-423-6300 ext. 4243</td>
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</tbody>
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Please check the days and times to contact the Student Helpdesk. Times may vary during holidays and special circumstances.

Personalized assistance via walk-in may be obtained at the new FalconAid Student Help Desk Kiosk located on the Daytona Campus in J. Griffin Greene, building 300, room 109. For days and times, check out the Kiosk.

Times may vary during holidays and special circumstances.

**ACADEMIC APPROVAL:**

Professor Marc Campbell, Department Chair, School of Mathematics

**REVISED:** 03/09/16