Montgomery County Community College
Spring 2015
Fundamentals of Arithmetic
MAT 010 section/day/time
Room:

Instructor:
Office:
Phone:
E-Mail:
Office Hours:

Catalogue Description: A fundamental course in basic mathematical skills. This course does not offer degree credit. Topics include operations on signed numbers, fractions, decimals, percents, history of mathematics and other arithmetic topics.

Prerequisites: None

Credits: 0


Learning Outcomes:
Upon successfully completing this course, students should have the following knowledge and skills to:
1. Gain an understanding of the history of mathematics
2. Compute addition, subtraction, multiplication and division of real numbers
3. Simplify expressions involving exponents and order of operations of real numbers
4. Solve applications involving real numbers
5. Simplify fractions including improper fractions and mixed numbers
6. Classify, compare and order real numbers
7. Perform all real number conversions (decimals, fractions, percents)
8. Understand ratios
9. Solve applications of ratio and proportion problems
10. Solve percentage problems by using an equation and proportions
11. Understand American units of measurement
12. Solve combination applications, including basic linear equations and geometry

*** No calculators will be used. **

Withdrawal Policy: XXX is the last day that you can withdrawal without my signature. XXX is the last day you can withdraw with my signature.
Student Academic Code of Ethics:

Students with Disabilities:
Students with disabilities may be eligible for reasonable accommodations in this course. Please contact the Disability Services Center in College Hall 225 at 215-641-6575 to make an appointment to learn about eligibility and documentation guidelines. At the West Campus, contact the Coordinator of Disability Services in South Hall 147 (Student Success Center) at 610-718-1853. http://www.mc3.edu/student-resources/disability-services

Student Code of Conduct:
Students are expected to treat all members of the College community with dignity, respect, fairness and civility and to behave in a responsible manner at all times both in and outside the classroom. Please refer to the Student Code of Conduct http://www.mc3.edu/aboutus/policies/sa-4/conduct.aspx

Social Media:
All students are expected to comply with the Social Media Procedures and related College Polices described in the College’s Social Media Handbook located on the College website at https://mymccc.mc3.edu/allcampusresources/marketing/social-hb/Pages/policies.aspx.

Student Support and Referral Team (SSRT):
A free, confidential referral service available to all students that includes a support team of counselors, faculty and staff who assist students dealing with issues such as emotional distress, stress, anxiety, eating disorders, abuse, depression, grief, potential violence and substance abuse. SSRT connects students with College and community resources and caring professionals. More information is available at: https://mymccc.mc3.edu/allcampusresources/studentaffairs/ssrt/Pages/default.aspx

Veterans Statement:
Student veterans may be eligible for benefits and services related to military service http://www.mc3.edu/campusLife/student-resources/veterans.
Grading Policies:
Final course grades are achieved by totaling the points (300 possible points) acquired from the following assessments and dividing the total accumulated points by 3:

**EXAMS:** Each of seven exams is worth 30 points; the final worth 60 points for a total 270 exam points

**ASSIGNMENTS:** 15 points (each unit homework counts for 2 pts+1 bonus point)

**ATTENDANCE:** 15 points (each of the 14 weeks of attendance counts 1 point with 1 more point for the final exam day)

Grading Scale:

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<thead>
<tr>
<th>Grade</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>A</td>
<td>93-100%</td>
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<tr>
<td>A-</td>
<td>90-92%</td>
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<tr>
<td>B+</td>
<td>87-89%</td>
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<tr>
<td>B</td>
<td>83-86%</td>
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<td>B-</td>
<td>80-82%</td>
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<tr>
<td>C+</td>
<td>77-79%</td>
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<tr>
<td>C</td>
<td>70-76%</td>
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<tr>
<td>D</td>
<td>60-69%</td>
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<td>F</td>
<td>&lt; 60</td>
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Please note:
Make-up tests are given on a case by case basis for only extenuating circumstances. If you miss a test, you may count your cumulative final exam grade as a substitute grade. You must earn a C or better to register for MAT 011.

Attendance: You are expected to attend every class. If for some reason you cannot, it is your responsibility to complete the assigned work.

Emergency Closing/Class Cancellations:
- Check our BlackBoard site announcement page

Academic Support/Tutorial Services:
Free subject-area tutoring, academic workshops, and study skills specialists are available at Central Campus in College Hall 180, across from the Cafeteria and at West Campus inside the Library at South Hall 159. Contact us at: 215-641-6452 (Central Campus), 610-718-1945 (West Campus) or log into the portal and find us online at: [http://www.mc3.edu/student-resources/tutoring](http://www.mc3.edu/student-resources/tutoring)

Early Alert Initiative Statement:
As part of our commitment to promote the academic success of all of our students, the College utilizes an Early Alert system. Faculty may alert Academic Advisors about issues related to student absence and/or academic difficulty, if they are not resolved through discussion between the faculty and student. Please respond promptly to any Early Alert notification you receive through email, phone or mail, as your Academic Advisor hopes to offer you assistance in resolving these issues.