STEM Division

MATH 1332-43400, 3 Credit Hours
Contemporary Mathematics I (Math for Liberal Arts Majors I)

SPRING 2015

Classes are Online

Instructor:
Sharon Johnson

Contact Information:
Office: C-330
Office Hours: *: MW: 11:15 am – 12:15 pm, T: 1:00 pm – 2:00 pm
Math Spot: C-201-Thursdays: 1:00pm-2:00pm
Friday: 11:00 am -12:00 pm

Email Address: sharonjohnson@dccc.edu (recommended for fastest response)
(I will respond to emails that are appropriately addressed (course and section number in the subject line
and your full name as a signature – NO ID NUMBER PLEASE!) within 24 hours of receipt. Emails will not be answered
during holidays.)

Course Description:
Topics may include introductory treatments of sets, logic, number systems, number theory, relations, functions, probability
and statistics. Appropriate applications are included.

Prerequisites:
Two years of high school algebra and an appropriate assessment test score or Developmental Mathematics 0310.

Textbook and Other Course Materials:
2. Microsoft Windows 7 and 8 users should use one of the following browsers with MyMathLab courses-- Chrome,
   Firefox or Internet Explorer 10 and 9. For other system requirements go to
   http://www.pearsonmylabandmastering.com/northamerica/system-requirements/
3. Calculator: A scientific calculator required. A graphing calculator (e.g. TI-83 plus/ TI-84 plus) is recommended.
4. MyMathLab Course ID: johnson72235

Student Learning Outcomes:
After completing this course, the student should be able to:
1. Apply set theory and represent set operations with Venn Diagrams.
2. Construct Truth Tables and determine the validity of an argument.
3. Solve basic problems with percent and simple interest.
4. Perform computation using the real number system.
5. Perform basic concepts of statistics.

Core Objectives:
MATH 1332 develops the following Core Objectives:

1. Critical Thinking - to include creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information.
2. Communication - to include effective development, interpretation and expression of ideas through written and visual communication.
3. Empirical and Quantitative Skills - to include the manipulation and analysis of numerical data or observable facts resulting in informed conclusions.

Core Objective Development Statements: MATH 1332 develops Critical Thinking, Communication, and Empirical and Quantitative Skills by requiring students to solve and analyze applications to at least one of the following: sets, logic, number systems, number theory, functions, probability and statistics.

Grading Policy:
Your course grade will be determined by the following: 5 Tests, MyMathLab Assignments (Homework), a Midterm Exam, and a Comprehensive Final Exam:

<table>
<thead>
<tr>
<th>ModuleTests</th>
<th>MyMathLab (Homework)</th>
<th>Midterm / Final Exam</th>
</tr>
</thead>
<tbody>
<tr>
<td>35%</td>
<td>15%</td>
<td>50%</td>
</tr>
</tbody>
</table>

Grading Rationale:
A: [90, 100], B: [80, 90), C: [70, 80), D: [60, 70), F: [0, 60)

Homework due dates and grades are posted on the student's account. HW may be completed AFTER the due date. A deduction of 10% will be taken off for every homework assignment that is late. You will have the opportunity to work late homework until the Last Attempt to complete Homework. No homework will be accepted after the Last Attempt due date (See MyMathLab).

Each of the Module Test will be taken in MyMathLab. You will only be able to take the test after all of the homework for the Module is completed with a 70% or higher for each homework assignment. You will have Two Attempts to take each Module Test. The highest grade will be kept for the Module Test.

<table>
<thead>
<tr>
<th>Test</th>
<th>Time to take each Test</th>
<th>Chapter</th>
<th>Due Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module 1</td>
<td>90 minutes</td>
<td>5</td>
<td>Thursday, 2/12/2015</td>
</tr>
<tr>
<td>Module 2</td>
<td>90 minutes</td>
<td>1 and 12</td>
<td>Monday, 3/2/2015</td>
</tr>
<tr>
<td>Module 3</td>
<td>120 minutes</td>
<td>2</td>
<td>Thursday, 3/26/2015</td>
</tr>
<tr>
<td>Midterm Exam</td>
<td></td>
<td>Chapters 1, 2, 5, &amp; 12</td>
<td>Thursday, 3/30/2015</td>
</tr>
<tr>
<td>Module 4</td>
<td>120 minutes</td>
<td>3</td>
<td>Tuesday, 4/21/2015</td>
</tr>
<tr>
<td>Module 5</td>
<td>120 minutes</td>
<td>8</td>
<td>Sunday, 5/10/2015</td>
</tr>
<tr>
<td>Final Exam</td>
<td></td>
<td>All Chapters</td>
<td>Thursday, 5/14/2014</td>
</tr>
</tbody>
</table>

All of the Module Tests, Midterm and the Final Exam can be taken before the due date.
Allow time for computer/internet problems -- do not wait until the last minute to submit work. This is an online class. You are expected to have a computer and internet access available to you. There are computers on campus but they are only open when the College is open and only during their hours posted on the door. The website being down or your computer or internet access not working at the last minute is something you should expect. No extensions are given for any reason.

The MidTerm and Final Exam are administered on campus at the EFC Testing Center (or other testing facility arranged in advance). **Contact the instructor the first week of class to designate your testing facility.** There is NO fee for testing at ANY of the DCCCD campuses. Facilities outside of DCCCD usually require a fee for proctoring “correspondence tests”. Contact information (email address and phone number) is required for facilities outside of DCCCD. DCCCD Testing Center locations and hours in addition to information on nominating an individual to serve as proctor can be found at [http://online.dcccd.edu/proctor.html](http://online.dcccd.edu/proctor.html).

**Policy on Missed Tests:** All Tests, the Midterm, and the Final Exam are due by the Due Date. **No Exceptions.** Please keep up with the course-pacing calendar included on the last page of the syllabus and on the MML website. Remember all assignments can be worked early.

**ADDITIONAL RESOURCES**
The Math Spot ([http://www.eastfieldcollege.edu/as/Mathspot/index.asp](http://www.eastfieldcollege.edu/as/Mathspot/index.asp)) provides tutoring in Mathematics and Developmental Mathematics. Students are encouraged to take advantage of this service for additional help in their coursework. The Math Spot is located in room C-201, and the phone number is 972-860-7062. Visit the link above for more information on tutors, hours of operation and policies.

**Attendance Policy:**
Any student that has not registered on MyMathLab and completed the orientation and the discussion board assignments by **Tuesday, January 27** will NOT be certified as having attended and consequently may be dropped from the class.

If a student is unable to complete a course (or courses) in which he/she is registered, it is the responsibility of the student to withdraw from the course by the appropriate date. (The date is published in the academic calendar each year and in each semester’s class schedule). If a student does not withdraw, he/she will receive a performance grade, usually a grade of “F”.

Students who are absent from class for the observance of a religious holiday may take an examination or complete an assignment scheduled for that day within a reasonable time after the absence if, not later than the 15th day of the semester, the student notified the instructor(s) that the student would be absent for a religious holiday. Sec. 51.911 TX Educ. Code.

**Religious Holidays:**
Absences for observance of a religious holy day are excused. Notification of the absence must be given to the instructor in writing at least two weeks prior to the date of the holy day. A student whose absence is excused to observe a religious holy day is allowed to contract with the instructor to take a make-up examination or complete an assignment within a mutually agreed upon time after the absence.

**Obtaining Final Course Grades Using eConnect:**
Final grade reports are no longer mailed. Convenient access is available online at [www.econnect.dcccd.edu](http://www.econnect.dcccd.edu). Use your student identification number when you log into eConnect, an online system developed by the DCCCD to provide you with timely information regarding your college record. Your grades will also be printed on your Students Advising Report, which is available in the Admissions Office.

**Drop Date:**
Last date to drop with a grade of “W” is **April 16, 2015**
Drop Policy:
To drop a class or withdraw from the college, students must follow the prescribed procedure. It is the student’s responsibility to drop or withdraw. Failure to do so will result in receiving a performance grade, usually grade of “F”. No drop or withdrawal requests are accepted by telephone. Students who drop a class or withdraw from the College before the semester deadline receive a “W” (Withdraw) in each class dropped. The deadline for receiving a “W” is indicated on the academic calendar and the current class schedule. If you are unable to complete this course, you must withdraw from it by April 16, 2015. For more information, contact the Admissions/Registrar’s Office at 972-860-7167 (Room C 119).

STOP BEFORE YOU DROP
Six Drop Rule: For students who enrolled in college level courses for the first time in the fall of 2007, Texas Education Code 51.907 limits the number of courses a student may drop. You may drop no more than 6 courses during your entire undergraduate career, unless the drop qualifies as an exception. Your campus counseling/advising center will give you more information on the allowable exceptions. Remember that once you have accumulated 6 non-exempt drops you cannot drop any other courses with a “W”. Therefore, please exercise caution when dropping courses in any Texas public institution of higher learning, including all seven of the Dallas County Community Colleges. For more information on the 6 drop rule, you may access: https://www1.dcccd.edu/6drop.

Financial Aid:
If you are receiving Financial Aid grants or loans, you must begin attendance in all classes to be certified as attending class. In a Distance Learning Class, you must show participation in the class prior to the certification date by either e-mailing your instructor or logging on to eCampus. Do not drop or stop attending any class without consulting the Financial Aid Office. Changes in your enrollment level and failing grades may require that you repay financial aid funds. Failure to contact the instructor will result in your name being submitted to the Financial Aid Office as a “non-attendee”. Student who fail to attend or participate after the drop date are also subject to this policy.

Repeating This Course:
Effective for Fall Semester 2005, the Dallas County Community Colleges will charge additional tuition to students registering the third or subsequent time for a course. All third and subsequent attempts of the majority of credit and Continuing Education/Workforce Training courses will result in additional tuition to be charged. Developmental Studies and some other courses will not be charged a higher tuition rate. Third attempts include courses taken at any of the Dallas County Community Colleges since the Fall 2002 Semester. See Third Attempt to Enroll in a Course at: http://www.dcccd.edu/thirdcourseattempt/

Students With Learning, Mental and Physical Disabilities:
Students requesting accommodation due to the presence of a disability must identify themselves in a timely fashion and demonstrate/document the need for accommodations through the Disability Services Office (DSO). For information regarding the rights and responsibilities of students with disabilities, contact DSO at (972) 860-8348 voice/TDD or email efcdso@dcccd.edu.

Student Email:
Legal privacy issues prevent your instructor from discussing your work or your grades on commercial e-mail accounts. If you wish to send your papers as attachments to an e-mail (and the instructor permits it), or if you have a question about your grade, you must open a student e-mail account. You may set up your account by going to http://www.dcccd.edu/netmail/home.html. The account is free.

CODE OF STUDENT CONDUCT: Web site address: http://www1.dcccd.edu/cat0506/ss/code.cfm

Responsibility
Each student shall be charged with notice and knowledge of the contents and provisions of the District’s policies, procedures, and regulations concerning student conduct. All students shall obey the law, show respect for property constituted authority, and observe correct standards of conduct. In addition to activities prohibited by law, the following types of behavior shall be prohibited.
Scholastic dishonesty shall constitute a violation of these rules and regulations and is punishable as prescribed by college policies. Scholastic dishonesty shall include, but not limited to, cheating on a test, plagiarism, and collusion.

“Cheating on a test” shall include:

- Copying from another student’s test paper
- Using test materials not authorized by the person administering the test.
- All forms of academic dishonesty, including cheating, fabrication, facilitating academic dishonesty, plagiarism, and collusion.
- Collaborating with or seeking aid from another student during a test without permission from the test administrator.
- Knowingly using, buying, selling, stealing, or soliciting, in whole or in part, the contents of an unadministered test.
- The unauthorized transporting or removal, in whole or in part, of the contents of the unadministered test.
- Substituting for another student, or permitting another student to substitute for one’s self, to take a test.
- Bribing another person to obtain an unadministered test or information about an unadministered test.

“Plagiarism” shall be defined as the appropriating, buying, receiving as a gift, or obtaining by any means another’s work and the unacknowledged submission or incorporation of it in one’s own written work.

“Collusion” shall be defined as the unauthorized collaboration with another person in preparing written work for fulfillment of course requirements.

Students should be aware of disciplinary actions for all forms of academic dishonesty, including cheating, fabrication, facilitating academic dishonesty, plagiarism, and collusion. Your College Catalog and the DCCCD Catalog contain the entire Student Code of Conduct. In this course, you will receive a grade of “0” on that particular assignment or test if you are guilty of cheating on assignments, tests, or plagiarism. Please do not put yourself in a situation that would result in such action, Academic dishonesty is a serious offense in college.

Campus Police:
In addition to providing general law enforcement on campus, the campus police respond to all emergencies. In any emergency situation, you can get immediate help by any of the following methods:

- call 911 on any campus extension
- use any red phone in the hallways, or any "blue light" call box in the parking lots
- call 972-860-4290 from any off campus extension

Sexual Harassment:
Eastfield College has a zero tolerance policy on sexual harassment. All students shall report complaints of sexual harassment informally to the college Human Resources Director or formally to the Vice Chancellor of Educational Affairs.

DCCCD Emergency Operation Procedures:
Visit http://video.dcccd.edu/rtv/DO/emergency_dcccd.wmv

Emergency & Inclement Weather Procedures:
In case of emergency (which may include power or air conditioning outages, fires, etc.) or inclement weather conditions, Eastfield students should listen to KEOM-FM Radio Station (88.5) as the primary media source. In partnership with the Mesquite Independent School District, Eastfield College Administration will notify KEOM immediately after a decision is made to cancel classes on any given day of inclement weather or for emergency purposes. Students may also monitor other local radio and television stations. The earliest an announcement may be broadcast on KEOM Radio is 6 a.m.
Students may also refer to the Eastfield College web page www.eastfieldcollege.com for the Inclement Weather announcement under News/Features.

**Family Educational Right and Privacy Act of 1974 (FERPA):**
In compliance with the Family Educational Rights and Privacy Act of 1974 (FERPA), the College may release information classified as "directory information" to the general public without the written consent of the student. Directory information includes: (1) student name, (2) student address, (3) telephone numbers, (4) date and place of birth, (5) weight and height of members of athletic teams, (6) participation in officially recognized activities and sports, (7) dates of attendance, (8) educational institution most recently attended, and (9) other similar information, including major field of student and degrees and awards received. Students may protect their directory information at any time during the academic year. If no request is filed, directory information is released upon written inquiry. No telephone inquiries are acknowledged. No transcript or academic record is released without written consent from the student, except as specified by law.

**COURSE OUTLINE:**

<table>
<thead>
<tr>
<th>Chapter</th>
<th>Sections</th>
<th>Topics</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ch. 1</td>
<td>1.1-1.3 (All Sections)</td>
<td>Problem Solving and Critical Thinking.</td>
</tr>
<tr>
<td>Ch. 2</td>
<td>2.1-2.5 (All Sections)</td>
<td>Set Theory.</td>
</tr>
<tr>
<td>Ch. 3</td>
<td>3.1 - 3.7</td>
<td>Logic.</td>
</tr>
<tr>
<td>Ch. 5</td>
<td>5.1-5.6</td>
<td>Number Theory and the Real Number System.</td>
</tr>
<tr>
<td>Ch. 8</td>
<td>8.1 – 8.8 (All Sections)</td>
<td>Consumer Mathematics and Financial Management.</td>
</tr>
<tr>
<td>Ch. 12</td>
<td>12.1, 12.2</td>
<td>Statistics</td>
</tr>
</tbody>
</table>

**SYLLABUS REVISION:**
The guideline in this syllabus may be changed, deleted, or amended any time by the instructor. The attached course outline is intended as an aid in helping you know your responsibilities for the semester. It is possible that some changes in the course outline or class policies will be made during the semester. Any changes that are made to the class policies or course outline will be announced in class.
**Class Calendar**: (Subject to Change upon notification by the Instructor)

**MATH 1332**  
**COURSE PACING CALENDAR**

<table>
<thead>
<tr>
<th>Due Date</th>
<th>Module</th>
<th>Assignment Due</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/27</td>
<td></td>
<td>Orientation / Discussion Board</td>
</tr>
<tr>
<td>2/9</td>
<td>1</td>
<td>Chapter 5</td>
</tr>
<tr>
<td>2/10</td>
<td>1</td>
<td>Chapter 5 (10% late penalty)</td>
</tr>
<tr>
<td>2/12</td>
<td>1</td>
<td>Module 1 Test</td>
</tr>
<tr>
<td>2/27</td>
<td>2</td>
<td>Chapters 1 &amp; 12</td>
</tr>
<tr>
<td>2/28</td>
<td>2</td>
<td>Chapters 1 &amp; 12 (10% late penalty)</td>
</tr>
<tr>
<td>3/2</td>
<td>2</td>
<td>Module 2 Test</td>
</tr>
<tr>
<td>3/23</td>
<td>3</td>
<td>Chapter 2</td>
</tr>
<tr>
<td>3/24</td>
<td>3</td>
<td>Chapter 2 (10% late penalty)</td>
</tr>
<tr>
<td>3/26</td>
<td>3</td>
<td>Module 3 Test</td>
</tr>
<tr>
<td>3/30</td>
<td></td>
<td>MIDTERM EXAM 3/30</td>
</tr>
<tr>
<td>4/18</td>
<td>4</td>
<td>Chapter 3</td>
</tr>
<tr>
<td>4/19</td>
<td>4</td>
<td>Chapter 3 (10% late penalty)</td>
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<tr>
<td>4/21</td>
<td>4</td>
<td>Module 4 Test</td>
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<tr>
<td>5/7</td>
<td>5</td>
<td>Chapter 8</td>
</tr>
<tr>
<td>5/8</td>
<td>5</td>
<td>Chapter 8 (10% late penalty)</td>
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<tr>
<td>5/10</td>
<td>5</td>
<td>Module 5 Test</td>
</tr>
<tr>
<td>5/14</td>
<td></td>
<td>FINAL EXAM 5/14</td>
</tr>
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</table>

Revised 5/14/14