Instructor:
Sharon Johnson

Contact Information:
Office: C-330
Office Hours: *: MW: 11:15 am – 12:15 pm, TR: 11:30 am – 12:30 pm
Friday: 11:00 am - 12:00 pm

*Appointments require a formal email request at least 24 hours in advance.

Phone: 972-860-7127(not recommended)

Email Address: sharonjohnson@dcccd.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.

Prerequisites:
MATH 1324, MATH 1314 or MATH 1414.

Course Description:
Limits and continuity, derivatives, graphing and optimization, exponential and logarithmic functions, antiderivatives, integration, applications to management, economics, and business. This course is cross-listed as Math 1425. The student may register for either Math 1325 or Math 1425, but may receive credit for only one of the two. (3 Lec.)

Student Learning Outcomes:
Upon successful completion of this course, students will:
1. Apply calculus to solve business, economics, and social sciences problems.
2. Apply appropriate differentiation techniques to obtain derivatives of various functions, including logarithmic and exponential functions.
3. Solve application problems involving implicit differentiation and related rates.
4. Solve optimization problems with emphasis on business and social sciences applications.
5. Determine appropriate technique(s) of integration.
6. Integrate functions using the method of integration by parts or substitution, as appropriate.
7. Solve business, economics, and social sciences applications problems using integration techniques.

Textbook and Other Course Materials:
2. My Math Lab - Microsoft Windows 7 and 8 users should use one of the following browsers with MyMathLab courses-- Chrome, Firefox or Internet Explorer 10 and 9. Click here for other system requirements.

Textbook is OPTIONAL. MyMathLab access code is required. (ebook included with MML account.)

Calculator: A graphing calculator is recommended (e.g. TI-83 plus or TI-84 plus)

Grading Policy: The semester grade will be determined by

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Homework</td>
<td>20%</td>
</tr>
<tr>
<td>4 Module Tests</td>
<td>30%</td>
</tr>
<tr>
<td>Midterm/Final Exam</td>
<td>50%</td>
</tr>
</tbody>
</table>

Homework will be submitted through MyMathLab. Go to MyMathLab.com. Register by entering the TBD

Homework due dates and grades are posted on the student’s account. The Orientation and Discussion Board Assignment has a Due Date of 3/24/2017 by 11:59 pm CST-to be certified in this class. There is no exception this due date. All other assignments must be completed by or on 5/11/17, 11:59 pm CST for this Late Start Spring 2017 Semester. See calendar at the end of this syllabus for “suggested dates”.

The course is divided into 4 modules. Each module consists of homework, test review and module test. The module test review DOES count as a homework grade. Module tests are taken AT HOME with a 1.5- 2 hour time limit. You will have two attempts for each module test.

A Midterm Review follows the completion of Module 2. The Midterm Review is NOT averaged in as a homework grade. HOWEVER, if you score at least 90% on the Midterm Review before taking the Midterm Exam, 5 points will be added to your Midterm Exam grade. Likewise, a Final Exam Review follows the completion of Module 4 and scoring at least 90% on the Final Exam Review before taking the Final Exam adds 5 points to your Final Exam grade. THIS IS EQUIVALENT TO 1.25 POINTS ON YOUR FINAL COURSE GRADE FOR EACH REVIEW!! The Final Exam is NOT comprehensive. Only the material in Modules 3 and 4 is included on the Final Exam.

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/test-proctoring. You may also choose to test at home using proctoring services provided by ProctorU. http://proctoru.com/portal/eastfieldcollege/ The cost is $25 per exam and requires a webcam and high-speed
internet access. The Midterm and Final Exam are taken through ecampus. The instructor will post MidTerm and Final Exam grades, along with the 5 points for the corresponding test review, on MyMathLab following the completion of each exam.

ALL TESTS can be taken any time before the end of the semester WITHOUT PENALTY but it is highly recommended they be taken NO LATER THAN the indicated dates.

<table>
<thead>
<tr>
<th>Module Test</th>
<th>Date</th>
<th>Chapters</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module 1 Test</td>
<td>Thursday, March 30</td>
<td>Chapter 10</td>
</tr>
<tr>
<td>Module 2 Test</td>
<td>Wednesday, April 12</td>
<td>Chapter 11</td>
</tr>
<tr>
<td><strong>Midterm</strong></td>
<td>Monday, April 17</td>
<td>Chapters 10 and 11</td>
</tr>
<tr>
<td>Module 3 Test</td>
<td>Tuesday, April 25</td>
<td>Chapter 12</td>
</tr>
<tr>
<td>Module 4 Test</td>
<td>Saturday, May 6</td>
<td>Chapters 13 and 14</td>
</tr>
<tr>
<td><strong>Final Exam</strong></td>
<td>Thursday, May 11</td>
<td>Chapters 12-14</td>
</tr>
</tbody>
</table>

The EFC Testing Center is located in Building C, Room 316. It is open from 8 a.m. – 9 p.m. Monday through Thursday and 8 a.m. – 5 p.m. on Friday. No tests will be issued to students during the last hour of operation. Take a picture ID and know your course name, number, section number and which test you are taking (ex. MidTerm or Final Exam). You may contact the EFC Testing Center at 972-860-7011

Grading Rationale:

<table>
<thead>
<tr>
<th>Average</th>
<th>Letter Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>90 – 100</td>
<td>A</td>
</tr>
<tr>
<td>80 – 89</td>
<td>B</td>
</tr>
<tr>
<td>70 – 79</td>
<td>C</td>
</tr>
<tr>
<td>60 – 69</td>
<td>D</td>
</tr>
<tr>
<td>Below 60</td>
<td>F</td>
</tr>
</tbody>
</table>

Attendance Policy:
Any student that has not registered on MyMathLab and completed the orientation and discussion board assignments by Friday, March 24th by 11:59 pm CST (Firm due date) 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”.

Policy on Missed Tests: Tests may be taken up until the last class day with NO penalty. Recommended dates are indicated on the course-pacing calendar included on the last page of the syllabus and on the MML website.

ADDITIONAL RESOURCES
The Math Spot (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 course work. The Math Spot is located in room L-200, and the phone number is 972-860-7062. Visit the link above for more information on tutors, hours of operation and policies.

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.dccd.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 Saturday, April 29, 2017

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 Saturday, April 29, 2017. 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/

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.
Children on Campus:
The institution strives to protect an environment most conducive to teaching and learning for all enrolled students. Children who are taking part in organized scheduled activities or who are enrolled in specific classes are welcomed. Minor children, however, should not be brought to the institution unless closely supervised by their parent. Minor children should not be brought into classrooms, laboratories or other facilities of the college. This practice is disruptive to the learning process. In the case of an emergency where the student-parent has no alternative but to bring the child to campus, classroom faculty or the administrative heads of other units have full discretion as to whether a child may be allowed to quietly stay in the location. These individuals may require that children be removed by the student-parent from the setting if, in their opinion, the presence of the child is deemed to be disruptive to the learning process. For reasons of security and child welfare the institution will not permit unattended children to be left anywhere on the premises. Parents who have problems with childcare should visit the Counseling and/or Advisement Center to receive referrals to childcare services in the area.

DCCCD Office of Institutional Equity Syllabi Statement - Spring 2017

The Office of Institutional Equity, in coordination with DCCCD colleges, has the primary responsibility for reviewing, updating and carrying out compliance policies and procedures. The institutional equity and compliance officer and the Office of Institutional Equity make sure that college district policies and federal and state laws related to sexual assault, Title IX, Title II (Americans With Disabilities Act) and the Military Veterans Full Employment Act are followed 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 inform DSO to forward your accommodation request to your instructor as soon as possible, preferably at the start of the semester or program. For more information about the College Disability Services Office, please visit the Student Services website: dcccd.edu/DSOffices or contact the DCCCD Office of Institutional Equity at 214-378-1633.

College Disability Services Offices

<table>
<thead>
<tr>
<th>Location</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brookhaven</td>
<td>972-860-4673</td>
</tr>
<tr>
<td>Cedar Valley</td>
<td>972-860-8119</td>
</tr>
<tr>
<td>Eastfield</td>
<td>972-860-8348</td>
</tr>
<tr>
<td>El Centro</td>
<td>214-860-2411</td>
</tr>
<tr>
<td>Mountain View</td>
<td>214-860-8677</td>
</tr>
<tr>
<td>North Lake</td>
<td>972-273-3165</td>
</tr>
<tr>
<td>Richland</td>
<td>972-238-6180</td>
</tr>
</tbody>
</table>

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) or 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 you wish to keep the information confidential, please contact 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
The Title IX coordinator will contact you 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 dcccd.edu/TitleIX.

**College Title IX Coordinators**

- **Brookhaven**
  - Terri Edrich
  - TitleIX-BHC@dcccd.edu
  - 972-860-4588

- **Cedar Valley**
  - Grenna Rollings
  - TitleIX-CVC@dcccd.edu
  - 972-860-5222

- **Eastfield**
  - Rachel Wolf
  - TitleIX-EFC@dcccd.edu
  - 972-860-7325

- **El Centro**
  - Shaneé Moore
  - TitleIX-ECC@dcccd.edu
  - 214-860-2626

- **Mountain View**
  - Regina Garner
  - TitleIX-MVC@dcccd.edu
  - 214-860-5675

- **North Lake**
  - Francynne Maynard
  - TitleIX-NLC@dcccd.edu
  - 972-860-3980

- **Richland**
  - Bill Dial
  - TitleIX-RLC@dcccd.edu
  - 972-238-6352

- **Dallas Colleges Online**
  - La’Kendra Higgs
  - TitleIX-LEC@dcccd.edu
  - 972-669-6590

**District Title IX Coordinator**

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

**CODE OF STUDENT CONDUCT**: The Code of Student Conduct can be reviewed by clicking on this [link](#).

**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:** Click on this link for further information.

**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 [website](#) 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. 10</td>
<td>10.1 – 10.5 and 10.7</td>
<td>Limits, Continuity, Derivatives, Differentiation rules, Marginal Analysis.</td>
</tr>
<tr>
<td>Ch. 11</td>
<td>11.1 – 11.7 (All Sections)</td>
<td>Compound interest, Exponential and Logarithmic Derivatives, product rule, quotient rule, chain rule, implicit differentiation, related rates and elasticity of demand.</td>
</tr>
<tr>
<td>Ch. 12</td>
<td>12.1 – 12.6 (All Sections)</td>
<td>First and second derivative test, L'Hopital’s rule, curve sketching</td>
</tr>
</tbody>
</table>
### Ch. 13
- 13.1, 13.2, 13.4, 13.5
- Antiderivative, integration by substitution, the definite integral and the Fundamental Theorem of Calculus.

### Ch. 14
- 14.1 – 14.2
- Area between curves and Applications in Business and Economics.

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**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.

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**MATH 1325-43440**
**COURSE PACING CALENDRA TO HELP YOU STAY ON TRACK**
**THE ACTUAL DUE DATE FOR ALL ASSIGNMENTS IS 5/11/2017**

<table>
<thead>
<tr>
<th>Due Date</th>
<th>Module</th>
<th>Assignments Due*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Friday, March 24-11:59pm CST</td>
<td>1</td>
<td>HW: Orientation, Discussion Board Introduction Must be completed for Certification</td>
</tr>
<tr>
<td>Wednesday, March 22</td>
<td>1</td>
<td>HW: 10.1, 10.2</td>
</tr>
<tr>
<td>Saturday, March 25</td>
<td>1</td>
<td>HW: 10.3, 10.4,</td>
</tr>
<tr>
<td>Tuesday, March 28</td>
<td>1</td>
<td>HW: 10.5, 10.7</td>
</tr>
<tr>
<td>Thursday, March 30</td>
<td>1</td>
<td>Module 1 Review</td>
</tr>
<tr>
<td>Thursday, March 30</td>
<td>1</td>
<td>Module 1 Test</td>
</tr>
<tr>
<td>Sunday, April 2</td>
<td>2</td>
<td>HW: 11.1, 11.2</td>
</tr>
<tr>
<td>Wednesday, April 5</td>
<td>2</td>
<td>HW: 11.3, 11.4</td>
</tr>
<tr>
<td>Saturday, April 8</td>
<td>2</td>
<td>HW: 11.5. 11.6</td>
</tr>
<tr>
<td>Date</td>
<td>Day</td>
<td>HW/Activity</td>
</tr>
<tr>
<td>-----------------------</td>
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<td>------------------------</td>
</tr>
<tr>
<td>Monday, April 10</td>
<td>2</td>
<td>HW: 11.7</td>
</tr>
<tr>
<td>Wednesday, April 12</td>
<td>2</td>
<td>Module 2 Review</td>
</tr>
<tr>
<td>Wednesday, April 12</td>
<td>2</td>
<td>Module 2 Test</td>
</tr>
<tr>
<td>Saturday, April 15</td>
<td>3</td>
<td>HW: 12.1, 12.2</td>
</tr>
<tr>
<td>Monday, April 17</td>
<td></td>
<td>MidTerm Exam Review</td>
</tr>
<tr>
<td>Monday, April 17</td>
<td></td>
<td>MidTerm Exam at Testing Facility</td>
</tr>
<tr>
<td>Thursday, April 20</td>
<td>3</td>
<td>HW: 12.3, 12.4</td>
</tr>
<tr>
<td>Sunday, April 23</td>
<td>3</td>
<td>HW: 12.5, 12.6</td>
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<tr>
<td>Tuesday, April 25</td>
<td>3</td>
<td>Module 3 Review</td>
</tr>
<tr>
<td>Tuesday, April 25</td>
<td>3</td>
<td>Module 3 Test</td>
</tr>
<tr>
<td>Friday, April 25</td>
<td>4</td>
<td>HW 13.1, 13.2</td>
</tr>
<tr>
<td>Saturday, April 29</td>
<td></td>
<td>Last Day to Drop</td>
</tr>
<tr>
<td>Monday, May 1</td>
<td>4</td>
<td>HW 13.4, 13.5</td>
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<tr>
<td>Thursday, May 4</td>
<td>4</td>
<td>HW 14.1, 14.2</td>
</tr>
<tr>
<td>Saturday, May 6</td>
<td>4</td>
<td>Module 4 Review</td>
</tr>
<tr>
<td>Saturday, May 6</td>
<td>4</td>
<td>Module 4 Test</td>
</tr>
<tr>
<td>Thursday, May 11</td>
<td></td>
<td>Final Exam Review</td>
</tr>
<tr>
<td>Thursday, May 11</td>
<td></td>
<td>Final Exam at Testing Facility</td>
</tr>
</tbody>
</table>

* These are ONLY “suggested dates”. Everything is due (with the exceptions) May 11 to allow you flexibility.