Semester and Year: Spring 2015
Meeting Dates: 1/20/15-3/19/15
Section: 93406
Class time and days: eCampus; ConnectPlus, MTWTRF
Room: Online
Instructor: J. P. Hill
Contact Info: L245; 972-238-6214; jhill@dccc.edu
Office Hours: 9:30-10:30am (Monday, Wednesday, Friday)
11:00am-12:00pm (Tuesday, Thursday)
Office Hours are the only times available for students.
(Please see the “Student Expectations” link in eCampus for details regarding Office Hours policy).
Last date to withdraw: Saturday, February 28th
Final Exam Day and time: By the close of the Testing Center on 3/19/15
Connect (ConnectPlus): (Please remember– you can register on 1/17/15, but content is not available until 1/20/15)
Course Key: 

Evaluation Procedures: Students will be evaluated on the basis of participation and examinations:
38% Tests (see part (b)) (NO MAKE-UP TESTS – NO EXCEPTIONS)
12% Online Homework (see part (a)) (NO MAKE-UP ASSIGNMENTS – NO EXCEPTIONS)
6% Orientation (see Attendance Policy) (NO MAKE-UP – NO EXCEPTIONS)
5% Discussion Board (see part (d)) (NO MAKE-UP – NO EXCEPTIONS)
14% Review Quizzes (see part (e)) (NO MAKE-UP – NO EXCEPTIONS)
25% Final Exam (see part (c)) (NO MAKE-UP FINAL EXAM – NO EXCEPTIONS)
There will be a total of:
(a) The WEEKLY online homework assignments are located within Connect (ConnectPlus) ONLY and ARE NOT TIMED. Having technical issues with opening and/or completing an online homework assignment is NOT AN EXCUSE (During the first week of class, YOU are to ensure that the software works properly (meaning you can pull up the tutorials) on YOUR computer). Your online homework grade will be recorded in Connect. Here are some general rules to follow when attempting to complete your online homework assignments located within ConnectPlus:
(1) DO NOT WAIT UNTIL A COUPLE OF HOURS BEFORE THE CUT OFF TIME OF THE DUE DATE TO COMPLETE YOUR HOMEWORK ASSIGNMENT (Remember, you will have to have your online homework assignments completed by 11:59pm (CST) on the due date!). If you run into technical issues, you will not have them resolved in time and your grade will stand.
ALWAYS TRY TO ATTEMPT TO COMPLETE YOUR HOMEWORK A DAY OR TWO BEFORE THE DUE DATE.
(2) Please make sure that you have gone through the online mini-tutorial before entering your answers. These are usually located within the homework set.
(3) IMPORTANT:
(a) For each online homework assignment, you will have 3 chances to complete an assignment (you can always “save and exit” anytime within assignment to save your work and come back to it at a later time, before the deadline).

10/28/14 Revised for Spring 2015
(b) For each question within an online homework assignment, you will have 3 attempts to type in the correct answer. After your 3 attempts are used (you are out of retries), you will not be allowed to change your answer (you can go back to the question, but you will not be allowed to change your answer). Be sure to note the number of attempts for each problem in the blue box, above the problem, in the upper right side. Please keep in mind, you may run into a particular problem that will only have 1 attempt – this is the prerogative of the author of the algorithm for that particular problem – not your Instructor.

(c) You can complete the assignment in the order the questions are given or you can move around by selecting the question you wish to work on/answer at that time.

(b) Three (3) Tests – The Tests (two (2) on campus Tests which are paper Tests – meaning you will have to write your answer and/or show your work, when applicable; one (1) online Test (completed in Connect)) assess your understanding of the concepts you PRACTICED within your online homework, textbook practice problems and Review Quizzes by coercing you to APPLY what you've learned. One of the best ways to prepare for your Tests is to complete sample problems in your textbook WITH YOUR BOOK AND NOTES CLOSED (since you will not/should not have those tools when taking your test on Campus). Your Tests scores will be recorded in eCampus.

Test 1 and Test 3 MUST be completed on Campus:

YOUR on campus TESTS ARE NOT TIMED. You will only have one attempt to complete your tests. Tests are to be taken on the Richland College campus within the Testing Center, M105.

Students are responsible for contacting the Testing Center to inquire about testing policies, etc.

Test 2 will be completed within Connect (ConnectPlus):

This means that Connect (ConnectPlus) will grade your Test 2 and this grade will stand and will NOT be changed by the Instructor.

To access Test 2, you will need to know the password (the password is “shortcake”).

IMPORTANT: If you open your Test 2 AND type in the password, you MUST hit the “Submit” button – even if you do not attempt to type in any solution. Connect (ConnectPlus) counts this as attempt (and it will stand) because you typed in the password to access the content of the Test. You will NOT be able to access any other assignment, etc. in Connect (ConnectPlus) unless you hit the “Submit” button.

Test 2 IS TIMED (you will have 1 hour and 50 minutes to the Test). Having technical issues with opening and/or completing an online Test is NOT AN EXCUSE (You have more than two weeks (earlier if you received my pre-class email a few days prior to orientation) to get acquainted with the Connect (ConnectPlus) software and to see if it works properly (meaning you can pull up the tutorials, chapter contents, media tools, etc. and your online homework) on YOUR computer. Here are some general rules to follow when attempting to complete your Test 2:

#1. DO NOT WAIT UNTIL A COUPLE OF HOURS BEFORE THE CUT OFF TIME OF THE DUE DATE TO COMPLETE YOUR TEST 2 (Remember, you will have to have your Test 2 completed by 11:59PM (CST) on the due date!). If you run into technical issues, you will not have them resolved and your grade will stand. ALWAYS TRY TO ATTEMPT TO COMPLETE YOUR TEST 2 A DAY BEFORE THE DUE DATE.

#2. Your Test 2 will have application problems based on the online homework (which is also based on the textbook) AND terminology questions.

#3. You have one attempt to complete your Test 2 (so do not "accidentally" click on the link to Test 2 unless you are completely sure you are ready to attempt Test 2).

#4. You have one attempt to complete each problem within your Test 2 (You are allowed to be able to "go back and review" a problem and/or "try it again" and/or skip around and select which problems you want to do BEFORE you press the “Submit” button - once you press the “Submit” button, your Test is submitted and graded and you will NOT be able to reopen the Test to "go back and review" a problem and/or "try it again". It is strongly suggested that you are absolutely certain that you are prepared to complete the Test once you elect to open the Test and type in the password.)
#5. You will NOT have the following options available in Test 2 ("Help Me Solve This", "Similar Exercise", "View an Example"). These are only found within your online Homework Assignments.

#6. WHEN YOU OPEN YOUR TEST YOU WILL NOT HAVE ACCESS TO YOUR ONLINE HOMEWORK ASSIGNMENTS OR QUIZZES: Make sure you complete your online homework and quizzes BEFORE you open your Test 2.

#7. EXTREMELY IMPORTANT: I do not grade any individual online Test 2, nor do I change any individual online Test 2 grade. Connect (ConnectPlus) grades these Tests and the grade stands - any technical issues concerning an individual online Test 2 must be resolved by contacting the Course Compass IT staff (I must be included in the email for documentation purposes) - the grade, determined by Connect (ConnectPlus), for Test 2 will stand. **Lowest Test grade replaced with the average of the two highest Test grades pending Attendance.**

**IMPORTANT:** Proctored Tests will be considered only for those students whose legal residence is more than 37 miles (the official expanse of the Dallas Metroplex as of March 2014) from the postal address of Richland College. Please contact your Instructor immediately starting August 21st if you believe you should be considered.

(c) One (1) on campus Final Exam – **YOUR FINAL EXAM IS NOT TIMED.** You will only have one attempt to complete your final exam. The Final Exam is to be taken on the Richland College campus within the Testing Center, M105. **Students are responsible for contacting the Testing Center to inquire about the testing policies, etc.**

**IMPORTANT:** Proctored Final Exam will be considered only for those students whose legal residence is more than 37 miles (the official expanse of the Dallas Metroplex as of March 2014) from the postal address of Richland College. Please contact your Instructor immediately starting August 21st if you believe you should be considered.

(d) **Discussion Board points must be earned (just as your online homework grades and Test grades are earned).** You are required to participate in each of the Forums (there will be 4 of them) within the Discussion Board (please see the requirements for each Forum once it becomes available – IT IS VERY IMPORTANT THAT YOU ADHERE TO THE REQUIREMENTS FOR EACH FORUM IN ORDER TO SATISFY THE PARTICIPATION REQUIREMENTS FOR EACH FORUM). Each Forum is worth 10 points for completely worked response/output (participating and participating correctly) (for a total of 40 points). The following penalties are observed:
1. If you miss participating/fail to participate correctly in any one (1) Forum, you will forfeit 10 Discussion Board points for that forum.
2. If you miss participating/fail to participate correctly in more than one (> 1) Forum, you will forfeit ALL Discussion Board points for the semester.

**THERE ARE NO EXCEPTIONS OR FORUM DEADLINE EXTENSION – DO NOT ASK FOR ONE (each forum will have its own participation requirements and deadline).**

(e) Each on campus Test has a Review Quiz that will be completed online within ConnectPlus ONLY and each Review Quiz **IS NOT TIMED.** The Review Quiz is an excellent chance to prepare for the on-campus Tests and you will have three attempts to take it (the highest score will be counted). **Having technical issues with opening and/or completing a Review Quiz is NOT AN EXCUSE** (During the first week of class, **YOU** are to ensure that the software works properly (meaning you can pull up the tutorials) on **YOUR** computer). Your Review Quiz grade will be recorded in ConnectPlus.

**DO NOT WAIT UNTIL A COUPLE OF HOURS BEFORE THE CUT OFF TIME OF THE DUE DATE TO COMPLETE THE REVIEW QUIZ (Remember, you will have to have your Review Quiz completed by 11:59pm (CST) on the due date!).** If you run into technical issues, you will not have them resolved in time and your grade will stand.

The following point system shall be used:

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<tr>
<th>Category</th>
<th>Points</th>
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<tbody>
<tr>
<td>Orientation</td>
<td>50</td>
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<tr>
<td>Discussion Board</td>
<td>40</td>
</tr>
<tr>
<td>Review Quiz 1</td>
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</table>
Please remember, for this course, grades are NOT given, grades are EARNED. If you need an “A” or “B” or “C” for the semester in this course, then it is your responsibility to EARN those grades by performing the work (based on the outline stated above), to the best of your ability.

Based on the point system, the following grade scale shall be used:

- A 716 and above
- B 636 to 715
- C 556 to 635
- D 476 to 555
- F 475 and below

Letter grades are assigned according to the following:
- A [90%, 100%], B [80%, 90%), C [70%, 80%), D [60%, 70%), F [0%, 60%]

Attendance Policy: You are required click on the “Virtual Orientation Part I: Start Here” and “Virtual Orientation Part II: Course Specifications” links within eCampus (when it becomes available) to start the “Virtual Orientation” and go through the steps in an effort to orientate yourself with the Course structure and policies.

It is your responsibility to

1) return your FULLY COMPLETED online contracts (Parts I and Parts II – both in the same email) to me, BY EMAIL ONLY, by 12:00pm (CST) on Monday, January 26th. This means your documents must be received in my inbox by 12:00pm (CST) on Monday, January 26th AND your documents must be accepted by me, the Instructor, in order for you to receive all 50 Orientation points AND be allowed to replace your lowest test score with the mean (average) of your three highest test grades (the online contracts [Part I and Part II] will be made available in eCampus - you must read through every item/link with the “Virtual Orientation” links to access the online contracts).

The contract is extremely important since it will allow me to grade your Test 1, Test 4 and Final Exam papers and post your grades within eCampus.

Incomplete and/or incorrectly saved documents WILL NOT BE ACCEPTED – NO EXCEPTIONS – PERIOD. It is very imperative that you follow the instructions EXACTLY as stated within eCampus in order to avoid NOT receiving your Orientation points due to your NOT following directions.

If the online contracts (Part I and Part II) are submitted after the Monday, January 26th deadline, but before the official withdrawal date, AND is accepted by me, the Instructor, then you will receive only half of the total Orientation points (your Orientation points will be 25), BUT you will NOT be allowed to replace your lowest test score with the mean (average) of your three highest test grades.

If the information sheet/online contract is only submitted after the official withdrawal date, AND is accepted by me, the Instructor, then you will NOT receive any Orientation points (your Orientation points will be zero (0)) AND you will NOT be allowed to replace your lowest test score with the mean (average) of your three highest test grades;
2) go through ALL the content within eCampus and the online orientations on the Connect (ConnectPlus) class homepage. So make sure you submit it in plenty of time (since you cannot control server/network mishaps) – there will be NO EXCEPTIONS.

**Required Materials:**

2. A graphing calculator is required. A calculator from the TI-83 or TI-84 families is recommended. It should be one without a computer algebra system (CAS) or algebraic manipulation ability. That is, **calculators with CAS are prohibited. This would include such calculators as the TI-89, TI-92, TI-Nspire.**

This is the continuation of the text from Math 1350 at Richland College. You may still need a new ConnectPlus code for this course. 978-0-077-48622-8 Connect Plus Access Card. Check with your instructor.

**Class Calendar:** The schedule included is NOT subject to change. The due dates are set and will not be flexible unless the Instructor deems necessary for the entire Class. This course covers chapters 7, 8, 9, 10 & 11. All Online Homework Assignments, Review Quizzes, and Forums are due by 11:59 PM on the due date.

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<tr>
<th>Week</th>
<th>Sections to Cover</th>
<th>Due Date(s)/Comments</th>
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| 1/20 – 1/25 Week 1 | Introduction  
Chapter 7 - Statistics  
7.1 Collecting and Graphing data  
7.2 Describing and Analyzing Data  
7.3 Sampling, Predictions, and Simulations  
*By the end of Week 1, TECHNICAL ISSUES WILL NOT BE AN EXCUSE FOR MISSED ONLINE HOMEWORK ASSIGNMENTS.* | Discussion Board Forum 1 (available starting 1/20 and due 1/25)  
Online Homework #1 (7.1 – 7.3) due 1/26  
Discussion Board Forum 2 (available starting 1/27 and due 1/31)  
Online Homework #2 (8.1, 8.2) due 1/31  
Review Quiz 1 due 2/3  
Test 1 to be completed within the Testing Center no later than 2/4  
Online Homework #3 (9.1, 9.2) due 2/8  
Discussion Board Forum 3 (available starting 2/9 and due 2/15)  
Online Homework #4 (9.3, 9.4) due 2/12  
Online Homework #5 (10.1, 10.2) due 2/16  
Review Quiz 2 due 2/19  
Test 2 will be available within ConnectPlus 12:00am (CST) on 2/20 and must be completed by 11:59pm (CST) on 2/21  
Discussion Board Forum 4 (available starting 2/23 and due 2/28)  
Online Homework #6 (10.3) due 2/24  
Online Homework #7 (11.1, 11.2) due 3/1 |
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| 3/2 – 3/8         | Week 7:  11.3 Similarity mapping  
Review Quiz 3 (should be completed before Test 3)  
Test 3 – will cover Section 10.3 & Chapter 11 | Online Homework #8 (11.3) due 3/3  
Review Quiz 3 due 3/6  
Test 3 to be completed within the Testing Center no later than 3/7 |
| 3/9 – 3/15        | SPRING BREAK  
NO CLASSES – Richland College Campus is CLOSED | The Final Exam is comprehensive. It will be loosely based on the problems found on all 3 previous tests. All Final Exam papers will be graded and Final Exam grades will be posted within eCampus sometime after the 3/19 deadline and before 3/24. No Final Exam paper will be graded before the deadline. Final Semester grades will be posted within eCampus sometime after the 3/19 deadline and before 3/24. The Final Exam will be available starting 3/16. Comprehensive Final Exam must be taken by the close of Testing Center on Thursday, March 19th |
| 3/16 – 3/20       | Week 8: Review for Final Exam (You have access to review (not retake) all three Review Quizzes in an effort to aid in preparation for the Final Exam, especially for those students that are not able to retrieve their Test 1 and Test 3 from the Instructor during office hours) | The Final Exam is comprehensive. It will be loosely based on the problems found on all 3 previous tests. All Final Exam papers will be graded and Final Exam grades will be posted within eCampus sometime after the 3/19 deadline and before 3/24. No Final Exam paper will be graded before the deadline. Final Semester grades will be posted within eCampus sometime after the 3/19 deadline and before 3/24. The Final Exam will be available starting 3/16. Comprehensive Final Exam must be taken by the close of Testing Center on Thursday, March 19th |

The website for online homework and Test 2 and Test 3 is [www.pearsonmylabsandmastering.com](http://www.pearsonmylabsandmastering.com)

**Instructor Policies and Suggestions for Student Success:**

1. **Have the necessary materials.** NOTE: A graphing calculator is necessary for success in this class. A scientific or graphing calculator is recommended. A TI-89 or TI-92 or TI-Inspire will not be permitted on tests or Final Exam.

2. **Academic honesty** (please read section below for details).

3. **Adhere to the time frame of the calendar.**
   - (a) Online homework assignments will constitute a total of 50 points of your total points.
   - (b) All online homework assignments are to be completed by 11:59pm (CST) on the due date. **Late work is not accepted for ANY reason.**
   - (c) Tests and Final Exam  
     - No make-up Tests or Final Exam, are given for any reason.  
     - You have one opportunity to take a test or final exam. The Tests are designed to be an hour long Tests and the Final Exam is designed to be a 1 hour and 15 minutes exam.  
     - Test 1, Test 3, and the Final Exam, ARE NOT TIMED and must be completed by the close of the testing center on the last date to take them. It is your responsibility to allow enough time to take the tests and final exam and to know the hours for the testing center and the times at which they give out the last test. Any missed test will earn the grade of zero.

4. **Get help when you need it.**
   - (a) Don’t wait until you’ve failed the first three tests to get help. It will be too late.
   - (b) Join a study group.
   - (c) There are tutors available in the math lab located in the Center for Tutoring and Learning (TLC), M 216. The hours are posted each semester. You must have a current Richland College student ID to use these resources. I encourage the use of the TLC.
   - (d) Get a private tutor.
   - (e) If you have a question about something, please ask. **I am available by email or phone.**

You are welcome to visit me during office hours. They are listed above. I am available most of the time by email for questions. I make every effort to respond quickly; however, I will
always respond within 48 hours, after I have opened and read your email. All emails received after 2:00pm on Thursdays will be responded to on Monday. Holidays and weekends are exempt from the 48 hours; I will respond as quickly as I possibly can after weekends and holidays.

5. **Studying must become a daily activity.**
   - (a) It is assumed that you will need approximately 10 hours per week to work on the computer and read the chapter and take tests. That is considered “in-class time”.
   - (b) You should also expect to put in about 4 – 12 hours over and above that time working on textbook practice problems, online homework assignment, chapter reviews, and studying.

**Academic Dishonesty**
Academically dishonest behavior is, in general, the representation of another’s work as one’s own. This includes unauthorized collaboration between students, and on exams it includes using books, notes, or other unauthorized materials or websites during the exam. Students who behave in academically dishonest ways may have their grade penalized, or be subject to disciplinary action by the Dean of Students. Students who collaborate during exams or use unauthorized materials or websites on exams may, at the instructor’s discretion, have the exam grade lowered or be given a grade of zero. In the instance that a student is given the grade of zero on a unit exam, the right of having this grade replaced with the Final Exam grade is forfeited. Students who are academically dishonest on the Final Exam may, at the instructor’s discretion, have the grade lowered, be given a grade of zero on the final, or be given the grade of F in the course.

**College Policies and Procedures:**

For Institution Policies, please refer to Richland College Institution Policies (http://www.richlandcollege.edu/syllabusinfo/)

**RICHLAND COLLEGE'S QUALITY ENHANCEMENT PLAN - LEARNING TO LEARN:**
**DEVELOPING LEARNING POWER:**
Richland College is piloting its Quality Enhancement Plan (QEP) in select classes. The QEP provides techniques, practices, and tools to help students develop the habits, traits or behaviors needed to be effective and successful lifelong learners in college and in life. For more information, please check QEP 2013 (http://www.richlandcollege.edu/qep)

**ACADEMIC PROGRESS:** Students are encouraged to discuss academic goals and degree completion with their instructors. Specific advising is available throughout the semester. Check Richland College Steps to Success (http://www.richlandcollege.edu/admissions/process.php)

**CATALOG COURSE DESCRIPTION**
Concepts of geometry, probability, and statistics, as well as applications of the algebraic properties of real numbers to concepts of measurement with an emphasis on problem solving and critical thinking. This course is designed specifically for students who seek middle grade (4 – 8) certification.

**PREREQUISITES**
Math 1350

**COURSE OBJECTIVES**
The specific objectives are to:
1. Develop problem solving skills with respect to problems presented in grades 4 – 8 mathematics
2. Develop the foundation for and the understanding of basic concepts of topology
3. Develop the foundation for and the understanding of basic concepts of geometry and measurement.
4. Develop the foundation for and the understanding of basic concepts of probability and statistics.
5. Develop the foundation for and the understanding of transformations and reflections.
6. Experience the use of manipulatives that will be used in the grades 4-8 classroom
7. Develop effective mathematical communication skills.

This course is not in the Core 2014 at DCCCD. However, the following Core objectives are still addressed in this course and will be assessed through the content of this course:

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

SPECIFIC CONTENT COVERAGE FOR THIS COURSE

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</table>