Instructor Information
Name: Professor Ada Mcarthy Pratt
DCCCD Email: amcarthy@dcccd.edu
Office Phone: (972) 821 2926 (Cell phone #)
Office Location: S 251
Division Office and Phone:
Math, Science, Engineering Division,
Room K224
(972)860-4750

Course Information
Course Title: Elementary Statistical Methods
Course Number: MATH 1342
Section Number: 26001
MML Course ID:
mcarthy40615
Semester/Year: Summer 2 20
Credit Hours: 3
Class Meeting Time/Location: This class meets online and is self-paced with assignment deadlines
Certification Date: 07/09/2020
Last Day to Withdraw: 07/29/2020

Course Prerequisites
College level ready in Mathematics at the non-algebra or algebra levels

Course Description
This course is a study of collection, analysis, presentation and interpretation of data, and probability. Analysis includes descriptive statistics, correlation and regression,
confidence intervals and hypothesis testing. Use of appropriate technology is recommended.

**Student Learning Outcomes**

Upon successful completion of this course, students will:

1. Explain the use of data collection and statistics as tools to reach reasonable conclusions.
2. Recognize, examine and interpret the basic principles of describing and presenting data.
3. Compute and interpret empirical and theoretical probabilities using the rules of probabilities and combinatorics.
4. Explain the role of probability in statistics.
5. Examine, analyze and compare various sampling distributions for both discrete and continuous random variables.
6. Describe and compute confidence intervals.
7. Solve linear regression and correlation problems.
8. Perform hypothesis testing using statistical methods.

**Texas Core Objectives**

The College defines essential knowledge and skills that students need to develop during their college experience. These general education competencies parallel the Texas Core Objectives for Student Learning. In this course, the activities you engage in will give you the opportunity to practice two or more of the following core competencies:

1. **Critical Thinking Skills** - to include creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information
2. **Communication Skills** - to include effective development, interpretation, and expression of ideas through written, oral, and visual communication
3. **Empirical and Quantitative Skills** - to include the manipulation and analysis of numerical data or observable facts resulting in informed conclusions
4. **Teamwork** - to include the ability to consider different points of view and to work effectively with others to support a shared purpose or goal
5. **Personal Responsibility** - to include the ability to connect choices, actions, and consequences to ethical decision-making
6. **Social Responsibility** - to include intercultural competence, knowledge of civic responsibility, and the ability to engage effectively in regional, national, and global communities
Required Course Materials

5th Edition by Michael Sullivan III with Pearson MyMathLab access
ISBN: 978-0-134-13353-9

Note: A student of this institution is not under any obligation to purchase a textbook from a university-affiliated bookstore. The same textbook may also be available from an independent retailer, including an online retailer.

Graded Work

The tables below provide a summary of the graded work in this course and an explanation of how your final course grade will be calculated.

Summary of Graded Work

<table>
<thead>
<tr>
<th>Assignments</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Homework</td>
<td>10%</td>
</tr>
<tr>
<td>MML Quizzes</td>
<td>10%</td>
</tr>
<tr>
<td>Four Unit Exams</td>
<td>60% (15% each)</td>
</tr>
<tr>
<td>Departmental Final Exam</td>
<td>20%</td>
</tr>
</tbody>
</table>

TOTAL: 100%

Final Grade

<table>
<thead>
<tr>
<th>Points</th>
<th>Percentages</th>
<th>Letter Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>900-1,000</td>
<td>90-100%</td>
<td>A</td>
</tr>
<tr>
<td>800-899</td>
<td>80-89%</td>
<td>B</td>
</tr>
<tr>
<td>700-799</td>
<td>70-79%</td>
<td>C</td>
</tr>
<tr>
<td>600-699</td>
<td>60-69%</td>
<td>D</td>
</tr>
<tr>
<td>0-599</td>
<td>0-59%</td>
<td>F</td>
</tr>
</tbody>
</table>

Description of Graded Work

- You will be required to purchase an access code and will need to register into the MyStatLab classroom.
• There are Lesson Help assignments that must be viewed before homework for that chapter can begin.
• Homeworks and Quizzes are due in “chunks” when the corresponding test is due. For example, all Chapter 4 homeworks and quizzes are due when the Chapter 4 Test is due.

Attendance and Your Final Grade
This course is a distance course so engagement is imperative. For help students are encouraged to email me and use the resources available through MyStatLab. For special help students are encouraged to come to The Hub on campus, S251 in the Student Services building, during hours when tutors for your course are available.

Late Work Policy
Late work will not be accepted. It is your responsibility to keep up with assignment due dates. Please refer to your course calendar for due dates.

Other Course Policies
TI-84 Plus is required the 1st day of class. The TI-89, TI-92 or TI-Nspire will not be allowed to use on any test.

Final grades are posted in eConnect at the end of the semester. They are no longer mailed to students. You may obtain your final grades in any DCCCD course online at https://econnect.dcccd.edu/. From the student menu, select “My Grades” under “My Personal Information.” If you are not already logged in, you will be prompted to do so. Select the grade type you wish to review. Press the submit button and all grades for the selected grade type will be displayed.

Incomplete grades are given when an unforeseen emergency prevents a student from completing the work in a course. The division Dean must approve all “I” grades

Institutional Policies
Institutional Policies relating to this course can be accessed using the link below. These policies include information about tutoring, Disabilities Services, class drop and repeat options, Title IX, and more.

Brookhaven Institutional Policies (http://www.brookhavencollege.edu/syllabipolicies)
Summer Academic Semester, 2020

Summer I:
(Five-Week Summer I includes classes meeting on the following Fridays -- June 5, 12, 19, and 26.)

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>July 3 (Saturday)</td>
<td>Independence Day Holiday</td>
</tr>
<tr>
<td>July 6 (Monday)</td>
<td>Classes Begin</td>
</tr>
<tr>
<td>July 9 (Thursday)</td>
<td>4th Class Day (Certification Date)</td>
</tr>
<tr>
<td>July 29 (Wednesday)*</td>
<td>Last Day to Withdraw *</td>
</tr>
<tr>
<td>August 6 (Wednesday)</td>
<td>Final Exams/Summer I Ends</td>
</tr>
<tr>
<td>August 8 (Saturday)</td>
<td>Last Day for faculty to submit grades electronically through eConnect to the Registrar's Office.</td>
</tr>
</tbody>
</table>

*This withdrawal date applies only to summer session courses. Classes that begin on different dates may have different deadlines to withdraw. Students should check "My Class Schedule" in eConnect to determine the last date to withdraw for each of their classes.*