Central Connecticut State University  
Department of Mathematical Sciences  
Spring 2021 Syllabus  
Stat 104-06  
Monday/Wednesday: 5:55p.m. – 7:10p.m.  
Virtual Class

Instructor:  Assistant Professor Angela Johnson-Shaw  
Contact:  (860) 817-0983 (cell)  
Email:  Shawa@ccsu.edu  
Office Hours:  Monday 7:15 p.m. – 8:15 p.m.  
Wednesday 7:15 p.m. – 7:45 p.m.  
OTHERS BY APPOINTMENT ONLY

Angela Johnson-Shaw’s Personal Meeting Room:  
https://ccsu.webex.com/meet/Shawa

Prerequisite:  Placement examination, SAT/ACT exemption or a grade of C- or higher in Math 101, 102, or 103. No credit will be given to students possessing credit for Stat 200 or Stat 215.

This book is no longer available on reserve at the library.  
Due to COVID-19, you will not have access to Discovering Statistics at the Circulation Desk.

Course Description:  This course introduces students to the basics of statistics: data, descriptive statistics, inferential statistics, tables, graphs, variables (qualitative, quantitative, discrete, continuous), measures of center (mean, median, mode, midrange), measures of spread, (variance, standard deviation, interquartile range), measures of distribution shape (skewed right, skewed left, symmetrical), detecting outliers, probability, probability distributions (discrete, continuous), sampling, sampling distributions, confidence intervals, determining sample size, hypothesis testing about a population mean for the population standard deviation known and unknown cases.
Course Objective: Upon completion of this course, students will be able to analyze and interpret data.

Goal: The major goal of this course is to facilitate an understanding for analyzing and interpreting data.

Format: This is an online course. All work will be completed online.

Time Commitment: Study time will vary depending upon each student’s intellectual capacity. Most students should spend at least 2 hours of study outside classroom instruction for every 1 hour of classroom instruction. Therefore, for this 3-credit course, most students should spend a minimum of 6 hours of study outside classroom instruction per week.


Note: Please contact the IT (Informational Technology) Department at 860-832-1720 or email techsupport@ccsu.edu to ensure that your computer is compatible with Blackboard. If you experience any problems submitting assignments via the Blackboard portal, you may have compatibility issues.

Attendance: Mandatory. You are expected to be in attendance every Monday and Wednesday evenings from 5:55 p.m. to 7:10 p.m. Please logon 5 minutes before class to ensure that you do not miss any important information.

Self Assessment: Self Assessments are given solely to check your understanding on specific content. Self Assessments are non-gradable assignments.

Homework: Homework assignments are gradable.

Due Dates: Due dates are strictly enforced. All work must be submitted by its scheduled due date.

Quizzes: Quizzes will be given regularly and will be combined to account for one (1) test grade worth 100 points.

Make-ups: There will be NO make-up examinations or quizzes given unless there is an extenuating circumstance. Proper documentation must be submitted to the instructor via CCSU email before the beginning of class following a missed quiz or examination. Submitted documentation will be reviewed.
and the student will be informed whether he/she will be allowed to make-up the missed quiz or examination.

**Projects:** You will be given 3 - 4 projects for this course. Tables, graphical displays, etc., submitted for this course will be constructed using **MICROSOFT EXCEL**. Submitted reports of data analyses, tables and graphical displays will be **cut and pasted from MICROSOFT EXCEL into MICROSOFT WORD (NO EXCEPTIONS)**.

**Exams:** You will be given a total of five (5) examinations. If you miss an examination due to some unforeseen circumstance and you do not have proper documentation to support your absence, there will be no make-up examination given in lieu of that examination. The lowest of five (5) examinations will be dropped. The missed examination will fulfill the lowest examination grade and it will be the examination that will be dropped.

**Final Examination:** The final examination will be cumulative and cannot be dropped. You must take the final examination at the specified time for this course, **Wednesday, May 12, 2021 from 5:30 p.m. – 7:30 p.m.**

**Class Participation:** You will be given 0 – 5% credit added to your final grade for class participation. Class Participation will entail posting and replying to questions posed on a Discussion Board, as well, actively attending and participating in virtual class.

**Grading:**

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<th>Component</th>
<th>Percentage</th>
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<tr>
<td>Homework</td>
<td>20%</td>
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<tr>
<td>Examinations</td>
<td>30%</td>
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<tr>
<td>Projects</td>
<td>25%</td>
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<tr>
<td>Final Examination</td>
<td>25%</td>
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**Minimum Averages**

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<th>Grade</th>
<th>Minimum Average</th>
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<tbody>
<tr>
<td>A</td>
<td>93%</td>
<td>B+</td>
<td>87%</td>
<td>C+</td>
<td>77%</td>
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<tr>
<td>A-</td>
<td>90%</td>
<td>B</td>
<td>83%</td>
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<td>73%</td>
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<tr>
<td>B-</td>
<td>80%</td>
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<td>D-</td>
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**Withdrawal:** The last day to withdraw from this course and receive the grade of “W” without approval is **Monday, April 19, 2021**. It is strongly recommended that students consult with their academic advisors prior to deciding to withdraw. Cessation of attendance, notice to the instructor, or telephone calls to the Enrollment Center are not considered official notices of a student’s intention to drop the course. After **April 19, 2021** withdrawals are allowed only under extenuating circumstances and
require approval of the course instructor, department chair and dean (in that order).

**Academic Integrity:** All students are expected to demonstrate academic integrity in the completion of coursework. Academic integrity means doing one’s own work and giving proper credit to the work and ideas of others. It is the responsibility of each student to become familiar with what constitutes academic dishonesty and plagiarism and to avoid all forms of cheating and plagiarism. Students who engage in plagiarism and other forms of academic misconduct will face academic and possibly disciplinary consequences. Academic sanctions can range from a reduced grade for the assignment to a failing grade for the course. From a disciplinary standpoint, an Academic Misconduct Report may be filed and a Faculty Hearing Board may impose sanctions such as probation, suspension or expulsion. For further information on academic misconduct and its consequences, please consult the Student Code of Conduct (http://www.ccsu.edu/StudentConduct) and the Academic Misconduct Policy (http://www.ccsu.edu/Academicintegrity).

**DO NOT SUBMIT SOLUTIONS FROM CHEGGS, QUIZLET, OR ANY OTHER SITE WHICH PROVIDE SOLUTIONS TO PROBLEMS FOR THIS COURSE**

**Netiquette:** Netiquette or Internet etiquette, are guidelines used to maintain effective communication online. Instructor and student will demonstrate appropriate netiquette when interacting with each other online. Basic guidelines are as follows:

- Follow the same standards of behavior online that you would follow in a face-to-face discussion
- Do not use ALL CAPS when posting, this is considered shouting
- Do not “flame” other students in a discussion. Flame is considered as being highly critical, sarcastic, or ridiculing
- Treat other students in the discussion in a polite and respectful manner
- Keep your questions and comments relevant to the discussion topic. If another student posts a comment or question that is off topic, do not reply. The instructor will reply in private to the student

**Technical Support:** Instructors are not expected to provide technical support. Please contact the IT Help Desk at 860-832-1720 or email techsupport@ccsu.edu for your technical needs.
Citrix/Remote Application Server

Students who do not have Microsoft Excel installed on their computer may access it through the Remote Application Server called Citrix. Follow the instructions under “How To Access” in this web link – [http://www.ccsu.edu/it/serviceCatalog.html?id=7](http://www.ccsu.edu/it/serviceCatalog.html?id=7) If you require further assistance contact the IT Help Desk directly at 860-832-1720, Monday through Thursday 7:30 a.m. – 8:00 p.m. and Friday, 7:30 a.m. – 5:00 p.m.

Once the installation completes the login will require you to login with your username using the student domain, which is `ccsu_aca_comp`\.

For example if the username were “jd1234” you would enter: `ccsu_aca_comp/jd1234`

Inclement Weather: In the event of a weather emergency which requires curtailment or cancellation of classes, listen to WTIC (1080AM) or call 860-832-3333 for the “general snow message.”

Disability Statement: Central Connecticut State University provides reasonable accommodations in accordance with the Americans with Disabilities Act and Section 504 of the Rehabilitation Act for students with documented disabilities on an individualized basis. If you are a student with a documented disability, and would like to request academic accommodations, you are encouraged to contact Student Disability Services (SDS) at 860-832-1952, or email disabilityservices@ccsu.edu. Please visit the SDS website at [http://www.ccsu.edu/sds/](http://www.ccsu.edu/sds/) to download an intake form and documentation requirements. Once approved, SDS suggests that students discuss their approved accommodations with their professors, as well as any other additional medical emergency needs. Temporary impairments may also qualify for accommodations. Please note that accommodations are not retroactive and must be requested each semester.

Please contact me privately to discuss your specific needs if you believe you need course accommodations based on the impact of a disability, medical condition or if you have emergency medical information to share. I will need a copy of the accommodation letter from Student Disability Services in order to arrange your class accommodations.
Discrimination/Harrassment: Central Connecticut State University strives to maintain our campus as a place of work and study for faculty, staff, and students that is free of all forms of prohibited discrimination and harassment based upon age; ancestry, color; gender identity and expression; intellectual disability; learning disability; mental disorder; physical disability; marital status, national origin; race; religious creed; sex (including pregnancy, transgender status, sexual harassment and sexual assault); sexual orientation; or any other status protected by federal or state laws. Any student who has concerns should contact the Office of Equity & Inclusion (OEI) at 860-832-1652, Student Affairs at 860-832-1601, or their faculty member. The OEI is located on the main floor of Davidson Hall, room 119.

Sexual Misconduct/Intimate Partner Violence/Stalking: Central Connecticut State University (CCSU) will not tolerate sexual misconduct against students, staff, faculty, or visitors in any form, including but not limited to: sexual assault, sexual exploitation, sexual harassment or stalking, as defined in CCSU policies. For additional information, please consult the CCSU policy at https://www.ccsu.edu/diversity/policies/index.html. All faculty members and staff have a duty to report incidents of sexual harassment including sexual misconduct, intimate partner violence and stalking to Pamela Whitley, Title IX Officer, Office of Equity & Inclusion, Davidson Hall, 119.

To file a report contact: Equity & Inclusion (860-832-1652), Student Affairs (860-832-1601) or Student Conduct (860-832-1667). For criminal complaints, contact the University Police 860-832-2375.

For support and advocacy contact: Office of Victim Advocacy at 860-832-3795 or Joanna Flanagan, jflanagan@ccsu.edu; Student Wellness Services at 860-832-1945 (confidential); Women’s Center at 860-832-1655; the local YWCA’s Sexual Assault Crisis Services Hotline at 860-223-1787 (confidential) and Prudence Crandall Center for Domestic Violence (confidential) at 888-774-2900 (24 hour hotline).
Resources Available:

a. Instructor’s Office Hours; do not wait until just before an examination to seek help.

b. Free tutoring is available in The Learning Center, located in Carroll Hall, Room 016. They can be reached at 860-832-1900. Presently, The Tutor Lab is fully online. Student’s can make an appointment with a tutor accessing the following link: https://outlook.office365.com/owa/calendar/TheLearningCenter@my.csu.edu/bookings/ or you may access SmartThinking up to 8 hours of free tutoring on BlackBoard Learn under Tools 24/7.

c. List of Professional Tutors for hire (Department of Mathematical Sciences)

Important Dates:

January 26 Classes begin
January 26 – February 1 Add/Drop Period
February 2 – 16 Full-time students may drop courses but cannot drop below full-time status
February 12 – 15 Presidents’ Holiday Break – No Day or Evening Classes
March 22 Midterm
April 2 – 4 Good Friday Holiday (Day of Reflection) No Day or Evening Classes
April 19 Last day to crop course without approval; “W” grade will be entered
May 9 Last day of classes
May 10 – 16 Final Exams
May 23 University Spring Commencement
May 31 Memorial Day; Semester Ends