Central Connecticut State University  
Department of Mathematical Sciences  
Fall 2021 Syllabus  
Stat 104-07  
Tuesday/Thursday: 7:20p.m. – 8:35p.m.  
Willard & DiLoreto Halls W307

Instructor: Assistant Professor Angela Johnson-Shaw

Contact: (860) 817-0983 (cell)

Email: Shawa@ccsu.edu

Office Hours: Maria Sanford 219 (MS 219)  
Tuesday  5:00 p.m. – 5:45 p.m. / 8:45 p.m. – 9:30 p.m.  
Thursday  5:00 p.m. – 5:45 p.m. / 8:45 p.m. – 9:30 p.m.  
OTHERS BY APPOINTMENT ONLY via Office  
Or  
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 a traditional lecture course to be taught on campus at CCSU in W307 of Willard & DiLoreto Halls. All completed work (homework, projects, assessments) will be **hand delivered** to the instructor on its due date.

**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, per week, a minimum of 6 hours of study outside classroom instruction.

**Tools:** Pencil, Paper, Graphing Calculator (preferably TI-83/TI-83 Plus/TI-84), Computer, Microsoft Word, Microsoft Excel, Cisco WebEx (for meetings outside assigned office hours), Blackboard Learn.

**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. Although this is not an online course, I will post notes, assignments, self-assessments, projects, videos, etc. on Blackboard for your perusal. If you experience any problems retrieving information submitted via the Blackboard portal, you may have compatibility issues.

**Attendance:** **Mandatory.** You are expected to be in attendance every Tuesday and Thursday evenings from 7:20 p.m. to 8:35 p.m. If you arrive late, please do not interrupt class to inform me of your presence. It will be your responsibility to approach me at the end of lecture to ensure that you are marked present.

**Self Assessment:** Self-Assessments are given solely to check your understanding on specific content. Self-Assessments are non-gradable assignments that are only available via Blackboard. Self-Assessments count towards class participation credit.

**Homework:** Homework assignments are gradable. Homework assignments are given for the sole purpose of ensuring concepts taught are understood, as well, to give feedback before an assessment.
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, Tuesday, December 14, 2021 from 7:45 p.m. – 9:45 p.m. in W307.

Class Participation: You will be given 0 – 5% credit added to your final grade for class participation. Class Participation will entail actively attending and participating in class, placing homework problems on white board before lecture, as well, taking self-assessments on Blackboard.
Grading:

- Homework: 25%
- Examinations: 30%
- Projects: 20%
- Final Examination: 25%

Minimum Averages

- A: 93%
- B+: 87%
- C+: 77%
- D+: 67%
- A-: 90%
- B: 83%
- C: 73%
- D: 63%
- B-: 80%
- C-: 70%
- D-: 60%

Withdrawal: The last day to withdraw from this course and receive the grade of “W” without approval is Wednesday, November 17, 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 Wednesday, November 17, 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 CHEUGS, 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
- Keep your questions and comments relevant to the discussion topic.

**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  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.

c. List of Professional Tutors for hire (Department of Mathematical Sciences)
## Important Dates:

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
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<tbody>
<tr>
<td>August 26</td>
<td>Classes begin</td>
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<tr>
<td>August 26 – September 1</td>
<td>Add/Drop Period</td>
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<tr>
<td>September 2 – 15</td>
<td>Full-time students may drop courses but cannot drop below full-time status</td>
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<tr>
<td>September 6</td>
<td>No classes (Labor Day Holiday)</td>
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<tr>
<td>October 20</td>
<td>Midterm</td>
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<td>November 17</td>
<td>Last day to drop course without approval; “W” grade will be entered</td>
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<td>November 24</td>
<td>No Classes</td>
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<td>November 24 – 28</td>
<td>No Classes (Thanksgiving Recess)</td>
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<td>December 7</td>
<td>Last day of classes</td>
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<td>December 8 – 14</td>
<td>Final Exams</td>
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<td>December 23</td>
<td>Semester Ends</td>
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