Course Title: Seminar in Proof – Spring 2019
MATH 450 - 01
Credits: 4
Prerequisite: MATH 366 and 377 (both with grades of C- or higher), one of which may be taken concurrently.

Course Description: This is a seminar where the students and the instructor collaborate by examining topics from different areas of mathematics that go beyond what is normally covered in the standard courses of the major. Each student is expected to develop a research paper. The topic and the plan for this paper must be submitted for approval by Friday, March 8th.

Instructor: Nelson Castaneda
Office: Marcus White 123
Phone: 860 832-2851
Email: castanedan@ccsu.edu

Office Hours: Mondays from 6 to 7 PM, Tuesdays and Thursdays from 3 to 5 PM. We can arrange to meet at other times when necessary.

Class Meeting Times: Mondays, Wednesdays, Fridays 10:50 AM - 12 PM in Maria Sanford Hall 207.

Research Paper: Every student must investigate a topic and produce a paper written using \LaTeX. Guidelines and deadlines for the paper will be posted on Blackboard Learn. The final presentations will take place during the last week of classes and also Wednesday, May 15 from 10:30 AM to 12:30 PM.

Textbook: The books required for this course are


Throughout the semester the students will consult several sources as needed. The file Links of Interest posted on blackboard learn provides a starting list of resources. The file will be updated with other resources that the students find useful for their work.

Assessment: Your grade will be based on: Attendance; Research and effort throughout the semester; Productive work during class time; Collegiality; Quality of the research paper. Four missed classes without justifiable reason will result in a one-letter reduction of the course grade.
University Policies:

1. For this seminar there is no final exam. Instead you have to write a paper, report on your progress throughout the semester, and deliver a final presentation at the end of the semester.

2. If you need course adaptations or accommodations because of a disability, if you have emergency medical information to share with me, or if you need special arrangements in case the building must be evacuated, please make an appointment with me as soon as possible. My telephone number and office hours are given above.

3. In the event of a weather emergency which requires curtailment or cancellation of classes, listen to WTIC (1080 AM) or call (860) 832-3333 for the “general snow message,” or check the online Cancellation/Delay Information.

4. Students may drop full semester courses up to the last day of the third week of classes in the regular semester. Courses dropped by Monday, February 11 will not appear on the students transcript. Please drop the course by February 11 if you think that this course is not appropriate for you. Feel free to stop by my office to discuss your situation.

5. Students withdrawing from a full semester course from February 11 through April 22 (through the 12th week of the semester) may do so by completing a withdrawal form. A notation of W will appear on the student transcript. Withdrawals during this time do not require written authorization; however, it would be prudent for the student to discuss this matter with their instructor or/and their academic advisor.

6. Forms to either drop or withdraw from a course may be found on the registrar’s website or obtained in the registrar’s Office in Willard - DiLoreto Hall, Room D 202.

7. Cessation of attendance, notice to the instructor, or telephone calls to the Enrollment Center are not considered official notice of a student’s intention to drop the course. After April 22nd withdrawals are allowed only under extenuating circumstances, only for students who are passing the course, and require written approval of the course instructor and the department chair.

8. 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 website of the Office of Diversity and Equity.

9. You are responsible for understanding and abiding by the University’s policy on academic integrity. Information on the policy may be found at Academic Integrity Policy. This policy is rigorously enforced by the Department of Mathematical Sciences.

10. All students are expected to demonstrate integrity in the completion of their course work. 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.

11. For further information on academic misconduct and its consequences, please consult the Student Code of Conduct and the Academic Misconduct Policy.