Prerequisite/Co-Requisites:
MATH 119 (C- or higher), or MATH 115 (C- or higher) and MATH 116 (C- or higher), or adequate score on the Mathematics Placement Exam.

Course Description:
This course is for students majoring in engineering technology. Topics include analytical geometry, limits, and differentiation. Exponential, logarithmic, and trigonometric functions are included. Applications to physics and engineering problems will be emphasized. No credit given to students with credit for MATH 124, MATH 125, or MATH 152.

Textbook: Technical Calculus with Analytic Geometry

Chapter Covered:
Chapter 1
Chapter 2
Chapter 3
Chapter 6


Supplementary notes and sets of practice problems can be posted on Blackboard Learn.

Evaluation Procedures:

For the learning process to be effective, you are expected to complete online homework in a timely manner and take the exams on their assigned dates. Your performance in this course is assessed using multiple, varied methods in the areas listed below. The average for the course will be based on the following weights:

<table>
<thead>
<tr>
<th>Component</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Attendance and participation</td>
<td>5%</td>
</tr>
<tr>
<td>Exam 1</td>
<td>17%</td>
</tr>
<tr>
<td>Exam 2</td>
<td>17%</td>
</tr>
<tr>
<td>Exam 3</td>
<td>18%</td>
</tr>
<tr>
<td>Exam 4</td>
<td>18%</td>
</tr>
<tr>
<td>Final Examination</td>
<td>25%</td>
</tr>
<tr>
<td>Total</td>
<td>100%</td>
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</tbody>
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Date: 12/08/21, 5:30pm - 7:30pm

Coursework Expectations:
Attend and participate in class regularly; complete homework assignments; take quizzes and tests, as scheduled. A general rule for any college course is that you are expected to put in at least 2 hours of work outside of class for every hour in class.
Graphing Calculators:
The recommended calculator is one of the following: TI-83, TI-83+, TI-84, TI-84+. Calculators with a symbolic capability such as the TI-89 and TI-92 are not allowed on quizzes, tests and final exams. You MAY NOT use the calculators on your phones in class or on tests/ quizzes.

NOTE: Test and quizzes may have parts with no calculators allowed.

Withdrawal Policy: Students may withdraw from a class through the Registrar’s Office according to the following schedule:
Thursday, 09/16/2021 – Wednesday, 11/17/2021. Student receiving financial aid and/or veteran’s assistance should contact the appropriate office before dropping or withdrawing from courses.

Resources Available:
1. If you need help, take advantage of your instructor’s office hours. Do not wait until just before the first test to do so.
2. Free ONLINE tutoring is available in The Learning Center – located in Dilorreto 316. They can be reached at (860) 832-1900. A schedule for the hours the Center is open will be posted soon after the beginning of the semester.
3. Form a study group with other students in your section. Explaining solutions to homework problems to each other is a good way to learn.
4. A list of private tutors for hire is available in the Math Department office, Room 128 Marcus White, (860) 832-2835.

ADA Statement:
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/ to download an Intake form and documentation requirements.

Temporary impairments may also qualify for accommodations. 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.

University Policies:
1. You must take the final examination on:
   Wednesday, 12/08, 2021, 05:30pm – 07:30pm
2. 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.”
3. The last day to withdraw from a course without instructor approval is Tuesday, November 17, 2020. 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 Registrar’s Office are not considered official notice of a student’s intention to drop the course. After April 20th, withdrawals are allowed only under extenuating circumstances and require approval of the course instructor and department chair (in that order).

Central Connecticut State University (CCSU) complies with the letter and spirit of the Federal laws, the Americans with Disabilities Act of 1990 and Section 504 of the Rehabilitation Act. CCSU Student Disability Services (SDS) staff approves and coordinates reasonable accommodations that provide equal access and educational equity to undergraduates and graduate students who have a documented disability. Through an individual interactive process, SDS arranges reasonable accommodations, auxiliary aids, and modifications to the learning environment and/or campus based on received documentation and functional limitations of the student. While it is advisable that students arrange for accommodations prior to the start of the semester, a request and approval for accommodations can be made at any time during the semester. SDS notifies faculty of approved accommodations through an emailed accommodation letter, and students are copied and advised to discuss class accommodation arrangements with their instructors. SDS provides some auxiliary aids and a proctored testing center for accommodated exams.

In some cases, SDS staff may contact and consult with faculty to discuss essential requirements of a course or program of study. SDS encourages faculty to also call when questions arise about accommodation arrangements. In order to make students aware of Student Disability Services, we encourage faculty to include the following suggested syllabus statement and to bring attention to the statement with a general announcement at the beginning of the semester. SDS appreciates your cooperation and collaboration in ensuring accessibility throughout our campus. Please contact our office if you have any questions or concerns: Willard Hall, Room 201, Stanley Street, New Britain, CT 06050; T: 860-832-1952 F: 860-832-1865: Disabilityservices@ccsu.edu

Note: Departures from this outline and the following schedule responsive to the needs of the students may be made at the discretion of the instructor. Extra credit assignments may be assigned at the instructor’s discretion.