CONNECTICUT STATE UNIVERSITY
Department of Mathematical Sciences

MATH 115  Trigonometry     CRN 11179     Section 01

READ THIS SYLLABUS CAREFULLY.
YOU ARE RESPONSIBLE FOR KNOWING THIS INFORMATION!

Prerequisite: MATH 101 (C- or higher) or MATH 102 (B- or higher) or MATH 103 (C- or higher) or placement exam.

Restrictions: No credit given to students with credit for MATH 119, 124, 135 or 152. Can be used to meet requirements of a major or minor in mathematics only for students seeking elementary, early childhood or middle level certification. Not recommended for use in meeting certification requirements for secondary school mathematics. If you have any questions about these restrictions, contact the Department of Mathematical Sciences at 860-832-2835.

Course Description: Study of relations, functions (special emphasis on the six trigonometric functions), inverses, and graphs. An analytic approach to trigonometry using circular functions, angular measures, identities, graphs and inverses.

Basic Goals of the Course: This course introduces students to the fundamental concepts of trigonometry with a view to facilitate application to various fields.

Instructor: Thomas J. Tiezzi

Phone: 860-832-2835 (Math Dept) (Please use phone for urgent matters only; for all other matters please use email to contact me)

E-Mail: tiezzi_thj@ccsu.edu

Office: Maria Sanford Hall, Room 211/Room 219

Office Hours: Tuesday and Thursday, 12:00 P.M.– 1:30 P.M., and by appointment (usually remotely)
ISBN: 9781119500919 or 9781119500926  
(You must purchase access to WileyPLUS.)

Coverage: Chapters 1, 2, 3, 4, 5, 6, 7.1, 7.2, 7.3

Class Meeting Times and Place: Tuesday and Thursday, 3:05-4:20 P.M.  
Henry Barnard Hall, Room 413  
Attendance will be taken

WileyPLUS: Assignments will be given and graded in WileyPLUS. Each WileyPLUS assignment will be aligned with a corresponding test to help students prepare for that test.

Graphing Calculator: Students should bring a graphing calculator (with trigonometric function capabilities), preferably a TI-84 or TI-84Plus, to class.

Non-Graded Additional Problems: Students should master the course material by doing as many problems as possible in the textbook. Answers to odd-numbered exercises are at the back of the book.

Blackboard Learn: The instructor will use Blackboard Learn, as well as other means, to communicate with students. Students must check Blackboard Learn for postings of grades, assignments, due dates, changes in schedule, announcements, etc.

Electronic Devices Policy: Cell phones, laptops, MP3’s, PDA’s, or any form of personal electronic or communication devices, are not to be used during class, exams, or quizzes unless special accommodations are necessary.

University Policies:

1. You must take the final examination at the time specified in the course selection book:  
   **Tuesday, December 14, 2021, 1:00-3:00 P.M., in Henry Barnard Hall, Room 413.**
2. **Student Disabilities Services.** 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.

3. **Statement on Discrimination and Harassment.** 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 about should contact the Office for 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,

4. **Intimate Partner Violence and 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 for Equity & Inclusion, Davidson Hall, 119. To file a report, contact: Equity & Inclusion (860-832-1652), Student Conduct (860-832-1667) or Student Affairs (860-832-1601). For criminal complaints, contactthe University Police (860-832-2375). For support and advocacy, contact: Office of Victim Advocacy at 860-832-3795; 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).
5. **Academic Integrity.** The CCSU honor code for Academic Integrity is in effect in this class. You may find it online at: http://web.ccsu.edu/academicintegrity/UndergradAcadMisconductPolicy.htm. Please read it carefully. As this policy clearly states, plagiarism and other forms of cheating are forbidden. All writing and other creative work you submit in this class must be your own. You will be punished justly if you use any author’s phrasings or ideas without citation.

You are responsible for understanding and abiding by the University’s policy on academic integrity. This policy is rigorously enforced by the Department of Mathematical Sciences.

6. 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.”

7. The last day to drop the course is **Wednesday, September 1, 2021**.

8. The last day to withdraw from a course and receive the grade of “W” is **Wednesday, November 17, 2021**. Approvals for withdrawal on or prior to this date are not required; however, 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 notice of a student’s intention to drop the course. After **November 17th** withdrawals are allowed only under extenuating circumstances and require approval of the course instructor, department chair and dean of the School of Arts and Sciences. A poor grade is not considered an extenuating circumstance.

**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 tutoring is available in The Learning Center -- located in Willard Hall, Room 101. 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 107 Marcus White, (860) 832-2835.

**Evaluation**

Minimum averages have been established for each of these grades:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Minimum Average</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>93%</td>
</tr>
<tr>
<td>A-</td>
<td>90%</td>
</tr>
<tr>
<td>B+</td>
<td>87%</td>
</tr>
<tr>
<td>B</td>
<td>83%</td>
</tr>
<tr>
<td>C+</td>
<td>77%</td>
</tr>
<tr>
<td>C</td>
<td>73%</td>
</tr>
<tr>
<td>D+</td>
<td>67%</td>
</tr>
<tr>
<td>D</td>
<td>63%</td>
</tr>
<tr>
<td>B-</td>
<td>80%</td>
</tr>
<tr>
<td>C-</td>
<td>70%</td>
</tr>
<tr>
<td>D-</td>
<td>60%</td>
</tr>
</tbody>
</table>

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>Graded WileyPLUS Assignments</td>
<td>39%</td>
</tr>
<tr>
<td>Tests</td>
<td>36%</td>
</tr>
<tr>
<td>Final Examination</td>
<td>25%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>100%</strong></td>
</tr>
</tbody>
</table>

**Schedule of Important Dates**

**September 1, 2021 (Wednesday)**--last day to drop the course

**November 17, 2021 (Wednesday)**--last day to withdraw from the course (with “W”)

**December 14, 2021 (Tuesday), 1:00-3:00 P.M.** -- Final Examination  
   in Henry Barnard Hall, Room 413.
**Tentative Schedule**—to-date WileyPLUS assignments will be entered in Blackboard on Test and Final Examination dates

08/26-09/21  Chapters 1 and 2

09/23  Test # 1-- Chapters 1 and 2

09/28-10/21  Chapters 3, 4, 5.1 and 5.2

10/26  Test # 2-- Chapters 3, 4, 5.1 and 5.2

10/28-11/23  Chapters 5.3, 5.4, 5.5, 6, 7.1, 7.2 and 7.3

11/30  Test # 3-- Chapters 5.3, 5.4, 5.5, 6, 7.1, 7.2 and 7.3

12/02-12/07  Review

12/14  Final Examination

All WileyPLUS assignments due by 1:00 P.M.