

**2022-2023**

**TUNXIS COMMUNITY COLLEGE - GRADUATION GUIDE**

**CSCU Transfer Ticket : Mathematics Studies, A.A. (J12JG07)**

Central Connecticut State University: Mathematics, B.A.; Mathematics, B.A.-Actuarial Science Specialization;  
Mathematics, B.A.-Statistics Specialization

Eastern Connecticut State University: Mathematics, B.A.

Southern Connecticut State University: Mathematics B.A.; Mathematics, B.S.-Concentration: Applied

Western Connecticut State University: Mathematics, B.A.; Mathematics, B.A.-Computer Science Option

Charter Oak State College: General Studies-Mathematics Concentration, B.A.

**STUDENT:**

**BANNER ID #:**

| <b>FRAMEWORK 30:</b>  | <b>COURSE TITLE/CHOICES</b>  | <b>CODE</b>        | <b>S.H.</b> | <b>SEM.</b> | <b>Grade</b> | <b>Quality Points</b> |
|---|--|--------------------|-------------|-------------|--------------|-----------------------|
| <b>General Education Requirements</b>   |  |                    |             |             |              |                       |
| <b>Aesthetic Dimensions</b><br>Select from ART*, DGA*, GRA*, MUS*, NMC*, COM*154/167/211, ENG*281/283/285, or THR*101   |  |                    | 3           |             |              |                       |
| <b>Continuing Learning/Information Literacy</b><br>Select from ACC*123, BBG*115, CSC*101, CST*201, ENG*103<br><i>Oral Communication is embedded in courses listed.</i>                                |  |                    | 3           |             |              |                       |
| <b>Critical Analysis &amp; Logical Thinking</b><br>Select from BBG*240, COM*101/201, ENG*114-ENG*260, ENG*293, HIS*213 and above, or PHL*<br><i>Written Communication embedded in courses listed.</i> |  |                    | 3           |             |              |                       |
| <b>Historical Knowledge &amp; Understanding</b><br>Select from courses below HIS*213<br><i>Oral Communication is embedded in courses listed.</i>  |  |                    | 3           |             |              |                       |
| <b>Quantitative Reasoning</b>   | Pre-Calculus (a)   | MAT*186            | 4           |             |              |                       |
| <b>Scientific Knowledge &amp; Understanding</b><br>Select from BIO*122, CHE*122, PHY*122, PHY*222<br><i>(Must choose 2nd course in the sequence)</i>  | <i>(PHY*122 is highly recommended)</i>   |                    | 4           |             |              |                       |
| <b>Scientific Reasoning</b><br>Select from BIO*121, CHE*121, PHY*121, PHY*221<br><i>Ethical Dimensions embedded in courses listed.</i>  | <i>(PHY*121 is highly recommended)</i>   |                    | 4           |             |              |                       |
| <b>Social Phenomena Knowledge/Understanding</b><br>Select from ANT*, COM*172, ECN*, GEO*, POL*, PSY*, or SOC*<br><i>Ethical Dimensions embedded in courses listed.</i>                                |  |                    | 3           |             |              |                       |
| <b>Written Communication I</b>  | Composition (a)  | ENG*101            | 3           |             |              |                       |
| <b>Written Communication II</b><br>Select from ENG*103 or ESL*162   |  |                    | 3           |             |              |                       |
| <b>FRAMEWORK 30 TOTAL</b>   |  |                    | <b>33</b>   |             |              |                       |
| <b>PATHWAY 30:</b>  |  |                    |             |             |              |                       |
| <b>Major Program Requirements*</b>  |  |                    |             |             |              |                       |
| <b>Major Program Requirement</b>  | Prog. Logic & Design w/Visual Basic (a)  | CSC*126            | 3           |             |              |                       |
| <b>Major Program Requirement</b>  | Calculus I (a)<br><i>(WCSU requires C or better in this course)</i>                  | MAT*254            | 4           |             |              |                       |
| <b>Major Program Requirement</b>  | Calculus II (a)<br><i>(WCSU requires C or better in this course)</i>                 | MAT*256            | 4           |             |              |                       |
| <b>Major Program Requirement</b>  | Calculus III: Multivariable (a)<br><i>(WCSU requires C or better in this course)</i> | MAT*268            | 4           |             |              |                       |
| <b>Major Program Requirement</b>  | Differential Equations (a) or<br>Linear Algebra (a)                                  | MAT*285<br>MAT*272 | 3           |             |              |                       |

|   |  |  |     |  |  |
|---|--|--|-----|--|--|
| <b>Unrestricted Electives</b>   |  |  |     |  |  |
| <b>Unrestricted Elective (b)</b><br>(First Year Experience (CSS-101) is highly recommended to fulfill this Unrestricted Elective) |  |  | 3   |  |  |
| <b>Unrestricted Elective (b)</b>  |  |  | 3-4 |  |  |
| <b>Unrestricted Elective (b)</b>  |  |  | 3-4 |  |  |

**PATHWAY 30 TOTAL 27-29**

**TRANSFER TICKET TOTAL 60-62**

(a) Prerequisite and/or corequisite required.

(b) To be selected in consultation with faculty advisor based on student's program of study. You are free to choose any courses at or above 100-level to complete unrestricted electives, although you may need to use these credits to take courses that prepare you for required courses in the degree program. You should also consider using unrestricted electives to meet foreign language requirements for your program or to begin work on completing a minor. Central Connecticut State University will require that you complete a minor by earning at least 18 credits in one area outside your major field; you must complete at least 9 of those minor credits at Central Connecticut State University. You can also complete other General Education requirements for CCSU, SCSU, WCSU, and COSC - but not ECSU. You are encouraged to meet with your advisor to determine which courses to select.

Southern Connecticut State University requires a G.P.A. of 2.0 in Mathematics courses applied toward the major, and no more than one grade below C- in courses applied toward the major.

Western Connecticut State University requires a C or better in MAT\*254, MAT\*256, MAT\*268.

To graduate and be guaranteed admission to a State University or Charter Oak State College, the student must earn an overall 2.0 grade point average.

Upon completion of 60 credits, this Guide must be signed below and filed with the Records Office. Failure to do so may result in a delay of graduation.

**STUDENT SIGNATURE:** \_\_\_\_\_

**DATE:** \_\_\_\_\_

**ADVISOR SIGNATURE:** \_\_\_\_\_

**DATE:** \_\_\_\_\_

**COLLEGE POLICY REQUIRES THAT STUDENTS WHO HAVE COMPLETED SIX CREDITS MUST TAKE THE PLACEMENT TEST IN ENGLISH AND MATHEMATICS AND MEET WITH A STAFF MEMBER TO ENROLL IN A PROGRAM.**

The following quality point averages must be earned by students for academic good standing:

- 1.50 GPA up to 11 Semester Hours
- 1.70 GPA completion of 12-30 Semester Hours
- 2.00 GPA completion of 31-60+ Semester Hours

Students with averages less than those cited may have their achievements reviewed by their advisor. Such a review result in a modified program or other formal action.

**GRADUATION REQUIREMENTS - DEGREE AND CERTIFICATE STUDENTS**

In order to qualify for graduation, a student must be accepted in a degree or certificate program may and have:

- a. achieved a quality point average of 2.0 or more in the courses required for his/her program.
- b. Achieved a minimum grade of C- in Composition for all degree programs and where indicated for certificates.
- c. Filed with the Records Office, by March 1st or November 1st, a completed application for graduation.
- d. Filed with the Records Office a Program Guide signed by both the student and their advisor.
- e. Fulfilled all financial obligations to the College.
- f. Completed at least 25% of the minimum credit requirements for the degree or certificate at Tunxis Community College.

Graduation Honors: Graduation Honors will be awarded during the presentation of graduates. Honors are based on program grade point average. Honors criteria are listed as follows:

AA/AS Degree - 30 credits at Tunxis

3.90 – 4.00 = Highest Honors

3.70 – 3.89 = High Honors

3.40 – 3.69 = Honors

Certificate - 15 credits at Tunxis

3.50 = With Distinction

Note: Credits earned in developmental courses do not satisfy degree or certificate requirements.

THE FINAL AND ONLY OFFICIAL EVALUATION WILL BE COMPLETED BY THE REGISTRAR SUBSEQUENT TO THE ADVISOR'S SIGNATURE.