

CAMPUS LOCATION: Dover, Stanton COURSE SEQUENCE SHEET

Curriculum: **Mathematics Secondary Education** Curriculum Code Designation: **EDCAATMSE**

Effective: 202351

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Name: |  |  |  | [ ] No developmental education requirements |

|  |
| --- |
| [ ] ENG 011 |
|  |
|  |
|  |

 | [ ] MAT 052[ ] MAT 062[ ] MAT 099 |
| ID#: |  |  |  |  |  |
|  |  |  |  |  |  |
| Matriculation Date: |  |  |  |  |  |
|  |  |  |  |  |  |

**SSC 100 is a prerequisite for all developmental and 100 level courses.**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  | SEMESTER |  |  |  |  |
| **COURSE NUMBER AND TITLE**  | **Credits** | **Lecture** | **Lab** | **Offered** | **Completed** | **Grade** | PREREQUISITES | **CO-REQUISITES** |

|  |
| --- |
| **FIRST SEMESTER (FALL)** |
| SSC 100 First Year Seminar | 1 | 1 | 0 |  |  |  | None |  |
| ENG 101 Composition I | 3 | 3 | 0 |  |  |  | Test scores or ENG 011 or concurrent |       |
| MAT 281 Calculus I  | 4 | 4 | 1 |  |  |  | MAT 193 |       |
| PSY 121 General Psychology  | 3 | 3 | 0 |  |  |  | SSC 100 or concurrent |       |
| ITN 160 Programming I | 3 | 2 | 2 |  |  |  | SSC 100 or concurrent |       |
| TOTAL | 14 | 13 | 3 |

|  |
| --- |
| **SECOND SEMESTER (SPRING)** |
| MAT 282 Calculus II | 4 | 4 | 1 |  |  |  | MAT 281 |       |
| MAT 263 Principles of Discrete Math | 4 | 4 | 1 |  |  |  | MAT 193 or MAT 281 |       |
| ENG 102 Composition II | 3 | 3 | 0 |  |  |  | ENG 101 |       |
| PSY 127 Human Development | 3 | 3 | 0 |  |  |  | SSC 100 or concurrent |       |
| TOTAL | 14 | 14 | 2 |

|  |
| --- |
| **THIRD SEMESTER (FALL)** |
| \*MAT 285 Intro to Proof (UD)ORMAT 162 Statistical Reasoning (DSU) | 44 | 44 | 10 |  |  |  | MAT 263 and MAT 281MAT062 and (SSC 100 or concurrent) |       |
| MAT 283 Calculus III | 4 | 4 | 1 |  |  |  | MAT 282 |       |
| PHY 281 Physics I with Calculus | 4 | 3 | 3 |  |  |  | MAT 281 |       |
| SPE 233 Introduction to Exceptional Learners**Required observation: 10 hours** | 3 | 3 | 0 |  |  |  | ENG 102 and (EDC 125 or PSY 126 or PSY 127) |       |
| TOTAL | 15 | 15 | 4/5 |

|  |
| --- |
| **FOURTH SEMESTER (SPRING)** |
| EDC 260 Educational Psychology  | 3 | 3 | 0 |  |  |  | PSY 121 or PSY 126 |       |
| SPA 136 Spanish Communication I | 4 | 4 | 1 |  |  |  | SSC 100 or concurrent |       |
| HIS 111 U.S. History: Pre-Civil War ORHIS 112 U.S. History: Post-Civil War | 3 | 3 | 0 |  |  |  | SSC 100 or concurrent |       |
| MAT 288 Linear Algebra | 4 | 4 | 1 |  |  |  | MAT 282 |       |
| MAT 279 Problem Solving Strategies(Capstone) | 4 | 4 | 0 |  |  |  | MAT 263 or higher |  |
| TOTAL | 18 | 18 | 2 |
| GRAND TOTAL | 61 | 61 | 11/12 |

**\*If there is an or statement, please consult your program advisor. All students pursuing articulations should also see a program advisor.**

**\*** **DTCC students intending to transfer to University of Delaware (UD) through a connected degree are advised to confirm their admission eligibility directly with UD.**

Note: The student is responsible for notifying the Academic Advisor, during the registration period prior to his/her last anticipated semester, of his/her expected readiness for graduation. The student is also responsible for notifying the Academic Advisor of any changes to his/her courses that impact graduation.

**PLEASE READ AND SIGN BELOW**

As a student, I am aware that Delaware Technical Community College is an open admissions institution, and my program requires participation in courses with observations, practicums, internships, and field work. These activities REQUIRE one or more medical and background screenings as a condition of enrollment.

As an Education Student, I must complete the following requirements and have the RESULTS on file with the Education Placement Coordinator PRIOR to the first day of any Early Childhood or Education Class.

1. Tuberculosis (TB) test results
2. Federal Criminal Background Check
3. Delaware Criminal Background Check
4. Delaware Child Abuse Registry

The requirements for courses and/or program activities may also include but not be limited to:

1. immunizations and physical examinations
2. drug screenings
3. and other licensing requirements.

As an Education student, I further understand that I am responsible for all arrangements and costs associated with these requirements. It is my responsibility to inquire about conditions and acceptance into courses and programs that may have special requirements.

I can consult with an Academic Advisor or an Academic Counselor in the advisement center to have this policy explained in more detail.

Finally, as an Education student, in order to meet the conditions of the articulation agreement with the transfer university, I must have a cumulative GPA of 2.5, and I must take the PRAXIS I and PRAXIS II.

**Employment after Delaware Technical Community College**

I am also aware conditions of employment are established by potential employers and not by Delaware Technical Community College and such conditions of employment may include or exceed any or all of the above requirements.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

PRINT NAME DATE

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

STUDENT SIGNATURE

**Program Effectiveness:**

The education program is committed to providing quality instruction and to modeling appropriate educational practices. The education department’s primary goal is to prepare students for successful entry into a four year college or university where they will complete academic and certification requirements to become licensed teachers. Student learning outcome assessments are used to measure program effectiveness. Measurement instruments include Praxis I pass rates, portfolios evaluations, and department developed tests. Measurement results are utilized for continuous program improvement.