ACADEMIC RHODE MAP
BS TECHNOLOGY EDUCATION MAJOR
Concentration in Teaching

RHODE ISLAND COLLEGE

GENERAL EDUCATION: A complete listing of General Education courses can be found at the Office of Academic Support (OASIS) **401** 456-8083 or online at http://www.ric.edu/recordsoffice/Pages/College-Catalog.aspx look at catalog for year you enrolled. For Gen Ed courses, aside from Second Language requirement, which varies depending on where you are placed, you need ONE course from each category. Second Language 101/102 options are: American Sign, Arabic, French, German, Italian, Japanese, Korean, Latin, Portuguese, or Spanish. For other ways to satisfy the second language requirement look under the Gen Ed. section of the catalog. Any courses marked (F) offered Fall only; (Sp) Spring only. All courses marked with an asterisk * have a prerequisite. For information about Math Placement exam visit: http://www.ric.edu/orientation/Pages/Math-Placement.aspx. Courses with (WID) are Writing in the Discipline courses and will be writing intensive.

Cognates & Academic Major Checklist	Course	More Major and Professional Courses	Course
CHEM 103 General Chemistry I*		TECH 329 Transportation Systems*	
MATH 120 Intermediate Algebra		TECH 406 Methods for Teaching Technical Subjects* (WID)	
MATH 139 Contemporary Topics in Mathematics*		TECH 318 Practicum I: Teaching K-6 Technology Education	
PSCI 103 Physical Science*		TECH 418 Practicum II Teaching Secondary Technology Education*	
TECH 200 Introduction to Technology Systems		TECH 420 Introduction to Student Teaching*	
TECH 202 Design Processes (Sp) (WID)		TECH 421 Student Teaching in Technology Education*	
TECH 204 Energy and Control Systems		TECH 422 Student Teaching Seminar in Technology Education*	
TECH 216 Computer Aided Design		CEP 215 Introduction to Educational Psychology*	
TECH 305 Teaching and Learning in Technology Education* (WID)		FNED 101 Introduction to Teaching and Learning	
TECH 306 Automation and Control Systems*		FNED 246 Schooling for Social Justice*	
TECH 326 Communication Systems*		SPED 333 Introduction to Special Education*	
TECH 327 Construction Systems*		TESL 401 Introduction to Teaching Emergent Bilinguals*	
TECH 328 Manufacturing Systems*		Either SPED 433 Adaptation of Instruction for Inclusive Ed.* OR TESL 402 Application of Second Language Acquisition Theory*	

This map is a semester-by-semester plan to help you toward graduation in four years. Not everyone graduates in four years as it depends on how many courses you can take, and how you do in those courses. This map is not your only route; it is a suggestion. You might take additional courses over the summer or early spring to catch up or get ahead if the courses you need are offered at these times. While many courses in your major will have prerequisites that will need you to take them in a special order, there is some flexibility in this map, but always double check you have the correct prerequisites for a course you plan to take.

The column to the left on the other side of this page suggests the ideal courses for you to take each semester. There are times when those courses may be full or unavailable the semester you plan to take them, in which case consider another course from a different semester with which you can switch. The column on the right has "Checkpoints" for each semester that show where you should be by the end of that semester. You should work from this map as you plan each semester's schedule, before checking in with your advisor. The Map is designed primarily for freshmen coming to college for the first time, but transfer students may also use the Rhode Map with the understanding that they have most likely completed several requirements through transfer of credit, and will be starting further into the program. Maps assume a Fall start.

GRADUATION REQUIREMENTS: The following requirements must be completed by undergraduate degree candidates at Rhode Island College in order to graduate:

- General Education program, including a second language requirement and RIC 100 or its equivalent
- College Math Competency (which is separate from the Gen Ed math requirement)
- College Writing Competency (satisfied by FYW with a minimum grade of C). **NOTE: Education students need a minimum of B**
- Academic Major--includes Education courses and Language courses—see check chart above.
- A minimum of 120 credit hours, with a minimum of 45 credit hours taken at RIC. Of the 45 credit hours, a minimum of 15 credit hours must be in the major (12 of which must be at the 300- or 400-level).
- A minimum cumulative grade point average of 2.75 each semester, with minimum of B- in Education courses
- A minimum grade point average of 3.0 in your Technology major courses.

Approved by Technology Faculty: Charles McLaughlin   Date 6/18/2020
Approved by Curriculum Committee: Date 6/18/2020   Revised:

SEMESTER 1	CR		SEMESTER 1 CHECKPOINTS ✓
FYW 100 First Year Writing	4		☐ FYW 100P is a 6-credit option. To decide which FYW to take, see Directed Self-Placement test at www.ric.edu/firstyearwriting; need a mnimum grade of B
RIC 100 Introduction to Rhode Island College	1		☐ Exempt if taking COLL 101, COLL 150, or HONR 150
Gen Ed--Second Lang 101 (based on placement, a course higher than 101/102 may be taken). If language requirement already satisfied: Gen Ed Distribution course	4		☐ Language placement test with Dept. of Modern Languages (optional) ☐ Complete Second Lang 101 (if needed)
MATH 120 Intermediate Algebra	4		☐ Prereq. is math competency
TECH 200 Introduction to Technology Systems	3		☐ Minimum grade of B-
			☐ Aim for 15 earned credits (While 12 is fulltime, 15 credits are preferred to stay on track to graduate in 4 years) ☐ Math competency completed
Requirements and GPA			☐ Minimum 2.75 overall GPA
# CREDITS EARNED	16		☐ Make appointment in Sept. with **Technology Education advisor** to discuss your schedule for next semester

SEMESTER 2	CR		SEMESTER 2 CHECKPOINTS ✓
FYS 100 First Year Seminar	4		
Gen Ed--Second Lang 102* (if needed), or other needed Gen Ed course.	4		☐ Complete Second Lang 102* (if needed)
FNED 101 Introduction to Teaching and Learning	2		
TECH 202 Design Processes (Sp) (WID)	3		☐ Minimum grade of B-
MATH 139 Contemporary Topics in Mathematics*	4		☐ Prereq. appropriate score on math placement exam ☐ Satisfies Gen Ed Mathematics (M)
Requirements and GPA			☐ Aim for minimum of 30 earned credits ☐ Minimum 2.75 overall GPA ☐ Complete Core Academic Skills for Educators (ETS# 5751)
# CREDITS EARNED	17		☐ Make appointments with Tech Ed advisor in Feb. to discuss your schedule for next semester

SEMESTER 3	CR		SEMESTER 3 CHECKPOINTS ✓
Gen Ed Distribution course from **one** of these GE categories: Arts (A); Literature (L); or History (H)	4		☐ If Math competency is not completed will need to take MATH 010 here
PSCI 103 Introductory Physical Science	4		☐ Satisfies Gen Ed-Natural Science (NS)
FNED 246 Schooling for Social Justice*	4		☐ Prereq. 12 credits, FYW with minimum grade of B and FNED 101; need B- minimum in course
TECH 204 Energy and Control Systems	3		☐ Minimum grade of B-
TECH 216 Computer Aided Design	3		☐ Minimum grade of B-
			☐
Requirements and GPA			☐ Aim for minimum of 45 earned credits, ☐ Minimum 2.75 overall GPA ☐ Minimum GPA of 3.0 in Tech Ed major
# CREDITS EARNED	18		☐ Make appointments with Tech Ed advisor in Sept. to discuss your schedule for next semester

SEMESTER 4	CR		SEMESTER 4 CHECKPOINTS ✓
Gen Ed Distribution course from **one** of these GE categories: Arts (A); Literature (L); or History (H), or elective	3-4		☐ Only need ONE Gen Ed, from each distribution category
CHEM 103 General Chemistry I*	4		☐ Prereq. Math competency
TECH 305 Teaching and Learning in Technology Education* (WID)	4		☐ Prereqs. TECH 200 and 202 and minimum of 12 credits in TECH with minimum of 2.75 GPA; minimum grade of B-
TECH 326 Communication Systems*	3		☐ Prereq.TECH 200 or TECH 202; minimum grade of B-
			☐ Apply to Feinstein School of Education (FSEHD)
			☐ Minimum of 2.75 GPA overall; minimum of B- in Education courses
Requirements and GPA			☐ Minimum GPA of 3.0 in Tech Ed major
# CREDITS EARNED	14-15		☐ Make appointment in Feb. with advisor to discuss your schedule for next semester

SEMESTER 5	CR		SEMESTER 5 CHECKPOINTS ✓
TECH 327 Construction Systems* or TECH 328 Manufacturing Systems*	3		☐ Both--prereq.TECH 200 or TECH 202; minimum grade of B-
TECH 406 Methods for Teaching Technical Subjects* (WID)	4		☐ Prereqs. TECH 305 (minimum B-), 18 credits in content areas with a minimum 2.75 GPA.
CEP 215 Introduction to Educational Psychology*	4		☐ Prereq. Admission to FSEHD; minimum grade of B- ☐ Satisfies Gen Ed. Social and Behavioral Science (SB)
SPED 333 Introduction to Special Education*	3		☐ Prereq. TECH 300 or TECH 305; minimum grade of B-
			☐ Minimum of 2.75 GPA overall; minimum of B- in Education courses
Requirements and GPA			☐ Minimum GPA of 3.0 in Tech Ed major
# CREDITS EARNED	14		☐ Make appointment in Sept. with advisor to discuss your schedule for next semester

SEMESTER 6	CR		SEMESTER 6 CHECKPOINTS ✓
Gen Ed Connections (C)	4		☐ Prereqs for (C) are 45 completed credits and FYW and FYS
TECH 318 Practicum I: Teaching K-6 Technology Education	4		☐ Prereq. TECH 305, TECH 406 (both with minimum B-), positive recommendation, 48 credits, minimum of C all content area courses and minimum GPA of 2.75; minimum grade of B-
TECH 327 Construction Systems* or TECH 328 Manufacturing Systems*	3		☐ Both--prereq.TECH 200 or TECH 202; minimum grade of B-
TESL 401 Introduction to Teaching Emergent Bilinguals*	4		☐ Prereq. is FNED 246
			☐ Minimum of 2.75 GPA overall; minimum of B- in Education courses
Requirements and GPA			☐ Minimum GPA of 3.0 in Tech Ed major
# CREDITS EARNED	15		☐ Make appointment in Feb. with advisor to discuss your schedule for next semester

SEMESTER 7	CR		SEMESTER 7 CHECKPOINTS ✓
TECH 306 Automation and Control Systems*	4		☐ Prereq. any Gen Ed (M) or (NS); minimum grade of B- ☐ Satisfies Gen Ed. AQSR
TECH 329 Transportation Systems*	3		☐ Prereq.TECH 200 or TECH 202; and minimum grade of B-
TECH 418 Practicum II Teaching Secondary Technology Education*	4		☐ Prereq. TECH 318 with minimum of B-, positive recommendation, 55 credits, minimum of C all content area courses and minimum GPA of 2.75; minimum grade of B. ☐ Mini-Teacher Candidate Work Sample
SPED 433 Adaptation of Instruction for Inclusive Ed.* OR TESL 402 Application of Second Language Acquisition Theory*	3		☐ Prereq. for SPED 433 is SPED 333; minimum grade of B- ☐ Prereq. for TESL 402 is TESL 401; minimum grade of B-
Requirements and GPA			☐ Minimum of 2.75 GPA overall; minimum of B- in Education courses ☐ Minimum GPA of 3.0 in Tech Ed major
# CREDITS EARNED	14		☐ Make appointment in Sept. with advisor to discuss your schedule for next semester

SEMESTER 8	CR		SEMESTER 8 CHECKPOINTS ✓
TECH 420 Introduction to Student Teaching (PK-12)	2		☐ Concurrent enrollment in TECH 421 and TECH 422. Must have completed all other required courses.
TECH 421 Student Teaching in the Secondary School* (PK-12)	7		☐ Concurrent enrollment in TECH 420 and TECH 422. Must have completed all other required courses with a minimum grade of B, recommendation from practicum instructor, completed community service, passing scores on Praxis II, approved mini-teacher candidate work sample, and negative result from tuberculin test.
TECH 422 Student Teaching Seminar in Secondary Education* (PK-12)	3		☐ Concurrent enrollment in TECH 420 and TECH 421. Must have completed all other required courses.
Requirements and GPA			☐ Need minimum of 120 earned credits (will have more) ☐ Completion of all Tech Ed content coursework ☐ Minimum of 2.75 GPA overall ☐ Mnimum of B- in Education courses ☐ Minimum GPA of 3.0 in Tech Ed major
# CREDITS EARNED	12		Attend Gradfest and Commencement

For more information, check the Education Studies Department website:
http://www.ric.edu/educationalStudies/Pages/default.aspx

Note: The total credit count for the major is 92 credits, and 40 credits for General Education. However, 16 Gen Ed. credits for M, NS, SB, and AQSR will double-count, for a total of 116 credits, which leaves 4 possible electives, though you may need to use those toward two secondary language courses and RIC 100.