

ACADEMIC RHODEMAP
BA 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 and Information Services (OASIS) 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, 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; (Su) Summer. All courses marked with an asterisk * have a prerequisite.

Cognates & Academic Major Checklist	Course	More Major and Professional Courses	Course
CHEM 103 General Chemistry I*		TECH 327 Construction Systems (Sp)*	
MATH 120 Intermediate Algebra		TECH 328 Manufacturing Systems (Sp)*	
MATH 139 Contemporary Topics in Mathematics		TECH 329 Transportation Systems*	
PSCI 103 Introductory Physical Science		TECH 406 Methods in Technology Education*	
TECH 200 Introduction to Technology Systems		TECH 407 Practicum in Technology Education (Grades K-6) (Sp)*	
TECH 202 Design Processes (Sp)		TECH 408 Practicum in Technology Education (Grades 7-12) (F)*	
TECH 204 Energy and Control Systems		TECH 421 Student Teaching*	
TECH 216 Computer Aided Design		TECH 422 Student Teaching Seminar*	
TECH 300 Orientation to Technology Education*		CEP 315 Educational Psychology*	
TECH 306 Automation and Control Systems (F)*		FNED 346 Schooling in a Democratic Society*	
TECH 326 Communication Systems (F)*		SPED 433 Adaptation of Instruction for Inclusive Ed.*	

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 RhodeMap 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
- 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.

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SEMESTER 1	CR	SEMESTER 1 CHECKPOINTS ✓
First Year Writing (FYW 100) or First Year Seminar (FYS 100).	4	<input type="checkbox"/> FYW 100P is a 6 credit option. To decide which FYW to take, see Directed Self-Placement test at www.ric.edu/firstyearwriting
Gen Ed Distribution course from one of these GE categories: Arts (A); Literature (L); History (H); or Social and Behavioral Sciences (SB)	4	<input type="checkbox"/> If Math competency is not completed will need to take MATH 010 here
TECH 200 Introduction to Technology Systems	3	<input type="checkbox"/> Minimum grade of B-
MATH 139 Contemporary Topics in Mathematics	4	<input type="checkbox"/> Satisfies Gen Ed Mathematics (M)
Requirements and GPA		<input type="checkbox"/> Aim for 16 earned credits (While 12 is fulltime, 16 credits are preferred to stay on track to graduate in 4 years) <input type="checkbox"/> Math competency completed <input type="checkbox"/> Minimum 2.75 overall GPA
# CREDITS EARNED	15	<input type="checkbox"/> Make appointment in Sept. with Technology Education advisor to discuss your schedule for next semester

SEMESTER 2	CR	SEMESTER 2 CHECKPOINTS ✓
FYW 100 or FYS 100	4	<input type="checkbox"/> Complete FYS and FYW, for FYW, grade B or better
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	<input type="checkbox"/> Language placement test with Dept. of Modern Languages (optional) <input type="checkbox"/> Complete Second Lang 101 (if needed)
TECH 202 Design Processes (Sp)	3	<input type="checkbox"/> Minimum grade of B-
MATH 120 Intermediate Algebra	4	<input type="checkbox"/> Prereq. Math and program competency
Requirements and GPA		<input type="checkbox"/> Aim for minimum of 32 earned credits <input type="checkbox"/> Minimum 2.75 overall GPA
# CREDITS EARNED	15	<input type="checkbox"/> Make appointments with Tech Ed advisor in Feb. to discuss your schedule for next semester

SEMESTER 3	CR	SEMESTER 3 CHECKPOINTS ✓
PSCI 103 Introductory Physical Science	4	<input type="checkbox"/> Satisfies Gen Ed-Natural Science (NS)
Gen Ed--Second Lang 102* (if needed), or other needed Gen Ed course.	4	<input type="checkbox"/> Complete Second Lang 102*, grade C or better (if needed)
ONE needed Gen Ed Distribution course	4	
TECH 204 Energy and Control Systems	3	<input type="checkbox"/> Minimum grade of B-
TECH 216 Computer Aided Design	3	<input type="checkbox"/> Minimum grade of B-
Requirements and GPA		<input type="checkbox"/> <input type="checkbox"/> Aim for minimum of 45 earned credits, <input type="checkbox"/> Minimum 2.75 overall GPA <input type="checkbox"/> Minimum GPA of 3.0 in Tech Ed major
# CREDITS EARNED	18	<input type="checkbox"/> Make appointments with Tech Ed advisor in Sept. to discuss your schedule for next semester

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SEMESTER 4	CR	SEMESTER 4 CHECKPOINTS ✓
TECH 329 Transportation Systems*	3	<input type="checkbox"/> Prereq. TECH 200 or TECH 202; minimum grade of B-
TECH 300 Orientation to Technology Education*	4	<input type="checkbox"/> Prereqs. TECH 200 or 202 and minimum of 12 credits in content area courses all with minimum of 2.75 GPA; minimum grade of B-
TECH 327 Construction Systems* or TECH 328 Manufacturing Systems*	3	<input type="checkbox"/> Both--prereq. TECH 200 or TECH 202; minimum grade of B-
Gen Ed Distribution course Arts (A); Literature (L); History (H); or Social and Behavioral Sciences (SB), or elective	4	
FNED 346 Schooling in a Democratic Soc.*	4	<input type="checkbox"/> Prereq. FYW with minimum grade of B; Minimum grade of B- in FNED 346.
Requirements and GPA		<input type="checkbox"/> Core Academic Skills for Educators (ETS# 5751) <input type="checkbox"/> Apply to Feinstein School of Education (FSEHD) <input type="checkbox"/> Minimum of 2.75 GPA overall; minimum of B- in Education courses <input type="checkbox"/> Minimum GPA of 3.0 in Tech Ed major
# CREDITS EARNED	18	<input type="checkbox"/> Make appointment in Feb. with advisor to discuss your schedule for next semester

SEMESTER 5	CR	SEMESTER 5 CHECKPOINTS ✓
TECH 406 Methods in Technology Education*	4	<input type="checkbox"/> Prereqs. TECH 300 (minimum B-), 18 credits in content areas and 2.75 GPA.
TECH 326 Communication Systems*(F)	3	<input type="checkbox"/> Prereq. TECH 200 or TECH 202; minimum grade of B-
CEP 315 Educational Psychology*	3	<input type="checkbox"/> Prereq. Admission to FSEHD; minimum grade of B-
Gen Ed Distribution course Arts (A); Literature (L); History (H); or Social and Behavioral Sciences (SB), or elective	4	<input type="checkbox"/> Only need ONE Gen Ed, from each distribution category
Requirements and GPA		<input type="checkbox"/> Minimum of 2.75 GPA overall; minimum of B- in Education courses <input type="checkbox"/> Minimum GPA of 3.0 in Tech Ed major
# CREDITS EARNED	14	<input type="checkbox"/> Make appointment in Sept. with advisor to discuss your schedule for next semester

SEMESTER 6	CR	SEMESTER 6 CHECKPOINTS ✓
TECH 327 Construction Systems* or TECH 328 Manufacturing Systems*	3	<input type="checkbox"/> Both--prereq. TECH 200 or TECH 202; minimum grade of B-
CHEM 103 General Chemistry I*	4	<input type="checkbox"/> Prereq. Math competency
TECH 407 Practicum in Technology Education (Grades K-6) (Sp)*	4	<input type="checkbox"/> Prereq. TECH 300, TECH 406 (both with minimum B-), positive recommendation, 55 credits, minimum of C all content area courses and minimum GPA of 2.75; minimum grade of B-
SPED 433 Adaptation of Instruction for Inclusive Ed.*	3	<input type="checkbox"/> Prereq. SED 406; minimum grade of B-
# CREDITS EARNED	14	<input type="checkbox"/> Make appointment in Feb. with advisor to discuss your schedule for next semester

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SEMESTER 7	CR	SEMESTER 7 CHECKPOINTS ✓
TECH 408 Practicum in Technology Education (Grades 7-12) (F)*	4	<input type="checkbox"/> Prereq.admission to Tech Ed teacher prep; minimum grade of B- <input type="checkbox"/> Mini-Teacher Candidate Work Sample
TECH 306 Automation and Control Systems* (F)	3	<input type="checkbox"/> Prereq.TECH 200 or TECH 202; minimum grade of B-
Choose 1 Advanced Quantitative/Scientific Reasoning (Gen Ed-AQSR)* AND 1 Gen Ed Connections (C)	8	<input type="checkbox"/> Prereqs for (AQSR) are Gen Ed-NS and/or Gen Ed-M <input type="checkbox"/> Prereqs for (C) are 45 completed credits and FYW and FYS
Requirements and GPA		<input type="checkbox"/> Minimum of 2.75 GPA overall; minimum of B- in Education courses <input type="checkbox"/> Minimum GPA of 3.0 in Tech Ed major
# CREDITS EARNED	15	<input type="checkbox"/> Make appointment in Sept. with advisor to discuss your schedule for next semester

SEMESTER 8	CR	SEMESTER 8 CHECKPOINTS ✓
TECH 421 Student Teaching*	10	<input type="checkbox"/> TECH 407 and 408 (minimum of B-), concurrent with TECH 422, and all other requirements
TECH 422 Student Teaching Seminar*	2	<input type="checkbox"/> Prereq. concurrent with TECH 421; Minimum grade of B- <input type="checkbox"/> Teacher Candidate Work Sample
Requirements and GPA		<input type="checkbox"/> Need minimum of 120 earned credits (will have more) <input type="checkbox"/> Completion of all Tech Ed content coursework <input type="checkbox"/> Minimum of 2.75 GPA overall <input type="checkbox"/> Mnimum of B- in Education courses <input type="checkbox"/> 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 80 credits, and 40 credits for General Education. However, 8 Gen Ed. credits for M and NS will double-count, for a total of 112 credits, leaving room for 8 credits that may need to include two secondary language courses, or can be used as electives.