

This roadmap is a **suggested** semester-by-semester planning guide for this major. It is a model two-year plan, not a guaranteed sequence or contract. Course availability may vary from semester to semester. Roadmaps are not meant to cover every possibility. They are intended to provide guidance in planning your academic path. **Roadmaps should be reviewed in consultation with your advisor and specific transfer institution requirements.**

KEY

Course Subject and Number:	Lists the course subject and number (ex. MAT 140; PSY 201).		
Credit Hrs:	Lists how many credit hours the course is worth. Courses listed with a range of credit hours depend on course selection.		
Gen Ed:	Indicates whether or not this major course can also fulfill a general education requirement.		
	COM/LIT: Gen Ed Communication & Literature	HUM: Gen Ed Humanities	MAT: Gen Ed Math
	ELECT: Gen Ed Elective Program Courses	SOC SCI: Gen Ed Social Science	NAT SCI: Gen Ed Natural Science
Course Notes:	Lists important information about the course or the timing of the course.		
Critical:	TIME= Timing. This course must be completed in the semester listed to ensure timely graduation.		

General Education Requirement

Communication & Literature: Complete 9 credit hours from the list of approved courses satisfying the requirement. You must have one course from SPC 200 or SPC 205.	Electives: Complete at least 16 credit hours of approved elective courses. Courses to be chosen by the student under guidance of the faculty advisor and in coordination with major roadmap. Specific courses are excluded from consideration. See First Year notes.
Mathematics or Natural Sciences: Complete at least 23 credits from the list of approved math and science courses. You must have at least 6 credits of math courses and 8 credits of natural science courses with lab.	Humanities and Social Sciences: Complete 12 credit hours from the list of approved courses satisfying the humanities and social sciences general education requirement. You must have at least 3 credit hours from humanities and 3 credit hours from social science.
General Education Resources: Approved course listings for each requirement can be found in the Undergraduate Catalog (http://tctc.catalog.acalog.com/).	

Degree Requirements

Minimum GPA		Minimum Credit Hours
Major	Cumulative	60 credit hours
2.00	2.00	Additional hours may be accrued based on course selection. Consult your academic catalog

First Year

Semester One					
Course Subject and Number	Credit Hrs.	Grade Earned	Critical	Gen Ed	Course Notes
ENG 101	3		TIME	COM/LIT	ENG 101 or placement as needed
CHM 110	4		TIME	NAT SCI	See Note 1
MAT 140	4		TIME	MAT	MAT 140 or placement as needed
EGR 269	2			ELECT	See Note 1
HUM or SOC SCI	3			HUM/SOC SCI	See Note 2
Total Semester Credit Hours	16				
Semester Two					
Course Subject and Number	Credit Hrs.	Grade Earned	Critical	Gen Ed	Course Notes
ENG 102	3			COM/LIT	Completion of ENG 101 w/ Grade of C or better
CHM 111 or PHY 221	4			NAT SCI	Completion of CHM 110 w/ C or better; See Note 3
MAT 141	4			MAT	Completion of MAT 140 w/ C or better; See Note 1
EGR 270	3			ELECT	Chemical Engineering majors should take CHT 275 instead
Total Semester Credit Hours	14				
First Year Notes					
<p>Note 1: All first semester courses have specific entry requirements. All Math and Science tracks require a minimum of C or better to advance in the series. Consult the catalog for pre-requisites and/or placement scores.</p> <p>Note 2: Please consult catalog requirements and your faculty advisor when selecting appropriate HUM/SOC SCI courses. For students transferring to institutions in SC, the REACH Act requires HIS 201 or PSC 201</p> <p>Note 3: Not required for all engineering disciplines – check the transfer college catalog for the discipline-specific requirement. For majors not requiring CHM 111, PHY 221 should be taken.</p> <p>Note 4: The following courses can be used as electives only: ECO 101; HSS 105; MAT 211, 212, 215; PSY 103, 120. You cannot apply both ECO 101 and ECO 210 or 211 toward degree requirements.</p> <p>Note 5: The following courses MAY NOT be used for the A.S. degree: BIO 100, 105, 112, 115; CHM 100, 105; ENG 100, 155, 156, 165; MAT 101, 102, 155, 170, 171; PHY 101; RDG 100.</p>					

Second Year

Semester Three

Course Subject and Number	Credit Hrs.	Grade Earned	Critical	Gen Ed	Course Notes
SPC 205	3			COM/LIT	Completion of ENG 101 or 103 w/ Grade of C or better; See Note 3
PHY 221	4			NAT SCI	See Note 2
MAT 240	4			MAT	See Notes 2 and 3
EGR 275	3			ELECT	See Note 4
ELECTIVE	3			ELECT	See Note 6
Total Semester Credit Hours	17				

Semester Four

Course Subject and Number	Credit Hrs.	Grade Earned	Critical	Gen Ed	Course Notes
ENG XXX	3			LIT	Select from ENG 201, 202, 205, 206, 208, 209, or 220
PHY 222	4			NAT SCI	See Note 2
MAT 242	4			MAT	Required by all engineering disciplines except Industrial Engineering. See Note 3
ELECTIVE	3			ELECT	See Note 6
Total Semester Credit Hours	14				

Second Year Notes

Note 1: Please consult catalog requirements and your faculty advisor when selecting appropriate HUM/SOC SCI courses.

Note 2: All Math and Science tracks require a minimum of C or better to advance in the series. Consult the catalog for prerequisites and/or placement scores.

Note 3: MAT 240 is offered in spring only, while MAT 242 is offered during summer only. Depending on Math placement or semester start, Semester Three may require modification, and summer may need to be considered.

Note 4: Not required for all engineering disciplines – check the transfer college catalog for the discipline-specific requirement.

Note 5: The following courses can be used as electives only: ECO 101; HSS 105; MAT 211, 212, 215; PSY 103, 120. You cannot apply both ECO 101 and ECO 210 or 211 toward degree requirements.

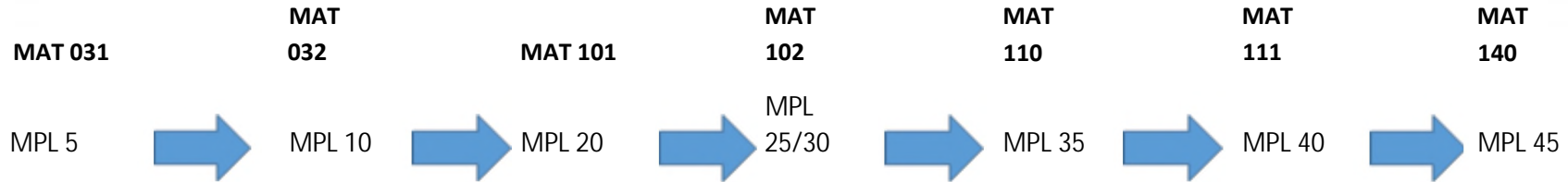
Note 6: Please consult catalog requirements and your faculty advisor when selecting appropriate ELECTIVE courses. For students transferring to institutions in SC, the REACH Act requires HIS 201 or PSC 201. If one of these courses was not taken as the HUM/SOC requirement in Semester One it should be taken here.

*Design courtesy of the College of Charleston

TCTC PLACEMENT TRACKS

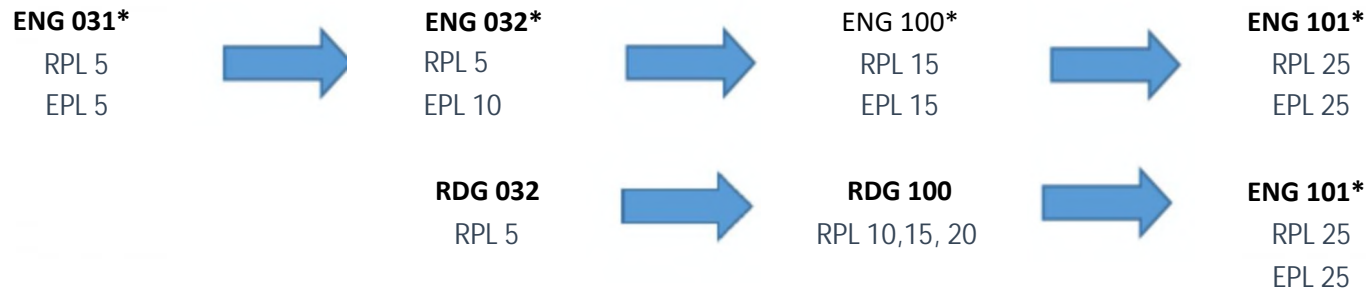
**MAT
140**

AS, Majors requiring Calculus, Engineering, Animal Science, BS Computer Science, Science Majors.
Transfers to Clemson as MATH 1060.



**ENG
101**

Check program requirements to ensure appropriate English placement. **



* BOTH the **RPL** and **MPL** is required to register for the class