CLEMSON
HOLCOMBE DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING

ECE Advising Worksheet
**Double Major
Elect./Comp. Engr.**
Curric. Year 2025-2026 ONLY

Name	
CID#:	C
Email:	@clemson.edu

You must use DegeeWorks to fill out this form. Before you begin, verify in DegreeWorks that you have the correct curriculum year.

Required Courses: Indicate "C" if completed; "P" if in progress; "R" if retaking. Leave blank otherwise.

Year 1 Sem 1 Courses

CH 1010/1 (4)	
ENGL 1030/1 (3)	
ENGR 1020/1[1] (3)	
MATH 1060[2] (4)	
A&H/SS[3] (3)	

Year 2 Sem 1 Courses

ECE 2000 (1)	
ECE 2010 (3)	
ECE 2020 (3)	
ECE 2110 (1)	
ECE 2210 (3)	
MATH 2060 (4)	
PHYS 2210 (3)	

Year 3 Sem 1 Courses

ECE 2230[6] (3)	
ECE 3110 (1)	
ECE 3200 (3)	
ECE 3300 (3)	
ECE 3710 (3)	
ECE 3800 (3)	
COMM[7] (3)	

Year 4 Sem 1 Courses

ECE 3220 (3)	
ECE 3520 (3)	
ECE 3810 (3)	
ECE 4090 (3)	
ECE 4950/1 (2)	
EE-CPE TECH[9] (3)	

Year 1 Sem 2 Courses

ENGR 1410/1[4] (3)	
MATH 1080 (4)	
PHYS 1220 (3)	
GEN ENGR[5] (3-4)	
A&H/SS[3] (3)	

Year 2 Sem 2 Courses

ECE 2090 (1)	
ECE 2120 (1)	
ECE 2220 (3)	
ECE 2620 (3)	
ECE 2720 (3)	
MATH 2080 (4)	
MATH 3110 (3)	

Year 3 Sem 2 Courses

ECE 3120 (1)	
ECE 3170 (3)	
ECE 3210 (3)	
ECE 3270/1 (4)	
ECE 3600 (3)	
ECE 3720 (1)	
MATH 4190[8] (3)	

Year 4 Sem 2 Courses

ECE 4270[9] (3)	
ECE 4960 (3)	
A&H/SS[3] (3)	
A&H/SS[3] (3)	
EE-CPE TECH[9] (3)	
EE-CPE TECH[9] (3)	

Requirement Checks: Give course and number (e.g., ENGL 2140) if requirement has already been met. Leave blank otherwise. For most students, **GLCH is ENGR 1020 and ECE 4960**.

Lit[3]		GLCH[10]		CpE Tech[9]		EE Tech[9]	
Non-lit[3]		GLCH[10]		CpE Tech[9]		EE Tech[9]	
SS[3]		Reach[11]		CpE Tech[9]		EE Tech[9]	
SS[3]		Breadth[6]		CpE Tech[9]		Adv. Math[8]	

Planned Courses: Fill in all information below.

Semester   Year

Course & No. (e.g. ENGR 1020)	Credits

Course & No. (e.g. ENGR 1020)	Credits
Total Credits	

Summer Courses

Course & No. (e.g. ENGR 1020)	Credits
Summer Total Credits	

Student Notes: Optional.

Advisor Notes: Optional.

I (the student) understand that I am solely responsible for satisfying the curricular requirements for my chosen field of study. I have read the footnotes and additional notes on the next two pages of this form.

Required: Student Signature and Date

Required: Advisor Signature and Date

Registration PIN:

Double Major
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Curric. Year 2025-2026 ONLY

Footnotes:

1. **ENGR 1020/1021:** The combination of ENGR 1050 and ENGR 1060 or the combination of ENGR 1510/1511 and ENGR 1520/1521 may be substituted for ENGR 1020/1021.

2. **MATH 1060:** Depending on a student's math placement based on the Clemson Mathematics Placement Test score, ACT mathematics score, or SAT mathematics score, MATH 1040 and MATH 1070 may be substituted for MATH 1060, or the student may be required to take MATH 1030/1031 or MATH 1050/1051 before enrolling in MATH 1060.

3. **A&H/SS:** (Arts and Humanities and Social Sciences Requirements) See [General Education Requirements](#). Three credits from Humanities Literature requirement list, three credits from Humanities Non-literature list, and six credits from Social Sciences list, taken from two different fields. (AGRB and ECON are considered the same field.) Must also satisfy the South Carolina REACH Act Requirement (if the requirement is not already satisfied upon admission to Clemson).

4. **ENGR 1410:** ENGR 1640/1641 or the combination of ENGR 1070, ENGR 1080, and ENGR 1090 may be substituted for ENGR 1410/1411.

5. **GEN ENGR:** Option 1 (4 cr.): CH 1020/1021. Option 2 (3 cr.): PHYS 1240 and either ENGR 2080/2081 or ENGR 2100/2101.

6. **EE BREADTH:** (Electrical Engineering Breadth Requirement) Three credits selected from AUE 3010, AUE/ME 4620, BIOE 3700, BIOE 4310, BIOE 4350, BIOE 4710, CHE 4160, CPSC 2920, ECAS 4960, ECE 2230, ECE 3270, ECE 4290, ECE 4310, ECE 4380, ECE 4400, ECE 4420, ECE 4490, ECE 4680, ECE 4730, ECE 4740, ECE 4780, EES 4140, IE 4880, ME 3100, ME 4510, or ME 4520. Different courses must be selected for the Electrical Engineering Breadth requirement and the Electrical Engineering Technical requirement. **Note that ECE 2230, a required course in the CpE major, also counts for the EE Breadth requirement. Therefore, enter ECE 2230 for the Breadth requirement check.**

7. **COMM:** (Communications Requirement) COMM 1500/1501 or COMM 2500/2501 or HON 1950 or HON 2230 or ML 1010/1020 or AS 3090/3100/4090/4100.

8. **ADV MATH:** (Advanced Mathematics Requirement) Select from MATH 3020, MATH 3650, MATH 4190, MATH 4340, MATH 4400, and MATH 4410. (MATH 4190 and MATH 4400 require MATH 3110 as a prerequisite.) **Note that MATH 4190, a required course in the CpE major, also counts for the EE Advanced Math Requirement. Therefore, enter MATH 4190 for the Adv. Math requirement check.**

9. **EE TECH:** (Electrical Engineering Technical Requirement) Nine credits selected from **BIOE 3700, BIOE 4310, BIOE 4350, BIOE 4710, ECAS 4960**, ECE 4040, **ECE 4050***, ECE 4060, ECE 4080, **ECE 4100, ECE 4160**, ECE 4180, ECE 4190, ECE 4200, ECE 4210, ECE 4220, **ECE 4290, ECE 4300**, ECE 4320, ECE 4330, ECE 4340, ECE 4350, ECE 4360, ECE 4370, **ECE 4380, ECE 4400, ECE 4420**, ECE 4460, **ECE 4550**, ECE 4570, ECE 4580, **ECE 4590, ECE 4600**, ECE 4610, **ECE 4670, ECE 4680**, ECE 4700, ECE 4710, **ECE 4730, ECE 4910*, ECE 4920*, ECE 4930*, ECE 4980*, ECE 4990***, and ME 3100. A maximum of three credits of courses marked with an asterisk may be used to satisfy this requirement. Different courses must be selected for the Electrical Engineering Breadth requirement and the Electrical Engineering Technical requirement.

   CPE TECH: (Computer Engineering Technical Requirement) Twelve credits selected from **BIOE 3700*, BIOE4310*, BIOE 4350*, BIOE 4710*, ECAS 4960***, ECE 3210*, **ECE 4050+, ECE 4100, ECE 4160***, ECE 4270, **ECE 4290, ECE 4300**, ECE 4310, **ECE 4380, ECE 4400, ECE 4420**, ECE 4490, **ECE 4550, ECE 4590*, ECE 4600, ECE 4670, ECE 4680, ECE 4730**, ECE 4740, ECE 4780, **ECE 4910+, ECE 4920+, ECE 4930+, ECE 4980+**, and **ECE 4990+**. Three credits of this requirement must include ECE 4270, ECE 4300, or ECE 4400. (Each of these three courses has ECE 3170 as one of its prerequisites.) A maximum of six credits of courses marked with an asterisk and a maximum of three credits of courses marked with a plus may be used to satisfy this requirement.

   Note that ECE 4270, a required course in the EE major, is also on the CPE TECH list and furthermore is one of the three courses of which the CPE TECH list says "Three credits of this requirement must include ECE 4270, ECE 4300, or ECE 4400." Therefore, enter ECE 4270 for the first CpE Tech requirement check.

   To minimize the number of courses that must be taken, three courses should be selected from those that are common to both the EE TECH and the CPE TECH lists. These courses are highlighted in bold. They must also satisfy the asterisk and plus limits of both lists. Note that this means that your three remaining CpE Tech requirement check courses should match the three EE Tech requirement check courses on the form.

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10. **GLCH:** (Global Challenges Requirement) Normally satisfied by ENGR 1020/1021 and ECE 4960. Otherwise, see General Education Requirements for how to meet this requirement with additional credits. Check DegreeWorks for your particular situation.

11. **REACH:** (S.C. Reach Act Requirement) May be met in High School by passing an AP or Dual Enrollment course in US Government or US History. Enter "Satisfied" on the form if this is your situation. Alternatively, may be met with HIST 1010, POSC 1010, or POSC 1030, which can also double count as meeting a Social Sciences requirement. See S.C. REACH Act | Clemson University for more information. Check DegreeWorks for your particular situation.

Additional Notes:

(a) For early registration, registration is limited to 19 credits (16 if on academic probation). On the day before classes begin, students not on probation can sign up for up to 21 credits.

(b) A student is allowed to enroll in ECE courses ONLY when all prerequisite courses have been passed with a grade of "C" or higher. Students who have not met this requirement will be dropped from the course(s) in violation.

(c) No student may exceed a maximum of two attempts to successfully complete any ECE courses, excluding a "W".

(d) ECE students enrolling in 3000-4000 level courses with GPA less than 2.0 may have course enrollment limited by the ECE Variance Committee.

(e) Any deviation from the recommended program of study should be discussed immediately with your Faculty Advisor or the ECE Student Services staff.