

PREREQUISITES FOR REQUIRED ECE COURSES IN CPE, 2026-2027 CATALOG YEAR

Course	P=prerequisite*; PC=prerequisite* or concurrent enrollment; C=corequisite
ECE 2000	P: ENGR 1020 or ENGR 1060 or ENGR 1510.
ECE 2010	P: Sophomore Standing.
ECE 2020	P: MATH 1080. PC : PHYS 2210.
ECE 2050	P: ECE 2020, ECE 2110.
ECE 2090	P: ECE 2010. PC : ECE 2720.
ECE 2110	PC : ECE 2020.
ECE 2120	P: ECE 2020, ECE 2110. PC : ECE 2620.
ECE 2210	P: ENGR 1020 or ENGR 1060 or ENGR 1510.
ECE 2220	P: ECE 2210.
ECE 2230	P: ECE 2220.
ECE 2620	P: ECE 2020, MATH 2060, PHYS 2210.
ECE 2720	P: ECE 2010 and ECE 2210.
ECE 3110	P: ECE 2120, ECE 2620, MATH 2080, PHYS 2210. PC : ECE 3200. -
ECE 3170	P: ECE 2620, MATH 2080. PC : ECE 3300.
ECE 3200	P: ECE 2620, MATH 2080, PHYS 2210.
ECE 3220	P: ECE 2230, ECE 2720.
ECE 3270	P: ECE 3710. C : ECE 3271.
ECE 3271	C : ECE 3270.
ECE 3300	P: ECE 2620, MATH 2080.
ECE 3520	P: ECE 2230. PC : MATH 4190.
ECE 3710	P: ECE 2220, ECE 2720. PC : ECE 2620.
ECE 3720	PC : ECE 3710.
ECE 4090	P: ECE 3300.
ECE 4270	P: ECE 3170, ECE 3300.
ECE 4400	P: ECE 2720, ECE 3170.
ECE 4950	P: ECE 2230, ECE 3200, ECE 3300, ECE 3710. PC : ECE 4090. C : ECE 4951.
ECE 4951	C : ECE 4950.
ECE 4960	P: ECE 3220, ECE 3270, ECE 3520, ECE 4090, ECE 4950, ECE 2000.

***All prerequisites must be satisfied with a grade of C or higher (or Pass for a pass/no-pass course). Prerequisites (and their grades) are strictly enforced.**

CRITICAL CHECKS FOR TIMELY GRADUATION:

1. Take ECE 2000, 3170, 3220, 3270, 3520, 4090, and 4950 at least **one** semester before your final semester.
2. Take ECE 2230, 3200, 3300, and 3710 at least **two** semesters before your final semester.
3. Note that ECE 2230, 3270, 4950, 4960, and ECE labs are **not** offered over summer. ECE summer courses may be cancelled due to low enrollment.



ECE Advising Worksheet
Computer Engineering
Catalog Year 2026-2027

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 2120 (1)	
ECE 2230 (3)	
ECE 3200 (3)	
ECE 3300 (3)	
ECE 3710 (3)	
MATH 3110 (3)	

Year 4 Sem 1 Courses

ECE 3220 (3)	
ECE 4090 (3)	
ECE 4950/1 (2)	
CPE TECH ⁶ (3)	
CPE TECH ⁶ (3)	
COMM ⁷ (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 2050 (1)	
ECE 2090 (1)	
ECE 2220 (3)	
ECE 2620 (3)	
ECE 2720 (3)	
MATH 2080 (4)	

Year 3 Sem 2 Courses

ECE 3110 (1)	
ECE 3170 (3)	
ECE 3270/1 (4)	
ECE 3520 (2)	
ECE 3720 (1)	
MATH 4190 (3)	

Year 4 Sem 2 Courses

ECE 4960 (3)	
A&H/SS ³ (3)	
A&H/SS ³ (3)	
CPE TECH ⁶ (3)	
CPE TECH ⁶ (3)	

Requirement Checks: Give course and number (e.g., ENGL 2140) if requirement has already been met. Leave blank otherwise.

Lit ³	
Non-lit ³	
SS ³	
SS ³	

GLCH ⁸	
GLCH ⁸	
Reach ⁹	

Tech ⁶	
Tech ⁶	
Tech ⁶	
Tech ⁶	

One of the Techs must be **ECE 4270, ECE 4300, or ECE 4400**.
 GLCH is usually met with **ENGR 1020** and **ECE 4960**.

Planned Courses: Fill in all information below.

Semester Year

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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 page of this form.

Required: Student Signature and Date

Required: Advisor Signature and Date

Registration PIN:

Computer Engineering

Catalog Year 2026-2027

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 1410/1411:** 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. **CPE TECH:** (Computer Engineering Technical Requirement) Twelve credits selected from BIOE 3700*, BIOE 4310*, 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 4970+, 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.
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. **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.
9. **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.

15 March 2026