

# Grove City College Status Sheet

Status Sheets are provided as a convenience for the student and may be helpful for recording completed courses. However, the College Bulletin is the controlling authority on all requirements. Questions should be directed to your academic advisor or the Registrar.

(W)=Writing Intensive, (SI)=Speaking Intensive, (IL)=Information Literacy courses.

## B.S. in Computer Engineering Entering in 2026

(REVISED 03-16-2026)

Name: \_\_\_\_\_

ID# \_\_\_\_\_

Date: \_\_\_\_\_

Year of Anticipated Graduation: \_\_\_\_\_

Advisor: \_\_\_\_\_

**TOTAL HOURS REQUIRED FOR THIS DEGREE-----128 HOURS**

**Minimum CQPA and MQPA required for graduation-----2.00**

**General Education + Elective Requirements----- 30 HOURS**

**MQPA Courses-----ELEE; COMP; ENGR; ROBO**

**Major Requirements-----98 HOURS**

**GENERAL EDUCATION REQUIREMENTS-----26 HOURS**

**COMPUTER ENGINEERING CORE----- 58 HOURS**

**HUMANITIES CORE----- 18 HOURS**

	Cr.	Sem. Taken	Grade
<b>HUMANITIES CORE----- 18 HOURS</b>			
HUMA 100 The Humanities: Christian Wisdom	1	_____	_____
HUMA 200 Western Civilization	3	_____	_____
HUMA 202 Civilization and Literature	3	_____	_____
HUMA 204 Civilization and the Arts	3	_____	_____
HUMA 261 Scripture & Theology for the Chr. Life I	3	_____	_____
HUMA 271 Scripture & Theology for the Chr. Life II	3	_____	_____
HUMA 300 Gospel & the Good Life: Christian Ethics	2	_____	_____

**Cr. Sem. Taken Grade**

ELEE 201 Linear Circuits I	3	_____	_____
ELEE 204 Digital Logic	3	_____	_____
ELEE 221 Signal Analysis	3	_____	_____
ELEE 251 Lab Skills and Prototyping (IL)	1	_____	_____
ELEE 301 Electronics I	3	_____	_____
ELEE 310 Microcontrollers	3	_____	_____
ELEE 351 Lab Design Experiences (IL)	1	_____	_____
ELEE 441 Computer Architecture	3	_____	_____
ELEE 442 Parallel Computer Architecture	3	_____	_____
COMP 141 Computer Programming I	3	_____	_____
COMP 220 Computer Programming II	3	_____	_____
COMP 222 Intro to Data Structures & Algorithms	3	_____	_____
COMP 230 Advanced Programming	3	_____	_____
COMP 340 Operating Systems	3	_____	_____
COMP 342 Data Networks	3	_____	_____
COMP 350 Software Engineering (W/SI)	3	_____	_____
COMP 448 Computer Security	3	_____	_____
ENGR 156 Intro to Engineering	2	_____	_____
ENGR 301 Ethics in Engineering	1	_____	_____
ENGR 401 Engineering Design	1	_____	_____
ENGR 402 Engineering Senior Seminar	1	_____	_____
ENGR 451 Capstone Design Project I (W/SI)	3	_____	_____
ENGR 452 Capstone Design Project II (SI)	3	_____	_____

**WRITING REQUIREMENT----- 3 HOURS**

WRIT 101 Found. of Academic Discourse (W/IL)	3	_____	_____
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**FOUNDATIONS OF THE SOCIAL SCIENCES\*----- 3 HOURS**

Choose one course from the following:			
ECON 120 Foundations of Economics	PSYC 101 Foundations of Psychology		
HIST 120 Foundations of History	PSYC 200 Cross-Cultural Psychology		
HIST 204 Historical & Phil. Found. of Education	SOCW 101 Foundations of Social Work		
POLS 101 Foundations of Political Science	SOCI 101 Foundations of Sociology		
	SOCI 103 Found. of Cultural Anthr.		
	3	_____	_____

**NATURAL SCIENCE (with lab)/ QUANTITATIVE/LOGICAL REASONING----- 0 HOURS**

(1) Natural Science with lab	4	(Met through major)
(2) Quantitative/Logical Reasoning	3-4	(Met through major)
(3) Third course in Natural Science, Quantitative or Logical Reasoning	3-4	(Met through major)

**STUDIES IN SCIENCE, FAITH, & TECHNOLOGY ----- 2 HOURS**

Choose one course from the following:			
COMP 205/SSFT 205 Ethics, Faith, and the Conscious Mind			
PHIL 243 Science and the Human: Inquiry, Design, & the Person			
SSFT 212 Science, Faith, Technology, & Origins			
	2	_____	_____

**GENERAL ELECTIVES----- 4 HOURS**

**Technical Elective Requirements----- 6 HOURS**

Choose six hours from any 200-400 level ELEE, ENGR, ROBO, or COMP course (excluding ENGR 216 and COMP 205).

**MATH/SCIENCE CORE----- 34 HOURS**

MATH 213 Discrete Mathematics	4	_____	_____
MATH 214 Applied Prob. & Linear Algebra	4	_____	_____
MATH 161 Calculus I	4	_____	_____
MATH 162 Calculus II	4	_____	_____
MATH 261 Calculus III	4	_____	_____
MATH 262 Differential Equations	3	_____	_____
PHYS 101 General Physics I	4	_____	_____
PHYS 102 General Physics II	4	_____	_____
ENGR 120 Numerical Computing for Engineers	3	_____	_____

# SAMPLE FOUR-YEAR PLAN for the BACHELOR OF SCIENCE IN COMPUTER ENGINEERING

## Freshman Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
MATH 161 Calculus I.....	4	MATH 162 Calculus II .....	4
PHYS 101 General Physics I.....	4	PHYS 102 General Physics II.....	4
Writing Requirement.....	3	ELEE 204 Digital Logic .....	3
ENGR 120 Numerical Computing for Engineers.....	3	COMP 141 Computer Programming I.....	3
ENGR 156 Intro to Engineering.....	<u>2</u>	HUMA 100 The Humanities: Christian Wisdom.....	1
	16	General Elective.....	<u>1</u>
			16

## Sophomore Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
MATH 261 Calculus III.....	4	MATH 262 Differential Equations .....	3
ELEE 201 Linear Circuits I.....	3	COMP 342 Data Networks.....	3
ELEE 251 Lab Skills and Prototyping.....	1	ELEE 221 Signal Analysis.....	3
COMP 220 Computer Programming II.....	3	COMP 230 Advanced Programming.....	3
Foundations of Social Science Course.....	3	HUMA Course .....	<u>3</u>
HUMA Course .....	<u>3</u>		15
	17		

## Junior Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
ELEE 301 Electronics I.....	3	MATH 214 Applied Prob. & Linear Algebra.....	4
ELEE 351 Lab Design Experiences.....	1	COMP 340 Operating Systems.....	3
COMP 222 Intro to Data Structures & Algorithms.....	3	HUMA Course .....	3
MATH 213 Discrete Mathematics .....	4	Technical Elective *.....	3
ELEE 310 Microcontrollers.....	3	SSFT Course.....	2
HUMA Course .....	<u>3</u>	ENGR 301 Ethics in Engineering.....	<u>1</u>
	17		16

## Senior Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
ELEE 441 Computer Architecture.....	3	ELEE 442 Parallel Computer Architecture.....	3
ENGR 401 Engineering Design.....	1	ENGR 402 Engineering Senior Seminar.....	1
ENGR 451 Capstone Design Project I.....	3	ENGR 452 Capstone Design Project II.....	3
COMP 448 Computer Security.....	3	COMP 350 Software Engineering.....	3
Technical Elective *.....	3	General Elective.....	3
HUMA Course .....	<u>3</u>	HUMA 300 Gospel and the Good Life: Christian Ethics.....	<u>2</u>
	16		15

\*Technical electives can be any 200-400 level ELEE, COMP, ENGR, or ROBO course, excluding ENGR 216 and COMP 205.

Students are expected to use this status sheet in conjunction with the College *Bulletin* and to contact their advisors for a detailed schedule of courses recommended to meet requirements for this major.

TOTAL CREDIT HOURS REQUIRED = 128