

FARMER CHARLES GAGE
BACHELOR OF SCIENCE IN ELECTRICAL & COMPUTER ENGINEERING
COMPUTER ENGINEERING PROGRAM OF STUDY

Prepared On	09/11/2022 06:59 PM	Program Code	ECENG-BSCES	Catalog Year	20224
Student ID	500321283	Graduation Date			

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AT LEAST ONE REQUIREMENT HAS NOT BEEN SATISFIED

TRANSFER CREDIT: COURSE WORK THAT APPEARS HERE WILL NOT APPLY TO ANY DEGREE REQUIREMENTS.

GENERAL CREDIT (G000.XX) TRANSFER COURSE WORK. THIS CREDIT MUST BE FURTHER EVALUATED IN ORDER FOR IT TO APPLY TO ANY DEGREE REQUIREMENTS, INCLUDING ELECTIVES. UNLESS IT IS EVALUATED AS AN OSU EQUIVALENT, OR AS SPECIAL CREDIT (S000.XX), GENERAL CREDIT WILL NOT APPLY IN THIS AUDIT.

15.00 HOURS ADDED	5 COURSES TAKEN	
SP19 CSE G000.07	3.0 KB	CAPITAL: CS 161
AU19 CSE G000.08	3.0 KC	CAPITAL: CS 361
AU19 CSE G000.09	3.0 KB	CAPITAL: CS 478
SP20 CSE G000.10	3.0 KS	CAPITAL: CS 340
SP20 MATH G000.01	3.0 KS	CAPITAL: MATH 335

***** GENERAL EDUCATION SEMESTER *****

THE DEGREE AUDIT REPORT SHOULD BE READ IN CONJUNCTION WITH AN UP-TO-DATE VERSION OF THE ENGINEERING CURRICULUM SHEET.

^^ GEN ED SEMESTER CURRICULUM FOR 2022 AUTUMN AND BEYOND ^^

CURRENT/ FUTURE TERM SCHEDULE

FUTURE TERM COURSEWORK

AU22 CSE 1222	3.0 IP	>I
AU22 ENGR 1100.07	1.0 IP	>I
AU22 ENGR 1182.01	2.0 IP	>I
AU22 MATH 2568	3.0 IP	>I
AU22 PHYSICS 1250	5.0 IP	>I

GENERAL GRADUATION REQUIREMENTS (MINIMUM - 128 HOURS)

EARNED: 71.00 HOURS

IN-PROGRESS: 14.00 HOURS

NEEDS: 43.00 HOURS

[R] A MINIMUM 2.0 GPA IS REQUIRED IN ALL UNIVERSITY COURSES
(14.00 HOURS TAKEN)

[R] AT LEAST 30 O.S.U. HOURS REQUIRED FOR GRADUATION
(14.00 HOURS TAKEN)

[R] AT LEAST 108 HOURS WHICH ARE NOT TAKEN PASS/NONPASS
(85.00 HOURS TAKEN)

[R] AT LEAST 30 O.S.U. HOURS OF ECE AND SELECTED CES COURSEWORK MUST BE TAKEN FOR GRADUATION
NUMBER OF HOURS COUNTING TOWARD GRADUATION
85.00 HOURS ADDED

COURSE WORK WHICH MAY BE LIMITED OR EXCLUDED IN MEETING GRADUATION REQUIREMENTS

COURSES WHICH HAVE HAD THEIR CREDIT REDUCED TO ZERO, INCLUDING CROSS-LISTED COURSES

SP22 ENGLISH 2367.04	0.0 KA	>D	CSCC: ENGL 2767
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STANDARDS OF ACADEMIC PERFORMANCE

TERM GRADE POINT AVERAGE - ALL COURSES



GRADE POINT AVERAGE - MAJOR COURSEWORK:

BASIC MATH & SCIENCE - ABET REQUIREMENTS: 30 HR MIN

EARNED: 21.00 HOURS

IN-
PROGRESS: 8.00 HOURS

29.00 HOURS ADDED

AU18	CHEM 1210	4.0	KC	CAPITAL: CHEM 101
AU18	MATH 1151	4.0	KB	CAPITAL: MATH 230
SP20	MATH 2153	4.0	KS	CAPITAL: MATH 330
SP20	PHYSICS 1251	4.0	KS	CAPITAL: PHYS 221
AU21	MATH 1172	5.0	KC	CSCC: MATH 1172
AU22	MATH 2568	3.0	IP	>I
AU22	PHYSICS 1250	5.0	IP	>I

NEEDS: 1.00 HOUR

GENERAL COLLEGE OF ENGINEERING REQUIREMENTS - I

AU22	ENGR 1100.07	1.0	IP	>I
SP22	ENGR 1181.01	2.0	KA	CSCC: ENGR 1181
AU22	ENGR 1182.01	2.0	IP	>I

GENERAL COLLEGE OF ENGINEERING REQUIREMENTS - IIENGINEERING CALCULUS I - CHOOSE A SINGLE COURSE:
MATH 1151, 1156, 1161 OR COMBO: MATH 1140 & 1141

ENGINEERING CALC 1 REQUIREMENT - COMPLETED

AU18	MATH 1151	4.0	KB	CAPITAL: MATH 230
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ENGINEERING CALC 2 REQUIREMENT - COMPLETED

AU21	MATH 1172	5.0	KC	CSCC: MATH 1172
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PHYSICAL SCIENCE COURSE - COMPLETED

AU22	PHYSICS 1250	5.0	IP	>I
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**ECE ENGINEERING - COMPUTER ENGINEERING - REQUIRED
NON-MAJOR COURSEWORK**

CHEMISTRY - COMPLETED

AU18	CHEM 1210	4.0	KC	CAPITAL: CHEM 101
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PHYSICS - COMPLETED

SP20	PHYSICS 1251	4.0	KS	CAPITAL: PHYS 221
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COMPUTER PROGRAMMING - COMPLETED

AU22	CSE 1222	3.0	IP	>I
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LINEAR ALGEBRA - COMPLETED

AU22	MATH 2568	3.0	IP	>I
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DIFFERENTIAL EQUATIONS - TAKE THIS COURSE

MATH 2415

OTHER OPTION: MATH 2255 & 4512

STATISTICS - CHOOSE ONE COURSE

STAT 3470.01, 3470.02

ETHICS - TAKE THIS COURSE

PHILOS 1332

ECONOMICS FOR CES - TAKE THIS COURSE

ISE 2040

ECE ENGINEERING - COMPUTER ENGINEERING - MAJOR CORE

INTRODUCTION TO DIGITAL LOGIC - TAKE THIS COURSE

ECE 2060

TRANSFER OPT: ECE 2061 & 2067

INTRODUCTION TO ANALOG SYSTEMS AND CIRCUITS - TAKE THIS COURSE

ECE 2020

TRANSFER OPT: ECE 2021 & 2027

INTRODUCTION TO DISCRETE TIME SIGNALS AND SYSTEMS - TAKE THIS COURSE

ECE 2050

COMPUTER & INFORMATION SCIENCE CORE 1 - TAKE THIS COURSE

CSE 2221

COMPUTER & INFORMATION SCIENCE CORE 2

NEEDS: 4 COURSES

CSE 2231,2321,2431,2451

ECE CORE COURSES

NEEDS: 6 COURSES

ECE 2560,3020,3027,3561,3567,5362

CAPSTONE ONE - TAKE THIS COURSE

ECE 3906

OTHER OPTION: ENGR 5901.01 & ECE 3090

CAPSTONE TWO - TAKE THIS COURSE

ECE 4905

OTHER OPTION: ENGR 5902.01

**ECE - TECHNICAL/DIRECT/TARGETED ELECTIVES
COMPUTER ENGINEERING PROGRAM OF STUDY (CES)***** COMPLETE 16 ELECTIVE HOURS FROM THE FOLLOWING:****1) TECHNICAL ELECTIVES - A MINIMUM OF 9 ECE/CSE HOURS
FROM THE SHORT LIST, WITH AT LEAST ONE ECE COURSE AT THE
5000 LEVEL****2) DIRECT ELECTIVES - UP TO 7 HOURS MAY BE USED***EARNED: 3.00 HOURS 1 REQUIREMENT**NEEDS: 13.00 HOURS 1 REQUIREMENT***ECE CES - TECHNICAL/DIRECT/TARGETED ELECTIVES****1.) COMPLETE 9 TOTAL HOURS OF ECE TECHNICAL ELECTIVES**

TAKE MINIMUM OF 9 ELECTIVE HRS FROM THE FOLLOWING SHORT LIST:

NEEDS: 6.00 HOURS

HUMANS&JUSTICE: ECE 5050,5550,5570

V.L.S.I.&C.A.D: ECE 5020,5194.08 OR 5560

MICROPROCESSOR: ECE 5465,5466

DIGITAL DESIGN: ECE 5462

CPTR. NETWORKS: ECE 4567,5101 CSE 3461

CYBER SECURITY: ECE 5555,5561,5567.01,5567.02

SIGNALS/SYSTEMS ECE 3050

ROBOTICS: ECE 3551,5463,5554

DIGITAL SIGNAL: ECE 5200,5206,5460 CSE 5523 OR ECE 4194.02 OR 5307

NUM. ANALYSIS: CSE 5361

DB/ALGORITHMS: CSE 3241,5242

HI.PERF.COMPUT: CSE 5441

A.) MUST COMPLETE AT LEAST ONE 5000 LEVEL ECE OR
CSE COURSE

NEEDS: 3.00 HOURS

ECE CES - TECHNICAL/DIRECT/TARGETED ELECTIVES**2.) DIRECTED ELECTIVES (MAX 7 HOURS MAY COUNT)**

EARNED: 3.00 HOURS

OTHER DIRECTED ELECTIVES - COMPLETED

AU18 CSE 1224

3.0 KA

CAPITAL: CS 160

*** GENERAL EDUCATION CURRICULUM ***

GENERAL EDUCATION LAUNCH SEMINAR

TAKE THE GE LAUNCH SEMINAR

GENED 1201

FOUNDATIONS

WRITING AND INFORMATION LITERACY - COMPLETE

SP16 ENGLISH 1110.01

3.0 KA

STHRN ST: ENGL1101

MATHEMATICAL AND QUANTITATIVE REASONING OR DATA
ANALYSIS - COMPLETE

AU18 MATH 1151

4.0 KB

CAPITAL: MATH 230

LITERARY, VISUAL AND PERFORMING ARTS - COMPLETE

AU19 MUSIC 2251

3.0 KA

CAPITAL: MUSIC120

HISTORICAL AND CULTURAL STUDIES - COMPLETE

AU21 HISTORY 2081

3.0 KC

CSCC: HIST 2224

NATURAL SCIENCE - COMPLETE

AU18 CHEM 1210

4.0 KC

CAPITAL: CHEM 101

SOCIAL AND BEHAVIORAL SCIENCES - COMPLETE

SP19 PSYCH 1100

3.0 KC

CAPITAL: PSYCH121

RACE, ETHNICITY AND GENDER DIVERSITY - TAKE ONE COURSE

AFAMAST 1112,2201,2218,2270,2281,2367.04 ANTHROP 1101 ARTEDUC 2600,2600H,2700
COMPSTD 1100,1100H,2350,2350H,2995 CRPLAN 3510 EDUTL 3005,3368 ENGLISH 2176,
ENGLISH 2221,2270,2270H,2281,2282,2381,2581 ESHESA 2577 ESPHE 3206 HDFS 3440
HEBREW 3704 HISTART 3010,3010H,3605,3605H HISTORY 2455,2620 JEWSHST 2455,3704
LING 3601 NELC 1125 PUBAFRS 2170 RELSTDS 2370,2370H SASIA 2230
SLAVIC 2995.99 SOCIOL 2463 SOCWORK 1140 THEATRE 2700 WGSST 1110,1110H,2215,
WGSST 2230,2260,2282,2305,2306,2317,2340,2367.04,2400

THEMATIC PATHWAYS - COMPLETE THE CITIZENSHIP FOR A DIVERSE AND JUST WORLD THEME AND ONE ADDITIONAL THEME.

COMPLETE THE CITIZENSHIP FOR A DIVERSE AND JUST WORLD
THEME. COMPLETE 1-2 COURSES FOR A MINIMUM OF 4-6 HOURS.

R

CITIZENSHIP FOR A DIVERSE AND JUST WORLD

AFAMAST 3450 COMM 2850 ENGLISH 2276,3110,3264,3395 GERMAN 3252.01,3252.02,
GERMAN 3254H HEBREW 3245 HISTORY 3002,3014,3017,3213,3213H,3245,3351,3680,3712
INTSTD 3450 JEWSHST 3245 MUSIC 3364,3364E RELSTDS 3678,3680 SASIA 3625
SOCIOL 3200

SELECT ONE OF THE FOLLOWING THEMES AND COMPLETE 1-2
COURSES FOR A MINIMUM OF 4-6 HOURS.

LIVED ENVIRONMENTS

AFAMAST 2367.07,3310 ANTHROP 3623 ARABIC 3702 ENGLISH 2367.05,2367.07,3360
FRENCH 2803.01 FRIT 3061 HISTORY 2701,3040 HTHRHSC 4600 NELC 3700

OR) HEALTH AND WELLBEING

AFAMAST 5650 ANTHROP 3302(SP23 OR AFTER) COMM 3442 ENGLISH 3031,3264
HISTORY 2703,3708 HTHRHSC 3400 MEDCOLL 4660,4660E PHR 2400.01,3708
PUBHEPI 2410 PUBHLTH 2010,2010H SOCIOL 5450 SOCWORK 2110

OR) SUSTAINABILITY

ANTHROP 3050,3623,4597.03 COMPSTD 4420 HISTORY 2702 PHILOS 2340,2342

GENERAL EDUCATION REFLECTION

TAKE THE GE REFLECTION SEMINAR

GENED 4001

**** ADVISORS ****

**THE FOLLOWING TRANSFER COURSES ARE APPROVED OHIO TRANSFER
36 COURSES BY THE OHIO DEPARTMENT OF HIGHER EDUCATION.
THESE COURSES SHOULD BE APPLIED IN PLACE OF THE INDICATED
OSU GENERAL EDUCATION REQUIREMENT (LEGACY AND NEW) WHERE
APPROPRIATE IN THE DEGREE AUDIT. APPLICATION OF THESE
COURSES MUST BE DONE BY EXCEPTION.**

THIS OT36 FIRST/SECOND WRITING GENERAL/SPECIAL COURSE
SHOULD BE APPLIED AS GENED FIRST OR SECOND WRITING

SP17	ENGLISH 2367.01	3.0	KA	RP	STHRN ST: ENGL1102
					IN PLACE OF: TME002


THIS OT36 SOCIAL & BEHAVIORAL SCI GENERAL/SPECIAL
COURSE SHOULD BE APPLIED AS SOCIAL AND BEHAVIORAL SCI

SP22	SOCIOL 1101	3.0	KB		CSCC: SOC 1101
					IN PLACE OF: TMSBS

**COURSE WORK COUNTED TOWARD GRADUATION BUT NOT USED
TOWARD A SPECIFIC GEC OR MAJOR REQUIREMENT**

SP17	ENGLISH 2367.01	3.0	KA	RP	STHRN ST: ENGL1102
AU18	COMM 2110	3.0	KB		CAPITAL: UC 120
AU18	MUSIC S000.02	1.0	KA		CAPITAL: MUSIC069
AU18	USAS S000.06	1.0	KS		CAPITAL: UNIV 193
SP19	MUSIC S000.03	1.0	KA		CAPITAL: MUSIC069
AU19	MUSIC S000.04	1.0	KA		CAPITAL: MUSIC069
AU19	PHYSICS S000.05	4.0	KB		CAPITAL: PHYS 220
SP20	MATH 2153	4.0	KS		CAPITAL: MATH 330
SP20	SOCIOL 3380	3.0	KS		CAPITAL: UC 200
SU21	CSE S000.11	3.0	KC		CSCC: CSCI 1103
AU21	CSE 1223	3.0	KB		CSCC: CSCI 2467
AU21	ECE S000.12	3.0	KA		CSCC: EET 1105
AU21	ECE S000.13	3.0	KA		CSCC: EET 1115
SP22	ENGR S000.14	1.0	KA		CSCC: ENGR 1181
SP22	SOCIOL 1101	3.0	KB		CSCC: SOC 1101

***** END OF ANALYSIS *****

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