Spring Arbor University
Advising Guide

NAME   **ID**   **ADVISOR**

MAJOR: ELECTRICAL ENGINEERING			85-86 Hours
Have	**Need**	**Grade**	
0	3		EGR 100 Intro to Engineering I
0	1		EGR 110 Basics of Engineering Dsgn
0	1		EGR 112 Intro Engineering II
0	4		CPS 201 Found of Computing I
0	4		CPS 201 Found of Computing II
0	4		EGR 203 Electric Circuits w/Lab
0	3		EGR 221 Advanced Circuits
0	3		EGR 222 Digital Electronics
0	4		EGR 301 Intro Microcontrollors w/lab
0	3		EGR 310 Electronic w/ lab
0	3		EGR 311 Advanced Electronics w/ lab
0	4		EGR 321 Digital Signal Process w/lab
0	4		EGR 401 Senior Design I
0	4		EGR 402 Senior Design II
0	0		
0	0		Complete one concentration below
0	45		**Total**

CONCENTRATION: Electrical Engineering

Have	Need	Grade	
0	3		EGR 411 Intro Microproc & Microcomp
0	3		EGR 412 Electro Fields & Waves w/Lab
0	3		EGR 417 Communications Engineering
0	4		PHY 212 University Physics II
0	13		**Total**

CONCENTRATION: Bio-electrical Engineering

Have	Need	Grade	
0	3		EGR 421 Intro Biosignal Analysis
0	3		EGR 422 Advanced Biosignal Anal
0	3		EGR 423 Biomechanics
0	3		BIO 264 A&P for Nurses
0	12		**Total**

REQUIRED SUPPORT			
Have	**Need**	**Grade**	
0	0	#	CHE 111 General Chemistry I
0	0	#	MAT 201 Calculus I
0	4		MAT 202 Calculus II
0	3		MAT 302 Vector Calculus
0	3		MAT 311 Differential Equations
0	3		MAT 351 Statistics
0	3		MAT 352 Linear Algebra
0	4		PHY 211 University Physics I
0	20		**Total** # Met in GE

CORE			
Have	**Need**	**Grade**	
0	3		COL 100 Discovery in the Liberal Arts
0	3		COL 200 Christian Faith
0	1		COL 274 Cross Cultural Orientation
0	3		COL 275 Cross Cultural Studies
0	3		COL 300 The Christian Faith: It's Practices
0	3		COL 400 The Christian-Contemporary World
0	16		**Total**

LIBERAL ARTS SKILLS

Have	Need	Grade	
0	3		ENG 104 College Writing*
0	3		ENG 304 Writing and Research**
0	2		HPR 101 Personal Fitness & Wellness
0	2		SPE 100 Oral Comm *or* SPE 212 Fund.*
0	10		**Total**

*   A 2.0+ GPA is required in ENG 104 and SPE.
** ENG 304 is waived by successful completion of the junior writing proficiency.

LIBERAL ARTS PATHWAYS

Have	Need	Grade	
0	2		ART 152, 162, 165, 204, 272, 321, or 322
0	2		MUS 152, 220 or MUS 230/240 (2 Semesters)
0	3		ENG 112 World Literature
0	4		CHE 111 General Chemistry I
0	4		MAT 201 Calculus I
0	3		PHI 200 Intro to Phil *or* PHI 210 Worldviews
0	3		BIB 217 Survey of the Old Testament
0	3		BIB 218 Survey of the New Testament
0	3		HIS 121, or HIS 141
0	3		ECN 221 Microecon. or 222 Macroecon.
0	30		**Total**

* This requirement is fulfilled by a course taken in the major or required support.

SUMMARY	
Date of Evaluation:	**Date of last revision:**
Teacher Certification: No ☒ Elementary ☐ Secondary ☐	
Anticipated Graduation Date :	**Combined GPA :**
Transcripts evaluated :	

	Need		Need		Need
COL		Major			
Comm		Support			
LAR		Minor			
Electives		Support			

Transfer Hours	**(max of 68 community college hrs)**	
SAU Hour s	0	
Total Hours Needed	0	**(124 hours)**
Upper Level Hours Completed	0 (40 hours)	