

## REPP ELECTRICAL ENGINEERING CURRICULUM GRID

Student Name \_\_\_\_\_

SID \_\_\_\_\_

Date Started \_\_\_\_\_

Advisor \_\_\_\_\_

FRESHMEN YEAR			
AREA	FALL SEMESTER COURSES	CREDIT HOURS	COURSES TAKEN
Institution	TIGR 1000 Freshman Year Experience I	1	
A	ENGL 1101 English Composition I	3	
A	MATH 1113 Pre-Calculus ( <i>Prerequisite MATH 1111 or a minimum score of 500 on the SAT or 19 on the ACT</i> )	3	
MAJOR	ENGR 1101 Introduction to Engineering	1	
Institution	HEDU 1101 Concepts of Healthful Living	2	
F	CHEM 1211 Principles of Chemistry I ( <i>Prerequisite CHEM 1115 OR 30 In Chemistry Assessment Test</i> )	3	
F	CHEM 1211L Principles of Chemistry I Lab	1	
	<b>TOTAL HOURS</b>	<b>14</b>	
AREA	SPRING SEMESTER COURSES	CREDIT HOURS	COURSES TAKEN
A	ENGL 1102 English Composition II ( <i>Prerequisite ENGL 1101</i> )	3	
F	CHEM 1212 Principles of Chemistry II ( <i>Prerequisite CHEM 1211</i> )	3	
F	CHEM 1212L Principles of Chemistry II Lab ( <i>Prerequisite CHEM 1211L</i> )	1	
A	MATH 2101 Calculus I ( <i>Prerequisite MATH 1113</i> )	4	
E	POLS 1101 American Government	3	
Institution	TIGR 1001 Freshman Year Experience II	1	
F	CSCI 1301 Computer Science I	3	
	<b>TOTAL HOURS</b>	<b>18</b>	
SOPHOMORE YEAR			
AREA	FALL SEMESTER COURSES	CREDIT HOURS	COURSES TAKEN
F	MATH 2111 Calculus II ( <i>Prerequisite MATH 2101</i> )	4	
F	CSCI 1371 Computing for Engineers and Scientists ( <i>Prerequisite MATH 1113</i> )	3	
D	PHYS 2211K Principles of Physics I ( <i>Prerequisite MATH 2101</i> )	4	
B	HUMN 1201 Critical Thinking & Communications	3	
C	PHIL 2030 Introduction to Ethics	3	
	<b>TOTAL HOURS</b>	<b>17</b>	
AREA	SPRING SEMESTER COURSES	CREDIT HOURS	COURSES TAKEN
F	MATH 2121 Calculus III ( <i>Prerequisite MATH 2111</i> )	4	
F	CSCI 1302 Computer Science II ( <i>Prerequisite CSCI 1301</i> )	4	
D	PHYS 2212K Principles of Physics II ( <i>Prerequisite PHYS 2211K</i> )	4	
MAJOR	ENGR 2030 Introduction to Computer Engineering ( <i>Prerequisite CSCI 1371</i> )	3	
F	MATH 3101 Linear Algebra ( <i>Prerequisite MATH 2111</i> )	3	
	<b>TOTAL HOURS</b>	<b>18</b>	

JUNIOR YEAR			
AREA	FALL SEMESTER COURSES	CREDIT HOURS	COURSES TAKEN
F	MATH 3301 Differential Equations ( <i>Prerequisite MATH 2111</i> )	4	
MAJOR	ENGR 2025 Introduction to Signal Processing ( <i>Prerequisites CSCI 1371 &amp; MATH 2111</i> )	4	
MAJOR	ENGR 2031 Digital Design Laboratory ( <i>Prerequisite ENGR 2030</i> )	2	
Institution	HEDU	1	
B	AFRS 1501 African American History	2	
E	HIST 2111 OR 2112 US History	3	
	<b>TOTAL HOURS</b>	<b>16</b>	
AREA	SPRING SEMESTER COURSES	CREDIT HOURS	COURSES TAKEN
MAJOR	ENGR 2040 Circuit Analysis ( <i>Prerequisites ENGR 2025, PHYS 2212K and MATH 3301</i> )	3	
F	MATH 3602 Linear and Discrete Mathematics ( <i>Prerequisite MATH 2111</i> )	4	
E	ECON 2105 Principles of Micro-Economics	3	
C	HUMN 2011 or ARTS 1101 or MUSC 1101 or THEA 2101 or ENGL 2521	3	
E	POLS 2401 Global Issues	3	
	<b>TOTAL HOURS</b>	<b>16</b>	
<b>Total to Graduate</b>		<b>99</b>	

CORE CURRICULUM AREAS (A-E)	45
Area F COURSES APPROPRIATE TO THE PROGRAM OF STUDY	37
Major	13
INSTITUTIONAL REQUIREMENTS	3
<b>TOTAL HOURS</b>	<b>98 HOURS</b>

**STUDENT AGREEMENT**

I agree to follow the above schedule.

\_\_\_\_\_ Student Signature

Approved By: \_\_\_\_\_  
Program Coordinator  
\_\_\_\_\_  
Department Chair

PREPARED BY:  
Dr. Spyros Andreou, PE  
Regents Engineering Pathways Program  
Coordinator  
Approved: September 2017  
Modified: 9/1/2017

Date: 9/1/2017

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