B.S. in Electrical Engineering - CWILT				
	Recommended Courses			
Fall Semester 1	Interim Semester 1	Spring Semester 1		R.E.A.L. Experience
PHY 292		PHY 296	Career Planning and Preparation PHASE 1: EXPLORE	R.E.A.L. Experience
& PHY 292D		& PHY 297	PHASE I. EXPLORE	
General Physics I and General Physics I Lab	GES 160 Inquiry Seminar	General Physics II and General Physics II Lab		Create your R.E.A.L. Portfolio
MAT 124M Calculus 1		MAT 125 Calculus 2	Explore self, careers, & God's call	Consider joining a club or ministry of interest
GES 140 Introduction to Wellbeing		GES 130 Christianity Western Culture	Take a Career Assessment	Consider finding a mentor
GES 140 Introduction to Wellbeing		GES 130 Christianity Western Culture	Research Careers: O*Net, Candid Careers, & informational	Consider illiding a mentor
GES 125 Introduction to the Creative Arts		BIB 101 Introduction to the Bible	interviews w/ Alums	
		Artistic Experience (A) course	Gain Experience: Part-time job; Campus Involvement (e.g.	
15		3 16	student club); Volunteering	
15				
		MILESTONES: Consider study abroad options		
			Career Planning and Preparation	R.E.A.L. Experience
			PHASE 1&2: EXPLORE/EXPERIENCE	Continue adding artifacts and reflections to your R.E.A.L
ENR 260 Careers in Engineering and Physics Seminar	ENR 160 Introduction to Engineering	MAT 222 Differential Equations	Finally was in if was a second of the second	Portfolio.
		PHY 312 & PHY 313	Finalize major if necessary & begin gaining experience	Consider taking a leadership position with a student clul
MAT 223 Multivariable Calculus		Modern Physics and Modern Physics Lab		
COS 205 Scientific Computing		Science, Technology, and Society (K) course	Create/update Resume & LinkedIn	Consider going on a spring break mission trip.
PHY 302		Second Language (S) course *1	Build professional network (e.g. informational interviews)	
& PHY 303			1	
Electronics and Electronics Lab Contemporary Western Life and Thought (L) course		Cross-cultural Experience (Z) Course	Attend Spring Career Fair	
		· · · · · · · · · · · · · · · · · · ·	1	
14		3	Obtain Internship or relevant job by summer	
		MILESTONES: Consider doing an online course over the sur	nmer	
	Recommended Courses			
Fall Semester 3	Interim Semester 3	Spring Semester 3	Career Planning and Preparation	R.E.A.L. Experience
	World Cultures (U) course	PHY 332	PHASE 2: EXPERIENCE	Review your R.E.A.L. Portfolio and prepare to make it
ENR 320 Mathematical Methods in Physics and Engineering		& PHY 333 Optics and Optics Lab		public.
ENR 316		ENR 352	Use experineces to narrow down career choice & develop	Consider studying abroad.
& ENR 317		& ENR 353	relevant skills	, ,
Analog Circuitry and Design and Analog Circuitry Design Lab		Computer Methods in Physics and Engineering and Computer Methods in Physics and Engineering Lab		
Lab		ENR 306	Participate in Fall & Spring Recruiting to obtain an	
		& ENR 307	internship	Consider applying for a Student Leadership Position in
PHY 400 Electricity and Magnetism		Digital Logic and Design and Digital Logic and Design Lab		Student Life.
THE 201 Christian Theology		Interpreting Biblical Themes (J) Course	Schedule a Mock Interview	Consider being a TA for a favorite class.
			Explore Grad Schools & Take Entrance Exams (e.g. GRE)	
15		2	if necessary Expand Professional Network	
15			<u> </u>	
	M	ILESTONE: A minimum 3.2 GPA in your major is a good goal to	strive for	
	Recommended Courses			
Fall Semester 4	Interim Semester 4	Spring Semester 4	Career Planning and Preparation	R.E.A.L. Experience
	Interim Off	ENR 446	PHASE 3: EXECUTE	Continue updating your public R.E.A.L. Portfolio with
END 200 Oissait Amelysis Oissait "		& ENR 447		relevant experiences and reflection.
ENR 326 Circuit Analysis Simulations		Control Systems and Control Systems Lab ENR 436	Execute an effective job or grad school search	
		& ENR 430	Execute an ellective job of grad scribbl search	
ENR 336 Signals and Systems		Microprocessors and Microprocessors Lab		Consider mentoring an underclassman.
ENR 424			Participate in Fall and Spring Recruiting	
& ENR 425 Materials and Devices and Materials and Devices Lab		ENR 490 Engineering Design Project		
		Contemporary Christian Issues (P) Course	Apply for Graduate School if necessary	
ENR 465 Engineering Design Seminar Comparative Systems (G) Course		Leisure and Lifetime Sport (Q) Course	Expand Professional Network	
			1	
16		0 15		
Total Credits: 130				
	first year language course or equivalent (Check the o	ratating for details of this option.)		
		ls below 15 credits/semester. (Interim credits may be split between t		

124M Calculus 1	Interim Semester 1	Spring Semester 1	Career Planning and Preparation	R.E.A.L. Experience
HY 292D eral Physics I and General Physics I Lab 7 124M Calculus 1				1
eral Physics I and General Physics I Lab 124M Calculus 1		PHY 296 & PHY 297	PHASE 1: EXPLORE	
124M Calculus 1	GES 147 Humanities II: Renaissance and Reformation	General Physics II and General Physics II Lab		Create your R.E.A.L. Portfolio
	SEO 147 Flumanidos II. Penaissanoe ana Penaimaton	MAT 125 Calculus 2	Explore self, careers, & God's call	Consider joining a club or ministry of interest
: 4.40 Inter-direction to Mollibrian		BIB 101 Introduction to the Bible	Take a Career Assessment	
S 140 Introduction to Wellbeing		GES 244 Humanities III: European Enlightenment and	Research Careers: O*Net. Candid Careers. & informational	Consider finding a mentor
S 145 Humanities I: Greco-Roman through Middle Ages		American Culture to 1877	interviews w/ Alums	
ure and Lifetime Sport (Q) course			Gain Experience: Part-time job; Campus Involvement (e.g.	
			student club); Volunteering	
16	•	1 1	5	
		MILESTONES: Consider study abroad options		
			Career Planning and Preparation	R.E.A.L. Experience
			PHASE 1&2: EXPLORE/EXPERIENCE	Continue adding artifacts and reflections to your R.E.A
223 Multivariable Calculus	ENR 160 Introduction to Engineering	MAT 222 Differential Equations		Portfolio.
2 OAC II		PHY 312	Finalize major if necessary & begin gaining experience	Consider taking a leadership position with a student clu
S 246 Humanities IV: Modern and Contemporary stern Culture		& PHY 313 Modern Physics and Modern Physics Lab		
′ 302		Modern Friyatea and Modern Friyatea Lab	Create/update Resume & LinkedIn	Consider going on a spring break mission trip.
HY 303			T. T	
tronics and Electronics Lab		COS 205 Scientific Computing		
ld Cultures (U) course		Second Language (S) course *1	Build professional network (e.g. informational interviews)	
		Cross-cultural Experience (Z) course	Attend Spring Career Fair	
14		3 15	Obtain Internship or relevant job by summer	
	MIL	ESTONES: Consider doing an online course over the sur	mmer	
	Recommended Courses			
Fall Semester 3	Interim Semester 3	Spring Semester 3	Career Planning and Preparation	R.E.A.L. Experience
	Comparative Systems (G) course	PHY 332	PHASE 2: EXPERIENCE	Review your R.E.A.L. Portfolio and prepare to make it
R 320 Mathematical Methods in Physics and	Somparative dystems (d) course	& PHY 333	THOL 2. EXI ENENGE	public.
ineering		Optics and Optics Lab		[
₹ 316		ENR 352	Use experineces to narrow down career choice & develop	Consider studying abroad.
NR 317		& ENR 353	relevant skills	
log Circuitry and Design and Analog Circuitry Design		Computer Methods in Physics and Engineering and Computer Methods in Physics and Engineering Lab		
		ENR 306	Participate in Fall & Spring Recruiting to obtain an	
		& ENR 307	internship	Consider applying for a Student Leadership Position in
400 Electricity and Magnetism		Digital Logic and Design and Digital Logic and Design Lab		Student Life.
R 260 Careers in Engineering and Physics Seminar		Interpreting Biblical Themes (J) course	Schedule a Mock Interview	Consider being a TA for a favorite class.
nce, Technology, and Society (K) course			Explore Grad Schools & Take Entrance Exams (e.g. GRE)	
			if necessary	
			Expand Professional Network	
16		1		
	MILEST	ONE: A minimum 3.2 GPA in your major is a good goal to	strive for	
	Recommended Courses			
Fall Semester 4	Interim Semester 4	Spring Semester 4	Career Planning and Preparation	R.E.A.L. Experience
lı	nterim Off	ENR 446	PHASE 3: EXECUTE	Continue updating your public R.E.A.L. Portfolio with
0000 0000 11 A collecte 0000 1001		& ENR 447		relevant experiences and reflection.
R 326 Circuit Analysis Simulations		Control Systems and Control Systems Lab ENR 436	Evacute an effective ich ar grad school assert	
		& ENR 436	Execute an effective job or grad school search	
R 336 Signals and Systems		Microprocessors and Microprocessors Lab		Consider mentoring an underclassman.
R 424		,	Participate in Fall and Spring Recruiting	J J
NR 425				
erials and Devices and Materials and Devices Lab		ENR 490 Engineering Design Project		
R 465 Engineering Design Seminar		Contemporary Christian Issues (P) course	Apply for Graduate School if necessary	
		Artistic Experience (A) course	Expand Professional Network	
13		15	5	
al Credits: 129		•	·	