

Engineering - Electrical Engineering

Milligan College

Catalog Year
2016-17

This document is designed as a guide for students planning their course selection and is only a suggested schedule. Actual course selections should be made with the advice and consent of the academic advisor. While accurately portraying the information contained in the College Catalog, this form is not considered a legal substitute for that document. Students should become familiar with the Catalog in effect at the time in which they enter Milligan.

FALL SEMESTER 1		
COURSE	TITLE	CREDITS
PHYS 203	General Physics I	4
MATH 211	Calculus I	4
CHEM 170	General Chemistry I	4
FENG 101	Eng. from a Christian Worldview	1
MLGN 100	Intro to College & Service	0.5
BIBL 123	Old Testament Survey	3
TOTAL CREDITS		16.5

SPRING SEMESTER 1		
COURSE	TITLE	CREDITS
PHYS 204	General Physics II	4
MATH 212	Calculus II	4
FENG 102	Engineering Fundamentals	3
COMP 111	Rhetorical Composition	3
BIBL 124	New Testament Survey	3
TOTAL CREDITS		17

FALL SEMESTER 2		
COURSE	TITLE	CREDITS
MATH 303	Multivariable Calculus	4
FENG 201	Statics	3
EENG 201	Applied Elect Theory I	3
COMP 211	Analytical Composition	3
HUMN 101	Ancient & Medieval Cultures	4
TOTAL CREDITS		17

SPRING SEMESTER 2		
COURSE	TITLE	CREDITS
MATH 309	Differential Equations	3
MATH 307	Linear Algebra	3
EENG 202	Introduction to Digital Systems	3
EENG 221	Computer Programming	3
MLGN 200	Intro to Calling & Career	0.5
HUMN 102	Renaissance & Early Mod Cul	4
TOTAL CREDITS		16.5

FALL SEMESTER 3		
COURSE	TITLE	CREDITS
FENG 301	Applied Math & Prog for Eng	3
EENG 301	Applied Electrical Theory II	3
EENG 321	Computer Engineering I	3
EENG 363	Analog Devices	3
HUMN 201	18th & 19th Centuries Cult	4
TOTAL CREDITS		16

SPRING SEMESTER 3		
COURSE	TITLE	CREDITS
EENG 311	Communication Systems	3
EENG 362	Microprocessor Applications	3
EENG 364	Controls	3
EENG 371	Power Systems	3
HPXS 101	Fitness for Life	1
HUMN 202	Cultures of the 20th/21st Cent	4
TOTAL CREDITS		17

FALL SEMESTER 4		
COURSE	TITLE	CREDITS
EENG 322	Computer Engineering II	3
EENG 431	Applied Electronics	4
EENG 481	Electrical Design Project I	3
COMM 102	Speech Communication	3
	Social learning course GER	3
TOTAL CREDITS		16

SPRING SEMESTER 4		
COURSE	TITLE	CREDITS
EENG 302	Electromagnetics	3
EENG 471	Applied Power and Controls	4
EENG 482	Electrical Design Project II	3
BIBL 471	Christ and Culture	3
	Ethnic studies GER	3
TOTAL CREDITS		16
MINIMUM 128 NEEDED FOR GRAD		132

GER = General Education Requirements