ENGINEERING TECHNOLOGY: MECHANICAL EMPHASIS

General Education Core

Code	Title	Credits
Written Communication		
ENGL-101	WRITING AND RHETORIC I	3.00
Oral Communication		
Take one of the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
Mathematical Ways of Knowing		
Take one of the following:		4.00
MATH-147	PRECALCULUS	
MATH-170	CALCULUS I	
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II	
MTHPT-137	MATH FOR TECHNOLOGY	
Social & Behavioral Ways of Knowing		
Take one of the following:		3.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ECON-201	PRINCIPLES OF MACROECONOMICS	
ECON-202	PRINCIPLES OF MICROECONOMICS	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	
HIST-112	UNITED STATES HISTORY II	
HRPT-184	DIVERSITY IN ORGANIZATIONS	
or SS-184	DIVERSITY IN ORGANIZATIONS	
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS	
or SS-185	HUMAN RELATIONS IN ORGANIZATIONS	
POLS-101	AMERICAN NATIONAL GOVERNMENT	
POLS-237	INTERNATIONAL POLITICS	
POLS-285	COMPARATIVE GOVERNMENT	
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY	
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY	
SOC-101	INTRODUCTION TO SOCIOLOGY	
SOC-102	SOCIAL PROBLEMS	
Additional General Education Core Course		**3.00**
*Additional Core Course cannot be used to fulfill a requirement above.		
Select the link below to review LC State's General Education Core courses		
http://catalog.lcsc.edu/general-education (http://catalog.lcsc.edu/general-education/)/		
Total Credits		**16.00**

Program Requirements

Code	Title	Credits
Take all of the following:		
ENGTE-106	DRAFTING FUNDAMENTALS	6.00
ENGTE-107	ENGINEERING TECHNOLOGY DISCIPLINES	2.00

ENGTE-125	3D CAD MODELING I	3.00
ENGTE-131	MECHANICAL DRAFTING	4.00
ENGTE-135	APPLIED PHYSICS	4.00
ENGTE-154	INTRODUCTION TO COMPUTER-AIDED DRAFTING	4.00
ENGTE-171	INTRODUCTION TO GEOSPATIAL TECHNOLOGIES	2.00
ENGTE-225	3-D CAD MODELING II	4.00
ENGTE-227	CAD/CAM	3.00
ENGTE-231	GD&T APPLICATION & INTERPRETATION	3.00
ENGTE-241	INTRODUCTION TO MACHINING	3.00
ENGTE-243	ADVANCED MACHINING	3.00
ENGTE-246	CONSTRUCTION AND MANUFACTURING TECHNOLOGY	2.00
ENGTE-261	3-D ASSEMBLIES & AUTOMATION	3.00
Total Credits		**46.00**

Sequential Plan of Study Engineering Technology: Mechanical Emphasis

Course	Title	Credits
First Year		
Fall		
ENGTE-106	DRAFTING FUNDAMENTALS	6.00
ENGTE-107	ENGINEERING TECHNOLOGY DISCIPLINES	2.00
ENGTE-154	INTRODUCTION TO COMPUTER-AIDED DRAFTING	4.00
CORE	Mathematical Ways of Knowing	4.00
	Credits	**16.00**
Spring		
ENGL-101	WRITING AND RHETORIC I	3.00
ENGTE-125	3D CAD MODELING I	3.00
ENGTE-135	APPLIED PHYSICS	4.00
ENGTE-171	INTRODUCTION TO GEOSPATIAL TECHNOLOGIES	2.00
ENGTE-246	CONSTRUCTION AND MANUFACTURING TECHNOLOGY	2.00
	Credits	**14.00**
Second Year		
Fall		
ENGTE-131	MECHANICAL DRAFTING	4.00
ENGTE-225	3-D CAD MODELING II	4.00
ENGTE-231	GD&T APPLICATION & INTERPRETATION	3.00
ENGTE-241	INTRODUCTION TO MACHINING	3.00
CORE	Oral Communication	3.00
	Credits	**17.00**
Spring		
ENGTE-227	CAD/CAM	3.00
ENGTE-243	ADVANCED MACHINING	3.00
ENGTE-261	3-D ASSEMBLIES & AUTOMATION	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
CORE	Additional General Education Course	3.00
	Credits	**15.00**
	Total Credits	**62.00**