





	MECHANICS I													
EMT 3103	ELECTRICAL MACHINE DRIVE I	Discipline Core	/	/	/									
EMT 3104	MECHATRONIC SYSTEM PROGRAMMING I	Discipline Core	/	/	/	/				/				
EMT 3105	CIRCUIT AND NETWORK THEORY II	Discipline Core	/	/	/									
SMA 3121	COMPLEX ANALYSIS	Common Core	/	/										
IGS 3101	COMMUNICATION SKILLS: TRADITIONAL AFRICAN HEALTH AND ENVIRONMENTAL CONCERNS	MOE Compulsory							/	/	/	/		
EMT 3201	PRODUCTION TECHNOLOGY	Discipline Core	/	/	/	/		/	/					
EMT 3202	MECHATRONIC SYSTEM PROGRAMMING II	Discipline Core	/	/	/	/				/				
EMT 3203	SOLID AND STRUCTURAL MECHANICS II	Discipline Core	/	/	/									
EMT 3204	ELECTRICAL MACHINE DRIVES II	Discipline Core	/	/	/									
EMT 3205	MEASUREMENT AND INSTRUMENTATION	Discipline Core	/	/	/									
EMT 3206	DIGITAL ELECTRONICS I	Discipline Core	/	/	/	/				/				
IGS 3202	COMMUNICATION SKILLS: THE ARTS OF AFRICA	MOE Compulsory						/	/	/	/			
EMT 3301	INDUSTRIAL ATTACHMENT I	Industrial training		/	/	/	/	/	/	/	/	/	/	/
EMT 4101	MECHANICAL MACHINE DESIGN	Discipline Core	/	/	/	/				/				

EMT 4102	CONTROL ENGINEERING I	Discipline Core	/	/	/	/				/		
EMT 4103	SENSORS AND TRANSDUCERS	Discipline Core	/	/	/	/				/		
EMT 4104	DESIGN OF MECHATRONIC SYSTEM	Discipline Core	/	/	/	/				/		
SMA 3272	STATISTICS	Common Core	/	/								
EEE 3209	DIGITAL ELECTRONICS II	Discipline Core	/	/	/	/				/		
IGS 4101	CRITICAL THINKING & COMMUNICATION SKILLS CAPSTONE PROJECT 1	MOE Compulsory							/	/	/	/
EMT 4201	SPATIAL MECHANICS	Discipline Core	/	/	/	/				/		
EMT 4202	ELECTRONIC PRODUCT DESIGN	Discipline Core	/	/	/	/				/		
EMT 4203	CONTROL ENGINEERING II	Discipline Core	/	/	/	/				/		
EMT 4204	POWER ELECTRONICS	Discipline Core	/	/	/	/				/		
EEE 4208	MICROPROCESSORS	Discipline Core	/	/	/	/				/		
SMA 3621	NUMERICAL METHODS	Common Core	/	/								
IGS 4202	CRITICAL THINKING & COMMUNICATION SKILLS CAPSTONE PROJECT 2	MOE Compulsory							/	/	/	/
EMT 4301	INDUSTRIAL ATTACHEMENT II	Industrial training	/	/	/	/	/	/	/	/	/	/
EMT 5101	PROJECT I	Final project		/	/	/	/	/	/	/	/	/
EMT 5102	VIBRATION	Discipline Core	/	/	/							/
EMT 5103	COMPUTER CONTROLLED MANUFACTURING	Discipline Core	/	/	/	/				/		/

EMT 5104	INDUSTRIAL MANAGEMENT	Common Core			/			/			/	/	
EMT 5201	INTEGRATED DESIGN PROJECT	Final project		/	/	/	/	/	/	/	/	/	/
EMT 5202	MANUFACTURING PROCESS PLANNING	Discipline Core	/	/	/								
EMT 5203	EXPERIMENTAL STRESS ANALYSIS	Discipline Core	/	/	/								
EMT 5204	INDUSTRIAL LAW	Common Core			/		/			/	/	/	
EMT 5105	ELECTRO- HYDRAULIC AND PNEUMATIC SYSTEM	Discipline Elective	/	/	/	/				/			
EMT 5106	INDUSTRIAL ROBOTICS	Discipline Elective	/	/	/	/				/			
EMT 5205	MANUFACTURING TECHNOLOGY	Discipline Elective	/	/	/								
EMT 5206	PROGRAMMABLE LOGIC CONTROLLERS AND THEIR APPLICATIONS	Discipline Elective	/	/	/	/				/	/	/	
EMT 5107	TRANSMISSION SYSTEMS	Discipline Elective	/	/	/	/				/	/	/	
EMT 5108	AUTOMOTIVE NETWORKING SYSTEM	Discipline Elective	/	/	/	/				/	/	/	
EMT 5207	AUTOMOTIVE SYSTEM COMPATIBILITY AND FAULT DIAGNOSIS	Discipline Elective	/	/	/	/				/	/	/	
EMT 5208	UTILITY FEATURES AND VEHICLE SECURITY SYSTEMS	Discipline Elective	/	/	/	/				/	/	/	





<b>EQUATION (ODE)</b>												
<b>COMMUNICATION SKILLS: AFRICA'S CONTRIBUTION TO MATHEMATICS AND FILM</b>	/	/				/						
<b>ENGINEERING MECHANICS</b>	/	/	/	/								
<b>ENGINEERING MATERIALS</b>	/	/	/	/								
<b>CIRCUIT AND NETWORK THEORY I</b>	/	/	/	/								
<b>THERMODYNAMICS</b>	/	/	/	/								
<b>FLUID MECHANICS</b>	/	/	/	/								
<b>PARTIAL DIFFERENTIAL EQUATIONS (PDE)</b>	/		/									
<b>COMMUNICATION SKILLS: AFRICAN TECHNOLOGY AND LITERATURE</b>	/	/				/						
<b>INTERNAL ATTACHMENT</b>	/	/	/	/	/	/	/	/	/	/	/	/
<b>ENGINEERING DESIGN PROCESS</b>	/	/	/	/				/	/	/	/	
<b>SOLID AND STRUCTURAL MECHANICS I</b>	/	/	/	/								

<b>ELECTRICAL MACHINE DRIVES I</b>	/	/	/	/								
<b>MECHATRONIC SYSTEM PROGRAMMING I</b>	/	/	/	/								
<b>CIRCUIT AND NETWORK THEORY II</b>	/	/	/	/								
<b>COMPLEX ANALYSIS</b>	/		/									
<b>COMMUNICATION SKILLS: TRADITIONAL AFRICAN HEALTH AND ENVIRONMENTAL CONCERNS</b>	/	/				/						
<b>PRODUCTION TECHNOLOGY</b>	/	/	/	/				/	/	/	/	
<b>MECHATRONIC SYSTEM PROGRAMMING II</b>	/	/	/	/								
<b>SOLID AND STRUCTURAL MECHANICS II</b>	/	/	/	/								
<b>ELECTRICAL MACHINE DRIVES II</b>	/	/	/	/								
<b>MEASUREMENT AND INSTRUMENTATION</b>	/	/	/	/								
<b>DIGITAL</b>	/	/	/	/								

<b>ELECTRONICS I</b>												
<b>COMMUNICATION SKILLS: THE ARTS OF AFRICA</b>	/	/				/						
<b>INDUSTRIAL ATTACHMENT I</b>	/	/	/	/	/	/	/	/	/	/	/	/
<b>MECHANICAL MACHINE DESIGN</b>	/	/	/	/				/	/	/	/	
<b>CONTROL ENGINEERING I</b>	/	/	/	/								
<b>SENSORS AND TRANSDUCERS</b>	/	/	/	/								
<b>DESIGN OF MECHATRONIC SYSTEM</b>	/	/	/	/				/	/	/	/	
<b>STATISTICS</b>	/		/									
<b>DIGITAL ELECTRONICS II</b>	/	/	/	/								
<b>CRITICAL THINKING &amp; COMMUNICATION SKILLS CAPSTONE PROJECT 1</b>	/	/				/	/					
<b>SPATIAL MECHANICS</b>	/	/	/	/								
<b>ELECTRONIC PRODUCT DESIGN</b>	/	/	/	/				/	/	/	/	
<b>CONTROL ENGINEERING II</b>	/	/	/	/								

<b>POWER ELECTRONICS</b>	/	/	/	/								
<b>MICROPROCESSORS</b>	/	/	/	/								
<b>NUMERICAL METHODS</b>	/	/	/	/								
<b>CRITICAL THINKING &amp; COMMUNICATION SKILLS CAPSTONE PROJECT 2</b>	/	/				/	/					
<b>INDUSTRIAL ATTACHMENT II</b>	/	/	/	/	/	/	/	/	/	/	/	/
<b>PROJECT I</b>	/	/	/	/	/	/	/	/	/	/	/	/
<b>VIBRATION</b>	/	/	/	/								
<b>COMPUTER CONTROLLED MANUFACTURING</b>	/	/	/	/								
<b>INDUSTRIAL MANAGEMENT</b>	/	/	/	/	/	/	/	/	/	/	/	/
<b>PROJECT II</b>	/	/	/	/	/	/	/	/	/	/	/	/
<b>MANUFACTURING PROCESS PLANNING</b>	/	/	/	/								
<b>EXPERIMENTAL STRESS ANALYSIS</b>	/	/	/	/								
<b>INDUSTRIAL LAW</b>	/	/	/	/								
<b>ELECTRO-HYDRAULIC AND</b>	/	/	/	/			/					

<b>PNEUMATIC SYSTEM</b>												
<b>INDUSTRIAL ROBOTICS</b>	/	/	/	/			/					
<b>MANUFACTURING TECHNOLOGY</b>	/	/	/	/			/					
<b>PROGRAMMABLE LOGIC CONTROLLERS AND THEIR APPLICATIONS</b>	/	/	/	/			/					
<b>TRANSMISSION SYSTEMS</b>	/	/	/	/			/					
<b>AUTOMOTIVE NETWORKING SYSTEM</b>	/	/	/	/			/					
<b>AUTOMOTIVE SYSTEM COMPATIBILITY AND FAULT DIAGNOSIS</b>	/	/	/	/			/					
<b>UTILITY FEATURES AND VEHICLE SECURITY SYSTEMS</b>	/	/	/	/			/					