

## Associate of Science: Pre-Engineering (ENGR.AS D-H-S)

		St	udent ID			Phone		
		м	ajor			Email		
English / Fine Arts – 12 H	ours Sem	Grade	Group III	(ACTS)	Sciences /	Math – 21 Hours	Sem	Grade
9 Hours from the followir	ng				4 hours from the following			
Composition I			BY 114 (B	BY 114 (BIOL 1014)		General Biology I		
Composition II			BY 134 (BIOL 1054)		General Zoology			
Fund of Speech			BY 144 (BIOL 1034)		General Botany			
3 Hours of Fine Arts Elect	ives Sem	Grade			8 Hours from the following		Sem	Grade
World Literature I OR World Literature II			CY 114 (C	HEM 1414)	General Chemistry I			
Fine Arts			CY 124 (C	HEM 1424)	General Chemistry II			
Music Appreciation			CY 214	14 Organic Chemistry I				
Intro. To Philosophy			CY 224		Organic Chemistry II			
Intro to Theatre					9 Hours from the following		Sem	Grade
Foreign Language Elective	1		MS 123 (I	MATH 1103)	College Algebra			
Social Science – 9 Hours	Sem	Grade	MS 133 (I	MATH 1203)	Trigonometry			
3 Hours from the following	ng		MS 215 (I	MATH 2405)	*Calculus I			
World Civilizations I OR World Civilizations II			MS 225 (1	MATH 2505)	*Calculus II			
3 Hours from the following	ng Sem	Grade	MS 233 (1	MATH 2603)	*Calculus III			
U.S. History I OR U.S. History II			Group IV	(ACTS)	Physical Education-1 Hour		Sem	Grade
	ng Sem	Grade	PEAC		Any Selected PEAC Course			
			PE 223 (H	EAL 1003)	Health & Safety			
Intro to Geography			Group V	(ACTS)	Tech & Pre-Engineering – 7 Hours		Sem	Grade
World Civilizations I OR World Civilizations II			DR 104		Intro to CAD I			
U.S. History I OR U.S. History II			DR 114		Intro to CAD II			
Am Fed Government			CT 113 (C	PSI 1003)	Computer Information Systems			
State & Local Government			Electives		Approved Electives – 10 hours		Sem	Grade
General Psychology			BY 124 (B	IOL 1024)	Botany for Non-Majors			
Fund of Sociology			Electives	from Group III to	to total 60 hours			
	Program/	Graduatio	on Require	ments				
60 Hours	Deficiencies:							
A								
				ellor/Dean/Cha gnature)	ir			
	<ul> <li>9 Hours from the followin</li> <li>Composition I</li> <li>Composition II</li> <li>Fund of Speech</li> <li>3 Hours of Fine Arts Elect</li> <li>World Literature I OR World Literature I</li> <li>Fine Arts</li> <li>Music Appreciation</li> <li>Intro. To Philosophy</li> <li>Intro to Theatre</li> <li>Foreign Language Elective</li> <li>Social Science – 9 Hours</li> <li>3 Hours from the followin</li> <li>World Civilizations I OR World Civilizations II</li> <li>3 Hours from the followin</li> <li>U.S. History I OR U.S. History I</li> <li>3 Hours from the followin</li> <li>Macroeconomics OR Microeconomics OR Microeconomics II</li> <li>10 Hours from the followin</li> <li>U.S. History I OR U.S. History I OR</li> <li>U.S. History I</li> <li>Am Fed Government</li> <li>State &amp; Local Government</li> <li>General Psychology</li> <li>Fund of Sociology</li> </ul>	9 Hours from the following         Composition I         Composition II         Fund of Speech         3 Hours of Fine Arts Electives         Sem         World Literature I OR World Literature II         Fine Arts         Music Appreciation         Intro. To Philosophy         Intro to Theatre         Foreign Language Elective         Social Science – 9 Hours         Sem         World Civilizations I OR World Civilizations I OR         World Civilizations II         3 Hours from the following         Sem         U.S. History I OR U.S. History I OR         U.S. History I         3 Hours from the following         Sem         Macroeconomics OR Microeconomics         Intro to Geography         World Civilizations I OR World Civilizations I OR World Civilizations I OR World Civilizations I N         U.S. History I OR U.S. History I OR U.S. History I OR U.S. History II         Am Fed Government         State & Local Government         General Psychology         Fund of Sociology         Fund of Sociology	English / Fine Arts – 12 Hours       Sem       Grade         9 Hours from the following	9 Hours from the following       BY 144 (E         Composition I       BY 134 (E         Composition II       BY 134 (E         Fund of Speech       BY 144 (E         3 Hours of Fine Arts Electives       Sem       Grade         World Literature I OR       CY 114 (C         Music Appreciation       CY 124 (C         Intro. To Philosophy       CY 224         Intro to Theatre       MS 123 (f         Foreign Language Elective       MS 123 (f         Social Science – 9 Hours       Sem       Grade         World Civilizations I OR       MS 215 (f         World Civilizations I OR       MS 225 (f         World Civilizations I OR       Group IV         3 Hours from the following       Sem       Grade         Microeconomics       PE 223 (H         Intro to Geography       Group IV         3 Hours from the following       Sem       Grade         Microeconomics OR       PE 223 (H         Microeconomics OR       PE 223 (H         Microeconomics I OR       DR 104         U.S. History I OR       DR 104         U.S. History II       DR 104         U.S. History I OR       DR 104         U.S. History I OR       DR 104 <td>English / Fine Arts - 12 Hours       Sem       Grade       Group III (ACTS)         9 Hours from the following      </td> <td>English / Fine Arts – 12 Hours       Sem       Grade       Group III (ACTS)       Science / I         9 Hours from the following       A hours fro       4 hours fro       4 hours fro         Composition I       BY 114 (BIOL 1014)       General Bic       6 Group III (ACTS)       General Bic         Composition I       BY 134 (BIOL 1054)       General Bo       8 Hours fro       8 Hours fro         Fund of Speech       BY 144 (BIOL 1034)       General Bo       9 Hours fro       8 Hours fro         World Literature 1 OR       World Literature 1       CY 114 (CHEM 1414)       General Ch         Music Appreciation       CY 214       Organic Ch         Intro. To Philosophy       CY 224       Organic Ch         Intro to Theatre       9 Hours fro       9 Hours fro         Foreign Language Elective       MS 123 (MATH 1103)       College Alg         Social Science – 9 Hours       Sem       Grade       MS 233 (MATH 2405)       *Calculus I         World Civilizations I R       MS 225 (MATH 2405)       *Calculus II       *Calculus II         U.S. History II       Grade       MS 233 (MATH 2603)       *Calculus II         U.S. History II       Grade       PE A22       Any Selecte         Macroeconomics OR       PE 223 (HEAL 1003)       Health</td> <td>English / Fine Arts – 12 Hours       Sem       Grade       Group III (ACTS)       Sciences / Math – 21 Hours         9 Hours from the following       BY 114 (BIOL 1014)       General Biology I         Composition II       BY 114 (BIOL 1014)       General Biology I         Fund of Speech       BY 114 (BIOL 1034)       General Botany         3 Hours of Fine Arts Electives       Sem       Grade       8 Hours from the following         World Literature I OR       Grade       8 Hours from the following       General Chemistry I         Music Appreciation       CY 114 (CHEM 1414)       General Chemistry II         Intro. To Philosophy       CY 224       Organic Chemistry II         Intro. To Philosophy       CY 224       Organic Chemistry II         Intro to Theatre       9 Hours from the following       Science – 9 Hours         Social Science – 9 Hours       Sem       Grade       MS 123 (MATH 103)       College Algebra         3 Hours from the following       MS 223 (MATH 203)       * Calculus I       World Civilizations I I       MS 225 (MATH 2405)       * Calculus I         3 Hours from the following       Sem       Grade       MS 233 (MATH 2603)       * Calculus II         U.S. History I OR       Science – 9 Hours       Sem       Grade       PEAC       Any Selected PEAC Course<td>English / Fine Arts - 12 Hours       Sem       Grade       Group III (ACTS)       Sciences / Math - 21 Hours       Sem         9 Hours from the following       4 hours from the following       4 hours from the following       1         Composition I       BY 114 (BIOL 1014)       General Biology I       1         Composition I       BY 134 (BIOL 1054)       General Botany       1         3 Hours of Fine Arts Electives       Sem       Grade       8 Hours from the following       Sem         World Literature I OR       CY 114 (CHEM 1414)       General Chemistry I       1       1         Music Appreciation       CY 214 (CY 214       Organic Chemistry II       1       1         Intro To Philosophy       CY 224       Organic Chemistry II       1       1         Intro To Theatre       Sem       Grade       MS 123 (MATH 1103)       College Algebra       5         Social Science - 9 Hours       Sem       Grade       MS 225 (MATH 2405)       *Calculus I       1         World Civilizations IOR       MS 225 (MATH 2505)       *Calculus II       1       1       1         J Hours from the following       Sem       Grade       MS 223 (MATH 2603)       *Calculus II       1         U.S. History IOR       Group V (ACTS)       Physica</td></td>	English / Fine Arts - 12 Hours       Sem       Grade       Group III (ACTS)         9 Hours from the following	English / Fine Arts – 12 Hours       Sem       Grade       Group III (ACTS)       Science / I         9 Hours from the following       A hours fro       4 hours fro       4 hours fro         Composition I       BY 114 (BIOL 1014)       General Bic       6 Group III (ACTS)       General Bic         Composition I       BY 134 (BIOL 1054)       General Bo       8 Hours fro       8 Hours fro         Fund of Speech       BY 144 (BIOL 1034)       General Bo       9 Hours fro       8 Hours fro         World Literature 1 OR       World Literature 1       CY 114 (CHEM 1414)       General Ch         Music Appreciation       CY 214       Organic Ch         Intro. To Philosophy       CY 224       Organic Ch         Intro to Theatre       9 Hours fro       9 Hours fro         Foreign Language Elective       MS 123 (MATH 1103)       College Alg         Social Science – 9 Hours       Sem       Grade       MS 233 (MATH 2405)       *Calculus I         World Civilizations I R       MS 225 (MATH 2405)       *Calculus II       *Calculus II         U.S. History II       Grade       MS 233 (MATH 2603)       *Calculus II         U.S. History II       Grade       PE A22       Any Selecte         Macroeconomics OR       PE 223 (HEAL 1003)       Health	English / Fine Arts – 12 Hours       Sem       Grade       Group III (ACTS)       Sciences / Math – 21 Hours         9 Hours from the following       BY 114 (BIOL 1014)       General Biology I         Composition II       BY 114 (BIOL 1014)       General Biology I         Fund of Speech       BY 114 (BIOL 1034)       General Botany         3 Hours of Fine Arts Electives       Sem       Grade       8 Hours from the following         World Literature I OR       Grade       8 Hours from the following       General Chemistry I         Music Appreciation       CY 114 (CHEM 1414)       General Chemistry II         Intro. To Philosophy       CY 224       Organic Chemistry II         Intro. To Philosophy       CY 224       Organic Chemistry II         Intro to Theatre       9 Hours from the following       Science – 9 Hours         Social Science – 9 Hours       Sem       Grade       MS 123 (MATH 103)       College Algebra         3 Hours from the following       MS 223 (MATH 203)       * Calculus I       World Civilizations I I       MS 225 (MATH 2405)       * Calculus I         3 Hours from the following       Sem       Grade       MS 233 (MATH 2603)       * Calculus II         U.S. History I OR       Science – 9 Hours       Sem       Grade       PEAC       Any Selected PEAC Course <td>English / Fine Arts - 12 Hours       Sem       Grade       Group III (ACTS)       Sciences / Math - 21 Hours       Sem         9 Hours from the following       4 hours from the following       4 hours from the following       1         Composition I       BY 114 (BIOL 1014)       General Biology I       1         Composition I       BY 134 (BIOL 1054)       General Botany       1         3 Hours of Fine Arts Electives       Sem       Grade       8 Hours from the following       Sem         World Literature I OR       CY 114 (CHEM 1414)       General Chemistry I       1       1         Music Appreciation       CY 214 (CY 214       Organic Chemistry II       1       1         Intro To Philosophy       CY 224       Organic Chemistry II       1       1         Intro To Theatre       Sem       Grade       MS 123 (MATH 1103)       College Algebra       5         Social Science - 9 Hours       Sem       Grade       MS 225 (MATH 2405)       *Calculus I       1         World Civilizations IOR       MS 225 (MATH 2505)       *Calculus II       1       1       1         J Hours from the following       Sem       Grade       MS 223 (MATH 2603)       *Calculus II       1         U.S. History IOR       Group V (ACTS)       Physica</td>	English / Fine Arts - 12 Hours       Sem       Grade       Group III (ACTS)       Sciences / Math - 21 Hours       Sem         9 Hours from the following       4 hours from the following       4 hours from the following       1         Composition I       BY 114 (BIOL 1014)       General Biology I       1         Composition I       BY 134 (BIOL 1054)       General Botany       1         3 Hours of Fine Arts Electives       Sem       Grade       8 Hours from the following       Sem         World Literature I OR       CY 114 (CHEM 1414)       General Chemistry I       1       1         Music Appreciation       CY 214 (CY 214       Organic Chemistry II       1       1         Intro To Philosophy       CY 224       Organic Chemistry II       1       1         Intro To Theatre       Sem       Grade       MS 123 (MATH 1103)       College Algebra       5         Social Science - 9 Hours       Sem       Grade       MS 225 (MATH 2405)       *Calculus I       1         World Civilizations IOR       MS 225 (MATH 2505)       *Calculus II       1       1       1         J Hours from the following       Sem       Grade       MS 223 (MATH 2603)       *Calculus II       1         U.S. History IOR       Group V (ACTS)       Physica

(ACTS) \*Highly recommended classes/electives