

Course Title	ACC Course	UAH Equivalent	Cr. Hrs.	Major For Which Required <sup>2</sup> :
ENGLISH COMPOSITION COURSES				
English Composition I	ENG 101	EH 101	3	All
English Composition II	ENG 102	EH 102	3	All
MATHEMATICS COURSES				
Calculus I	MTH 125	MA 171	4	All
Calculus II	MTH 126	MA 172	4	All
Calculus III	MTH 227	MA 201	4	All
Linear Algebra	MTH 237	MA 244	3	CE, CPE, EE, ISE, OPE, MAE/ME <sup>3</sup>
Differential Equations	MTH 238	MA 238	3	All
Discrete Math	MTH 250	CS 214	3	CPE
Probability & Statistics	MTH 270		3	CE, CPE
PHYSICS COURSES				
Gen. Physics w/Calc. I	PHY 213	PH 111/114	4	All
Gen. Physics w/Calc. II	PHY 214	PH 112/115	4	All
Prin. Of Mod. Physics	PHY 217	PH 113/116	4	EE, OPE, MAE/ME <sup>4</sup>
CHEMISTRY COURSES				
General Chemistry I	CHM 111	CH 121/125	4	All
General Chemistry II	CHM 112	CH 123/126	4	CHE, CE, ISE <sup>5</sup> , MAE/ME <sup>4</sup>
Organic Chemistry I	CHM 221	CH 331/335	4	CHE
Organic Chemistry II	CHM 222	CH 332/336	4	CHE
HISTORY, BEHAVIORAL & SOCIAL SCIENCES COURSES (9 HOURS)				
<i>A six (6) hour sequence is required in either History, Social &amp; Behavioral Sciences or in the Humanities &amp; Fine Arts.</i>				
<b>History</b>	HIS 101	HY 101	3 to 6	All
	HIS 102	HY 102		
	HIS 121	HY 103		
	HIS 122	HY 104		
	HIS 201	HY 221		
	HIS 202	HY 222		
Choose the remaining six (6) credit hours from the following: Anthropology, Economics, Geography, History, Political Science, Psychology, or Sociology.				
HUMANITIES & FINE ARTS COURSES (9 HOURS)				
<i>A six (6) hour sequence is required in either History, Social &amp; Behavioral Sciences or in the Humanities &amp; Fine Arts.</i>				
<b>Literature</b>	ENG 251 or 252	EH 230	3 to 6	All
	ENG 261	EH 205		
	ENG 262	EH 206		
	ENG 271	EH 240		
	ENG 272	EH 241		
<b>Fine Art</b>	ART 100	No Equivalent	3 to 6	All
	ART 203	ARH 100		
	ART 204	ARH 101		
	MUS 101	MU 100		
	THR 120	CM 122		
Choose the remaining three (3) credit hours from the following: Art Appreciation, Art History, Literature, Foreign Language, Music Appreciation, Philosophy, Religion, or Speech.				
ADDITIONAL COURSES				
C/C++ Programming	CIS 251	CPE 112	3	CE, CPE, EE, ISE, MAE/ME <sup>6</sup> , OPE
Engineering Graphics	EGR 122	MAE 110	3	CE, ISE, MAE/ME

<sup>1</sup> A maximum of sixty-four (64) credit hours from a two-year institution can be applied toward an Engineering degree at UAH.  
<sup>2</sup> The UAH College of Engineering offers eight ABET accredited majors: Chemical (CHE), Civil (CE), Computer (CPE), Electrical (EE), Industrial & Systems (ISE), Mechanical (ME), Mechanical Aerospace (MAE), and Optical (OPE).  
<sup>3</sup> Mechanical (ME) & Aerospace (MAE) no longer require Linear Algebra, but you may take it and use it for a Technical Elective.  
<sup>4</sup> Mechanical (ME) & Aerospace (MAE) now have a science elective. Mechanical (ME) may select BIO 103 = BYS 119, CH 112 = CH 123/126 OR PHY 217 = PH 113/116 for their science elective & Aerospace (MAE) may select CH 112 = CH 123/126 OR PHY 217 = PH 113/116 for their science elective.  
<sup>5</sup> Industrial & Systems (ISE) will allow you to take CHM 112 = CH 123/126 OR BIO 103 = BYS 119 as your second science requirement OR you may take a 300 or 400 level Math class at UAH to complete the second science requirement.  
<sup>6</sup> Mechanical (ME) & Aerospace (MAE) no longer require C++ Prog., but you may take it and substitute it for MAE 285, but MAE 285 would be more beneficial.

For more information contact: (256) 824-6877 or [advising@eng.uah.edu](mailto:advising@eng.uah.edu)

<b>Alternate STARS Contract</b>					
	Last Name	First Name	SSN	Signature	Date

The Stars Articulation Agreement can be found at: <http://stars.troy.edu>