

Name \_\_\_\_\_

Student Number \_\_\_\_\_

Associate in Science degree

**Students must print and retain the articulation guide for Industrial Engineering along with the transfer institution's Area V courses once determining Industrial Engineering to be their major.** This guide and the Area V course listing must be submitted to the senior institution upon transfer. Failure to do so may result in the program not being transferable. This program does not transfer to all senior public institutions in Alabama. It is the student's responsibility to become familiar with the requirements of the intended transfer senior institution. Refer to the articulation guide for this major for a listing of senior institutions with this major at jeffstateonline.com.

\*A minimum of 60 hours and a minimum GPA of 2.00 is required for a degree from Jefferson State.

\*A minimum of 16 hours in this program must be completed at Jefferson State to satisfy the residency requirement.

**Courses for Areas II-IV must be selected from the AGSC General Course Listing found on the back of this checksheet**

**Degree Requirements**

**Area I: Written Communication**

**6**

ENG 101 \_\_\_\_\_  
ENG 102 \_\_\_\_\_

**Area II: Humanities and Fine Arts**

**9**

\*Literature \_\_\_\_\_ 3  
Arts (A) \_\_\_\_\_ 3  
Complete SPH 106 or SPH 107 \_\_\_\_\_ 3

**Area III: Natural Sciences and Mathematics**

**12**

MTH 125S \_\_\_\_\_ 4  
PHY 213S \_\_\_\_\_ 4  
PHY 214S \_\_\_\_\_ 4

**Area IV: History, Social, and Behavioral Sciences**

**9**

\*History \_\_\_\_\_ 3  
+Additional History, Social, and Behavioral Sciences \_\_\_\_\_ 6

**Area V: Pre-Professional, Major and Elective Courses**

**25**

MTH 126S \_\_\_\_\_ 4  
MTH 227 \_\_\_\_\_ 4  
MTH 237 \_\_\_\_\_ 3  
MTH 238 \_\_\_\_\_ 3  
CHM 111 \_\_\_\_\_ 4  
CHM 112 \_\_\_\_\_ 4  
CIS 251 \_\_\_\_\_ 3

I understand that I may not graduate under these requirements after summer term 2014.

\_\_\_\_\_  
Student's signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Advisor

\_\_\_\_\_  
Date

\_\_\_\_\_  
Advisor's Telephone Number

\*As a part of the General Studies Curriculum, students must complete a six semester hour sequence either in literature or in history.

**+Refer to AGSC transfer guide for specific course options.**

## AGSC General Course Listing

<b>Area II: Humanities and Fine Arts</b>	<b>12</b>		<b>8</b>
Literature	3	Natural Sciences	
ENG 251 American Literature I		AST 220 Introduction to Astronomy	
ENG 252 American Literature II		BIO 101 Introduction to Biology	
ENG 261 English Literature I		BIO 102 Introduction to Biology II	
ENG 262 English Literature II		BIO 103 Principles of Biology I	
ENG 271 World Literature I		BIO 104 Principles of Biology II	
ENG 272 World Literature II		CHM 104 Intro to Inorganic Chemistry	
Arts	3	CHM 105 Intro to Organic Chemistry	
ART 100 Art Appreciation (A)		CHM 111 College Chemistry I	
ART 203 Art History I (A)		CHM 112 College Chemistry II	
ART 204 Art History II (A)		IDH 107 Disc: Questions, Hypotheses/Exp	
MUS 101 Music Appreciation (A)		IDH 109 Cont. Prob. In Science & Tech	
THR 120 Theatre Appreciation (A)		PHS 111 Physical Science I	
THR 126 Introduction to Theatre (A)		PHS 112 Physical Science II	
Additional Humanities and Fine Arts	6	PHY 201 General Physics I	
PHL 106 Introduction to Philosophy		PHY 202 General Physics II	
PHL 206 Ethics and Society		PHY 213 General Physics w/Calculus I	
REL 151 Survey of the Old Testament		PHY 214 General Physics w/Calculus II	
REL 152 Survey of the New Testament			
SPH 106 Fund. of Speech Communication		<b>Area IV: History, Social, and Behavioral</b>	
SPH 107 Fund. of Public Speaking		<b>Sciences</b>	<b>12</b>
SPH 116 Introduction to Interpersonal		History	3
Communication		HIS 101 History of Western Civilization I	
SPA 101 Introductory Spanish I		HIS 102 History of Western Civilization II	
SPA 102 Introductory Spanish II		HIS 201 United States History I	
SPA 201 Intermediate Spanish I		HIS 202 United States History II	
SPA 202 Intermediate Spanish II		Additional History, Social, and Behavioral	
<b>Area III: Natural Sciences and Mathematics</b>	<b>11</b>	Sciences	<b>9</b>
Mathematics	3	ANT 200 Introduction to Anthropology	
MTH 110 Finite Mathematics		ANT 210 Physical Anthropology	
MTH 112 Precalculus Algebra		ANT 220 Cultural Anthropology	
MTH 113 Precalculus Trigonometry		ANT226 Culture and Personality	
MTH 115 Precalculus Algebra & Trig		ANT 230 Introduction to Archaeology	
MTH 120 Calculus and Its Applications		ECO 231 Macroeconomics	
MTH 125 Calculus I		ECO 232 Microeconomics	
MTH 126 Calculus II		GEO 100 World Regional Geography	
MTH 227 Calculus III		IDH 206 Political. & Intellectual Forces in	
MTH 237 Linear Algebra		the 20th Century	
MTH 238 Applied Differential Equations I		POL 211 American National Government	
		PSY 200 General Psychology	
		PSY 210 Human Growth and Development	
		SOC 200 Introduction to Sociology	
		SOC 210 Social Problems	