



**Saluki Step Ahead**  
City Colleges of Chicago  
AES General to BS IMAE

**SEMESTER 1 - City Colleges of Chicago**

ENGLISH 101	Composition	3.0
MATH 207	Calculus & Analytic Geometry I	5.0
CHEM 201	General Chemistry I	5.0
Elective	IAI Social Science	3.0
		<b>16.0</b>

**SEMESTER 2 - City Colleges of Chicago**

ENGLISH 102	Composition	3.0
MATH 208	Calculus & Analytic Geometry II	5.0
PHYSICS 235	Eng Physics I: Mechanics & Wave Motion	5.0
BIOLOGY 115/121	Human Biology -or- Biology I	4.0
		<b>17.0</b>

**SEMESTER 3 - City Colleges of Chicago**

MATH 209	Calculus & Analytic Geometry III	5.0
PHYSICS 236	Eng Physics II: Electricity & Magnetism	5.0
ENGR 190/CIS 142	Comp Prog for Engrs -or- C++ Obj Oriented Prog	3.0
Elective	Pathway Elective	3.0
		<b>16.0</b>

**SEMESTER 4 - City Colleges of Chicago**

MATH 210	Differential Equations	3.0
Elective	IAI Humanities/Fine Arts	3.0
Elective	Pathway Elective	5.0
Elective	Pathway Elective	4.0
		<b>15.0</b>

**SEMESTER 5 - SIU**

CMST 101	Intro: Oral Communication	3.0
Elective	Social Science	3.0
IMAE 110	Geometric Dimensioning & Tolerancing	3.0
IMAE 208	Fund of Manufacturing Processes	3.0
IMAE 305	Industrial Safety	3.0
		<b>15.0</b>

**SEMESTER 6 - SIU**

Elective	Fine Arts	3.0
Elective	Multicultural	3.0
Elective	IMAE Elective, 300-400 Level	3.0
IMAE 390	Cost Estimating	3.0
IMAE 442	Fundamentals of Leadership	3.0
		<b>15.0</b>

**SEMESTER 8 - SIU**

IMAE 392	Facilities Planning & Workplace Design	3.0
IMAE 450	Project Management	3.0
IMAE 465	Lean Manufacturing	3.0
IMAE 470A	Six Sigma Green Belt I	3.0
IMAE 476	Supply Chain Management	3.0
		<b>15.0</b>

**SEMESTER 9 - SIU**

IMAE 375	Production & Inventory Management	3.0
IMAE 340	Intro to Supervision	3.0
IMAE 470B	Six Sigma Green Belt II	3.0
IMAE 445	Computer Integrated Manufacturing	3.0
Elective	IMAE Elective, 300-400 Level	3.0
		<b>15.0</b>

**TOTAL HOURS: 124.0**