



## Saluki Step Ahead

Kaskaskia College  
AES to BS IMAE

### SEMESTER 1 - Kaskaskia College

CHEM 111	Chemistry I (Inorganic Chemistry)	5.0
ENGL 101	English Composition	3.0
MATH 166	Calc & Analytic Geometry I	5.0
ENGR 103	Engineering Graphics and CAD	3.0
Elective	IAI Humanities	3.0
		<b>19.0</b>

### SEMESTER 2 - Kaskaskia College

ENGL 102	English Composition	3.0
MATH 267	Calc & Analytic Geometry II	4.0
PHYS 201	University Physics I	5.0
ENGR 203	Statics	3.0
		<b>15.0</b>

### SEMESTER 3 - Kaskaskia College

PHYS 202	University Physics II	5.0
MATH 268	Calc & Analytic Geometry III	4.0
ENGR 201	Computer Programming for Engineers	3.0
ENGR 204	Dynamics	3.0
Elective	IAI Social and Behavioral Science	3.0
		<b>18.0</b>

### SEMESTER 4 - Kaskaskia College

MATH 269	Differential Equations	3.0
Elective	IAI Social and Behavioral Science	3.0
COMM 103	(Recommended) Fundamentals of Speech Comm	3.0
PHLE 120	(Recommended) Ethics	3.0
		<b>12.0</b>

### SEMESTER 5 - SIU

Elective	Life Science	3.0
IMAE 110	Geometric Dimensioning & Tolerancing	3.0
IMAE 208	Fundamentals of Manu Processes	3.0
IMAE 305	Industrial Safety	3.0
IMAE 375	Production & Inventory Management	3.0
		<b>15.0</b>

### SEMESTER 6 - SIU

Elective	Multicultural	3.0
Elective	IMAE 300-400 Level	3.0
IMAE 390	Cost Estimating	3.0
IMAE 442	Fundamentals of Leadership	3.0
IMAE 476	Supply Chain Management	3.0
		<b>15.0</b>

### SEMESTER 7 - 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
Elective	General Elective	2.0
		<b>14.0</b>

### SEMESTER 8 - SIU

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 300-400 Level	3.0
		<b>12.0</b>