



## Saluki Step Ahead

Carl Sandburg College  
AS General to BS IMAE

### SEMESTER 1 - Carl Sandburg College

ENG 101	Freshman Composition 1	3.0
MAT 240	Calculus with Analytic Geometry 1	5.0
BIO 101	General Biology	4.0
Elective	IAI Social Science	3.0
Elective	General Elective	3.0
		<b>18.0</b>

### SEMESTER 2 - Carl Sandburg College

ENG 102	Freshman Composition 2	3.0
MAT 241	Calculus with Analytic Geometry 2	5.0
Elective	IAI Humanities	3.0
Elective	General Elective	3.0
		<b>14.0</b>

### SEMESTER 3 - Carl Sandburg College

MAT 242	Calculus with Analytic Geometry 3	4.0
PHY 151	General Physics 1	5.0
Elective	IAI Social Science	3.0
SPE 120	Introduction to Public Speaking	3.0
		<b>15.0</b>

### SEMESTER 4 - Carl Sandburg College

PHY 152	General Physics 2	5.0
Elective	Human Relations Course	3.0
Elective	IAI Fine Arts	3.0
Elective	IAI Humanities	3.0
Elective	General Elective	3.0
		<b>17.0</b>

### SEMESTER 5 - SIU

Elective	General Elective	3.0
IMAE 110	Geometric Dimensioning & Tolerancing	3.0
IMAE 208	Fund of Manufacturing Processes	3.0
IMAE 305	Industrial Safety	3.0
IMAE 340	Intro to Supervision	3.0
		<b>15.0</b>

### SEMESTER 6 - SIU

Elective	General Elective	3.0
Elective	IMAE Elective, 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 8 - SIU

Elective	General Elective	3.0
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
		<b>15.0</b>

### SEMESTER 9 - SIU

IMAE 375	Production & Inventory Management	3.0
IMAE 470B	Six Sigma Green Belt II	3.0
IMAE 445	Computer Integrated Manufacturing	3.0
Elective	IMAE Elective, 400-300 Level	3.0
		<b>12.0</b>

**TOTAL HOURS: 121.0**