



**Saluki Step Ahead**  
Rend Lake College  
AES General to BS IMAE

**SEMESTER 1 - Rend Lake College**

CSCI 1104	Intro to Programming	4.0
ENGL 1101	Rhetoric & Composition I	3.0
PHY 1103	University Physics I	5.0
MATH 1121	Calculus & Analytic Geometry I	5.0
		<b>17.0</b>

**SEMESTER 2 - Rend Lake College**

ENGG 1101	Engineering Graphics	4.0
ENGL 1102	Rhetoric & Composition II	3.0
PHY 1104	University Physics II	5.0
MATH 2122	Calculus & Analytic Geometry II	5.0
		<b>17.0</b>

**SEMESTER 3 - Rend Lake College**

CHE 1103	Inorganic Chemistry	5.0
COMM 1101	Principles of Effective Speaking	3.0
MATH 2123	Calculus & Analytic Geometry III	4.0
PHY 2101	Statics	3.0
PHIL 2101	Logic	3.0
		<b>18.0</b>

**SEMESTER 4 - Rend Lake College**

BIO 1100	Biology for Non-Majors	4.0
MATH 2130	Differential Equations	3.0
ECON 2101	Principles of Economics I	3.0
PHY 2102	Dynamics	3.0
PHY 2121	Electrical Engineering Circuits	4.0
		<b>17.0</b>

**SEMESTER 5 - SIU**

Elective	Social Science	3.0
Elective	Fine Arts	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	Multicultural	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 7 - SIU**

IMAE 340	Intro to Supervision	3.0
IMAE 392	Facilities Planning & Workplace Design	3.0
IMAE 450	Project Management	3.0
IMAE 465	Lean Manufacturing	3.0
Elective	IMAE Elective, 300-400 Level	3.0
		<b>15.0</b>

**SEMESTER 8 - SIU**

IMAE 375	Production & Inventory Management	3.0
IMAE 470A	Six Sigma Green Belt I	3.0
IMAE 470B	Six Sigma Green Belt II	3.0
IMAE 445	Computer Integrated Manufacturing	3.0
		<b>12.0</b>

**TOTAL HOURS: 120.0**