



Saluki Step Ahead
John A Logan College
AES General to BS IMAE

SEMESTER 1 - John A Logan College

ORI 100/SOC 100	College 101 -or- STEM Fundamentals	1.0
MAT 131	Calculus I	5.0
EGR 101	Engineering Graphics -or- Elective	3.0
ENG 101/113	English Comp I -or- Prof Tech Writing	3.0
CHM 151	Chemical Principles	5.0
		17.0

SEMESTER 2 - John A Logan College

MAT 201	Calculus II	5.0
PHY 205	University Physics I	5.0
CPS 206/CHM 152	Com Sci I -or- Chem Princ w/Quant Analysis	4.0
ENG 102	English Composition II	3.0
		17.0

SEMESTER 3 - John A Logan College

MAT 202	Calculus III	3.0
PHY 206	University Physics II	5.0
PHY 201	Statics	3.0
ECO 201	Macroeconomics -or- Social Science	3.0
Elective	IAI Humanities -or- Fine Arts	3.0
		17.0

SEMESTER 4 - John A Logan College

MAT 205	Differential Equations	3.0
PHY 202	Dynamics	3.0
ECO 202	Microeconomics -or- Social Science	3.0
Elective	IAI Life Science	3.0
PHY 224/214	Electric Circ Analy w/Lab -or- Intro Circuit Analy	3.0
		15.0

SEMESTER 5 - SIU

CMST 101	Intro: Oral Communication	3.0
Elective	Multicultural	3.0
IMAE 110	Geometric Dimensioning & Tolerancing	3.0
IMAE 208	Fundamentals of Manufact Processes	3.0
IMAE 305	Industrial Safety	3.0
		15.0

SEMESTER 6 - SIU

Elective	Fine Arts	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 Mgmt	3.0
		15.0

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
Elective	IMAE Elective, 300-400 Level	3.0
		15.0

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
		12.0

TOTAL HOURS: 123.0