



Saluki Step Ahead
 College of Lake County
 AES General to BS IMAE

SEMESTER 1 - College of Lake County

ENG 121	English Composition I	3.0
MTH 145	Calculus and Analytic Geometry I	5.0
CLC 120	College Success Seminar	2.0
EGR 120	Intro to Engineering -or- Elective	1.0
CHM 121	General Chemistry I	5.0
		16.0

SEMESTER 2 - College of Lake County

ENG 122	English Composition II	3.0
PSY 121	Intro to Psyc -or- IAI Soc & Beh Scie	3.0
PHY 123	Physics for Science & Engr I	5.0
MTH 146	Calculus & Analytic Geometry II	4.0
EGR 121	Engineering Graphics	3
		18.0

SEMESTER 3 - College of Lake County

PHI 125	Intro to Ethics -or- IAI Humanites/Fine Arts	3.0
PHY 124	Physics for Science & Engr II	5.0
MTH 246	Calculus & Analytic Geometry III	5.0
EGR 125	Engineering Stats -or- Tech Elect	3.0
		16.0

SEMESTER 4 - College of Lake County

ECO 222	Prin of Microeconomics -or- IAI Soc & Beh Sci	3.0
MTH 227	Differential Equations	3.0
EGR 225	Engineering Dynamics -or- Tech Elect	3.0
EGR 260	Intro to Circuit Analysis -or- Tech Elect	3.0
MCS 140/141	Comp Programming I -or- Comp Sci I	3.0
		15.0

SEMESTER 5 - SIU

CMST 101	Intro: Oral Communication	3.0
Elective	Life Science	3.0
IMAE 110	Geometric Dimesnioning & 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	Multicultural	3.0
Elective	IMAE Elective, 300-400 Level	3.0
IMAE 390	Cost Estimating	3.0
IMAE 442	Fundamentals of Leadership	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
IMAE 476	Supply Chain Management	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
Elective	IMAE Elective, 300-400 Level	3.0
		15.0

TOTAL HOURS: 125.0