



Saluki Step Ahead

Joliet Junior College
AS Engineering to BS IMAE

SEMESTER 1 - Joliet Junior College

ENG 101	Rhetoric I	3.0
MATH 170	Calculus w/ Analytic Geometry I	4.0
Elective	IAI Life Science	3.0
Elective	IAI Social Science	3.0
Elective	IAI Fine Arts	3.0
		16.0

SEMESTER 2 - Joliet Junior College

ENG 102	Rhetoric II	3.0
MATH 171	Calculus w/ Analytic Geometry II	4.0
PHYS 201	Engineering Physics I	5.0
Elective	IAI Social Science	3.0
		15.0

SEMESTER 3 - Joliet Junior College

COMM 101	Principles of Speech	3.0
PHYS 202	Engineering Physics II	5.0
CHEM 101	Fundamentals of Chemistry	5.0
MATH 172	Calculus w/ Analytic Geometry III	4.0
		17.0

SEMESTER 4 - Joliet Junior College

MFG 200	(Recommended) Geom Dimension/Tolerancing	3.0
MATH 220	Differential Equations/Orthogonal Funct	3.0
Elective	IAI Humanities	3.0
Elective	General Elective	3.0
Elective	General Elective	4.0
		16.0

SEMESTER 5 - SIU

Elective	Multicultural	3.0
IMAE 208	Fundamentals of Manufacturing Processes	3.0
IMAE 305	Industrial Safety	3.0
IMAE 375	Production & Inventory Management	3.0
Elective	General Elective	3.0
		15.0

SEMESTER 6 - SIU

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
IMAE 340	Intro to Supervision	3.0
		15.0

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
		14.0

SEMESTER 8 - SIU

Elective	General Elective	3.0
IMAE 470B	Six Sigma Green Belt II	3.0
IMAE 445	Computer Intergrated Manufacturing	3.0
Elective	IMAE, 300-400 Level	3.0
		12.0

TOTAL HOURS: 120.0