



Saluki Step Ahead
Elgin Community College
AS General to BS IMAE

SEMESTER 1 - Elgin Community College

ENG 101	English Composition I	3.0
MTH 112	College Algebra	4.0
Elective	IAI Life Science	3.0
Elective	IAI Social Science	3.0
Elective	IAI Fine Arts	3.0
		16.0

SEMESTER 2 - Elgin Community College

ENG 102	English Composition II	3.0
MTH 114	Trigonometry	3.0
Elective	General Elective	2.0
Elective	IAI Behavioral Science	3.0
Elective	IAI Humanities	3.0
		14.0

SEMESTER 3 - Elgin Community College

PHY 211	Engineering Physics I	5.0
CMS 101	Fundamentals of Speech	3.0
Elective	IAI Humanities	3.0
MTH 190	Calculus w/Analytic Geometry I	5.0
		16.0

SEMESTER 4 - Elgin Community College

Elective	IAI Multicultural	3.0
PHY 212	Engineering Physics II	5.0
Elective	General Elective	3.0
Elective	General Elective	3.0
CAD 205	Geometric Dimension & Tolerancing	3.0
		17.0

SEMESTER 5 - SIU

IMAE 208	Fund of Manufacturing Processes	3.0
Elective	IMAE Elective, 300-400 Level	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	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
		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 3470A	Six Sigma Green Belt I	3.0
Elective	General Elective	3.0
		15.0

SEMESTER 9 - SIU

IMAE 340	Intro to Supervision	3.0
IMAE 470B	Six Sigma Green Belt II	3.0
IMAE 445	Computer Integrated Manufacturing	3.0
Elective	General Elective	3.0
		12.0

TOTAL HOURS: 120.0