



Saluki Step Ahead

Kishwaukee College
AES to BS IMAE

SEMESTER 1 - Kishwaukee College

ENG 103	Composition I	3.0
MAT 229	Calculus & Analytic Geometry I	5.0
Elective	IAI Social/Behavioral Sciences	3.0
CHE 210	General Chemistry I	5.0
EGR 101	Introduction to Engineering	1.0
		17.0

SEMESTER 2 - Kishwaukee College

ENG 104	Composition II	3.0
PHY 263	Fundamentals of Physics I	4.0
Elective	IAI Humanities	3.0
MAT 230	Calculus & Analytic Geometry II	5.0
Elective	Engineering Specialty Course	3.0
		18.0

SEMESTER 3 - Kishwaukee College

COM 100	Oral Communication	3.0
		3.0

SEMESTER 4 - Kishwaukee College

PHY 273	Fundamentals of Physics II	4.0
CIS 150	C++ Programming I	3.0
MAT 231	Calculus & Analytic Geometry III	5.0
Elective	Engineering Specialty Course	3.0
		15.0

SEMESTER 5 - Kishwaukee College

MAT 206	Differential Equations	3.0
Elective	IAI Social/Behavioral Sciences	3.0
Elective	IAI Fine Arts	3.0
Elective	Engineering Specialty Course	3.0
Elective	Engineering Specialty Course	3.0
		15.0

SEMESTER 6 - SIU

Elective	Life Science	3.0
IMAE 110	Geometric Dimensioning & Tolerancing	3.0
IMAE 208	Fund of Manufacturing Processes	3.0
IMAE 305	Industrial Safety	3.0
IMAE 340	Intro to Supervision	3.0
		15.0

SEMESTER 7 - 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
		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
		12.0

SEMESTER 9 - SIU

IMAE 375	Production & Inventory Management	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
		12.0

TOTAL HOURS: 122.0