



Saluki Step Ahead
 Sauk Valley Community College
 AES to BS IMAE

SEMESTER 1 - Sauk Valley Community College

ENG 101	Composition I	3.0
MAT 203	Calculus & Analytic Geom I	4.0
FYE 101	First Year Experience	1.0
CHE 105	General Chemistry I	5.0
Elective	IAI Social Science	3.0
		16.0

SEMESTER 2- Sauk Valley Community College

ENG 103	Composition II	3.0
MAT 204	Calculus & Analytic Geom II	4.0
PHY 211	Engineering Physics I	5.0
MAT 105/CIS 207	Comp Prog for Math & Engr -or- C++ Programming I	3.0
		15.0

SEMESTER 3 - Sauk Valley Community College

PHY 212	Engineering Physics II	5.0
MAT 205	Calculus & Analytic Geom III	4.0
Elective	IAI Fine Arts	3.0
Elective	Engineering Specialty Course	4.0
		16.0

SEMESTER 4 - Sauk Valley Community College

MAT 211	Differential Equations	3.0
PHY 213	Engineering Physics III	5.0
Elective	IAI Humanities	3.0
Elective	Engineering Specialty Course	3.0
Elective	Engineering Specialty Course	3.0
		17.0

SEMESTER 5 - SIU

CMST 101	Intro: Oral Communication	3.0
IMAE 110	Geom Dimensioning & Tolerancing	3.0
IMAE 208	Fund of Manufacturing Processes	3.0
IMAE 305	Industrial Safety	3.0
Elective	Life Science	3.0
		15.0

SEMESTER 6 - 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 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	IMAE Elective, 300-400 Level	3.0
		15.0

SEMESTER 8 - 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	Social Studies	3.0
		15.0

TOTAL HOURS: 124.0