



Saluki Step Ahead
Harper College
AES General to BS IMAE

SEMESTER 1 - Harper College

ENG 101	Composition	3.0
MTH 200	Calculus & Analytic Geometry I	5.0
CHM 121	General Chemistry	5.0
Elective	IAI Social Science	3.0
		16.0

SEMESTER 2 - Harper College

ENG 102	Composition	3.0
PHY 201	General Physics I-Mech	5.0
MTH 201	Calculus & Analytic Geometry II	5.0
CSC 121	Computer Science I	4.0
		17.0

SEMESTER 3 - Harper College

PHY 202	General Physics II	5.0
MTH 202	Calculus & Analytic Geometry III	5.0
Elective	IAI Humanities	3.0
Elective	Engineering Course, Approved Elective	3.0
		16.0

SEMESTER 4 - Harper College

Elective	Engineering Course, Approved Elective	4.0
Elective	Engineering Course, Approved Elective	3.0
Elective	Engineering Course, Approved Elective	3.0
Elective	Engineering Course, Approved Elective	3.0
Elective	IAI World Cultures & Diversity	3.0
		16.0

SEMESTER 5 - SIU

CMST 101	Intro: Oral Communication	3.0
Elective	Life Science	3.0
IMAE 110	Geometric Dimensioning & 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	Social Science	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