



**Saluki Step Ahead**  
College of DuPage  
AES General to BS IMAE

**SEMESTER 1 - College of DuPage**

ENGLI 1101	English Composition I	3.0
MATH 2231	Calculus & Analytic Geometry	5.0
BIOLO 1151	Principles of Biological Science	5.0
Elective	IAI Social Science	3.0
		<b>16.0</b>

**SEMESTER 2 - College of DuPage**

SPEEC 1100	Fundamentals of Speech Comm	3.0
PHYSI 2111	Physics for Sci/Engr I	5.0
MATH 2231	Calculus & Analytic Geometry II	5.0
Elective	IAI Social Science	3.0
		<b>16.0</b>

**SEMESTER 3 - College of DuPage**

PHYSI 2112	Physics for Sci/Engr I	5.0
MATH 2232	Calculus & Analytic Geometry III	4.0
Elective	IAI Humanities -or- Fine Arts	3.0
Elective	Engineering Speciality Course	3.0
Elective	Engineering Speciality Course	3.0
		<b>18.0</b>

**SEMESTER 4 - College of DuPage**

CIS 2485/2541	C++ for Sci & Engr -or- C++ Lang Prog	3.0
MATH 2270	Differential Equations	4.0
CHEMI 1551	Principles of Chemistry	5.0
Elective	IAI Fine Arts	3.0
Elective	Engineering Speciality Course	3.0
		<b>18.0</b>

**SEMESTER 5 - SIU**

Elective	Fine Arts	3.0
IMAE 110	Geometric Dimensioning & Tolerancing	3.0
IMAE 208	Fundamentals of Manufacturing Processes	3.0
IMAE 305	Industrial Safety	3.0
IMAE 375	Production and Inventory Management	3.0
		<b>15.0</b>

**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
		<b>15.0</b>

**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
		<b>12.0</b>

**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	IMAE Elective, 300-400 Level	3.0
		<b>12.0</b>

**TOTAL HOURS:            122.0**