

AAS: Engineering Technology at Southwestern Michigan College
to Bachelor's in Industrial Manufacturing at Indiana Tech

Southwestern Michigan College			Indiana Tech		
Code	Course	Credit	Code	Course	Credit
ENGL 103/ENGL 103W	Freshman English II	3 or 4	ENG 1252	Argumentative Writing	3
SPEE 104	Intro. To Human Communication	3	COMM 1250	Foundations of Communications	3
MATH 130	Precalculus Mathematics	5	MA 1090*	Precalculus (and proficiency credit for MA 1030 and 1055)*	4
CHEM 101	General Chemistry I	5	CH 1000	Fundamentals of Chemistry	3
PHYS 101	Introductory Physics I	5	PH 1100	Fundamentals of Physics	3
ECON 202	Microeconomics	3	ECON 2210	Microeconomics	3
POSC 201	American Government	3	SS 2800*	Introduction to Sociology*	3
HUMA 210	Intro. to Non-Western Civilization	4	HUM 2EL	Humanities Elective	4
HIST 102	Western Civilization II	4	HUM 1EL*	Humanities Elective*	4
EDUC 120	Educational Exploration and Planning	1	N/C	No Credit	N/C
CADD 101	Introduction to CAD/Auto CAD	4	EGR 1710	CAD I-Parametric Modeling	3
INTE 126	Intro. to Manufacturing	3	EGR 2650	Manufacturing Processes	3
INTE 140	Blueprint Reading	2	APP EL	Approved Elective	2
ISYS 110	Introduction to Computer Technology	3	MIS 1300	Software Tools	3
MATH 141	Analytical Geometry and Calculus I	5	MA 1100	Applied Calculus I	3
PHED 103	Life Wellness	2	APP EL	Approved Elective	2
PHYS 102	Introductory Physics II	5	PH 2100	Fundamentals of Physics II	3
		60 - 61			49