

Seymour High School 2021-2022

Course ID	Ivy Tech Course Name	Credits	DOE #	High School Course Title	Pre-Req	Term
ACCT 101	Financial Accounting	3	4522	Accounting Fundamentals	RWM	Full year
ACCT 101	Financial Accounting	3	4522	Advanced Accounting	RWM	Full year
AGRI 100	Introduction to Agriculture	3	7117	Principles of Agriculture	None	Full year
AGRI 102	Agribusiness and Farm Management	3	5002	Agribusiness Management	None	Full year
AGRI 103	Animal Science	3	5008	Animal Science	None	Full year
AGRI 103	Animal Science	3	5008	Animal Science	None	Full year
AGRI 104	Food Science	3	5102	Food Science	None	Full year
AGRI 105	Plant and Soil Science	3	5170	Plant and Soil Science	None	Full year
AGRI 107	Advanced Animal Science	3	5070	Advanced Life Science, Animals	None	Full year
AGRI 108	Advanced Food Science	3	5072	Advanced Life Science, Foods	None	Full year
AGRI 116	Survey of Horticulture	3	5132	Horticulture Science	None	Full year
AGRI 164	Landscape Design I	3	5136	Landscape Management I	*None*	Full year
APHY 101	Anatomy & Physiology I	3	5276	Anatomy & Physiology	RWM	Fall
APHY 102	Anatomy & Physiology II	3	3090	Advanced Science, College Credit	Yes (APHY 101)	Spring
BIOL 105	Biology I - Molecular and Cellular Processes	5	3020	Biology, AP	RWM	Full year
BIOL 120	Environmental Science	4	3012	AP Environmental Science (L)	RWM	Full year
BUSN 101	Introduction to Business	3	7152	Principles of Business	RW	Full year
BUSN 201	Business Law	3	4560	Business Law and Ethics	RW	Spring
CHEM 105	General Chemistry I	5	3060	Chemistry, AP	RW M (MATH 136 or KACalc)	Full year

CINS 101	Intro to Microcomputers	3	4528	Digital Applications & Responsibility	RW	Fall
CINS 101	Intro to Microcomputers	3	4528	Digital Applications & Responsibility	RW	Spring
COMM 101	Fundamentals of Public Speaking	3	1078	Advanced Speech & Communication	RW	Fall
COMM 101	Fundamentals of Public Speaking	3	1078	Advanced Speech & Communication	RW	Spring
ENGL 111	English Composition	3	1006	English 11, Honors	RW	Full year
ENGL 206	Introduction to Literature	3	1124	Advanced English, College Credit	Yes (ENGL 111)	Full year
HIST 101	Survey of American History I	3	1562	AP US History	RW	Fall
HIST 102	Survey of American History II	3	1562	AP US History	RW	Spring
HLHS 100	Introduction to Health Careers	3	7168	Principles of Healthcare	None	Full year
HLHS 101	Medical Terminology	3	5274	Medical Terminology	RW	Full year
HLHS 102	Essential Anatomy and Physiology	3	5274	Medical Terminology	RW	Full year
MATH 135	Finite Math	3	2530	Finite Mathematics	M (no GPA)	Full year
MATH 136	College Algebra	3	2564	Pre-Calculus: Algebra	M (no GPA)	Fall
MATH 137	Trigonometry with Analytic Geometry	3	2566	Pre-Calculus: Trigonometry	M (no GPA)	Spring
MATH 211	Calculus I	4	2562	AP Calculus AB	Yes (M136/137 or KACalc)	Full year
MKTG 101	Principles of Marketing	3	5914	Principles of Marketing	RWM	Full year
MPRO 100	Introduction to Plant Floor and CNC Principles	3	4796	Hire Tech / Intro to Adv Mfg and Logistics	None	*Full year
MPRO 102	Introduction to Print Reading	3	5608	HIRE Technology / Advanced Manufacturing I	None	*Full year
MPRO 102	Introduction to Print Reading	3	5608	HIRE Technology / Advanced Manufacturing I	None	*Full year
MPRO 201	Lean Manufacturing	3	5608	HIRE Technology / Advanced Manufacturing I	None	*Full year
MPRO 201	Lean Manufacturing	3	5608	HIRE Technology / Advanced Manufacturing I	None	*Full year
PLTW DESN 101	Intro to Design Technology	3	4802	Intro to Engineering Design (IED)	None	Full year
PLTW DESN 104	Mechanical Graphics	3	5644	Principles of Engineering (POE)	Yes (PLTW DESN 101)	Full year

PLTW DESN 105	Architectural Design I	3	5650	PLTW Civil Eng and Architecture (CEA)	Yes (PLTW DESN 101)	Full year
PLTW DESN 113	2D Computer Aided Design	3	4802	Intro to Engineering Design (IED)	Yes (Co-req)	Full Year
PLTW EECT 112	Digital Fundamentals	3	5538	Digital Electronics (DE)	M (no GPA)	Full year
WELD 100	Welding Fundamentals	3	7110	Principles of Welding	None	Full year
WELD 108	Shielded Metal Arc Welding I	3	7111	Shielded Metal Arc Welding	None	Full year
WELD 207	Gas Metal Arc (MIG) Welding	3	5778	Welding Technology II	None	Full year
WELD 208	Gas Tungsten Arc (TIG) Welding	3	5778	Welding Technology II	None	Full year