

**Courses offered at Fremont High School:** All courses for 2019-2020 are offered through Trine University.

<u>FHS Course Title</u>	<u>FHS Number</u>	<u>College Course Title</u>	<u>Total Cost</u>	<u>Credit Hours</u>
Biology, Dual Credit	FHS0224B	BIO 114 Principles of Biology I and Lab	\$80.00	4
Business Applications	FHS0544	BA 113 Business Computer Applications	\$60.00	3
Calculus, Dual Credit <b>*pre-requisite: MA 123 (Trigonometry)</b>	FHS0180	MA 134 Calculus I	\$80.00	4
Chemistry I, Dual Credit <b>*pre-requisite: MA 113, MA 123 (College Algebra, Trigonometry)</b>	FHS0260	CHEM 104 General Chemistry I and Lab	\$80.00	4
College Algebra, Dual Credit	FHS0170	MA 113 College Algebra	\$60.00	3
Economics, Dual Credit	FHS0144	ECO 213 Microeconomics	\$60.00	3
English 11, Advanced	FHS1006ADC	ENG 153 Introduction to Literature ENG 103 Composition I	\$60.00 \$60.00	3 3
English 12, Advanced <b>*pre-requisite: ENG 103 (Composition I)</b>	FHS1008ADC	ENG 113 Composition II	\$60.00	3
Government, Dual Credit	FHS0340	GOV 113 Introduction to Government	\$60.00	3
Physics, Dual Credit <b>*pre-requisite: MA 113, MA 123 (College Algebra, Trigonometry)</b>	FHS0270	PH 154 College Physics I and Lab PH 164 College Physics II and Lab	\$80.00 \$80.00	4 4
Pre-Calculus/Trigonometry, Dual Credit	FHS0164	MA 124 PreCalculus	\$80.00	4
Psychology, Dual Credit	FHS0347	PSY 113 Introduction to Psychology	\$60.00	3

Sociology, Dual Credit	FHS0344	SOC 103 Principles of Sociology	\$60.00	3
Spanish I, Dual Credit	FHS0450	SPN 113 Spanish Reading and Writing	\$60.00	3
Spanish II, Dual Credit	FHS0460	SPAN 123 Spanish II	\$60.00	3
Spanish III, Dual Credit	FHS0470	SPAN 203 Spanish III	\$60.00	3
US History, Dual Credit	FHS0327	HIS 113 American History II	\$60.00	3

# Impact Institute Dual Credits

Impact Program and DOE Code	Post Secondary	Post Secondary Course Titles	Duals Credits **	Certifications or Licensures
<b>Auto Body Collision Repair</b>				
<i>1st Year Students - 5514</i>	Vincennes	BODY100 Non-Structural Analysis & Damage Re	3	ASE* and ICAR
		BODY100L Non-Structural Analysis & Damage Re	4	
		BODY150 Painting & Refinishing	3	
		BODY150L Painting & Refinishing Lab	4	
<i>2nd Year Students - 5544</i>	Ivy Tech	AUBR103 Automotive Paint Fundamentals	3	
<b>Automotive Technology</b>				
<i>1st Year Students - 5510</i>	Ivy Tech	AUTI100 Basic Automotive Service	3	AYES and ASE*
		AUTI121 Brake Systems	3	
		AUTI122 Steering and Suspension Systems	3	
<i>2nd Year Students - 5546</i>	Ivy Tech	AUTI111 Electrical Systems I	3	
		AUTI131 Engine Performance Systems I	3	
<b>Computer Aided Drafting (CAD)</b>				
<b>1st Year Students</b> <i>Architectural Drafting I - 5640</i> <i>Mechanical Drafting I - 4836</i>	Vincennes	DRAF140 Introduction to CAD	3	CAD Certified Ass
		ARCH141 Introduction to Architectural CAD	3	
	Ivy Tech	DESN101 Introduction to Design Technology	3	
<b>2nd Year Students</b> <i>Architectural Drafting II - 5652</i> <i>Mechanical Drafting II - 4838</i>	Ivy Tech	DESN104 Mechanical Graphics (Must pass DESN101)	3	
		DESN105 Architectural Design I (Must pass DESN101)	3	
	Vincennes	ARCH221 Advanced Architect Software	4	
		DRAF120 Computers for Technology	2	
<b>Construction Trades</b>				
<i>1st Year Students - 5580</i>	Ivy Tech	BCTI100 Introduction to Construction	3	NCCER*
		BCTI101 Introduction to Carpentry, Part I (Must p	3	
		BCTI102 Introduction to Carpentry, Part II (Must	3	

2nd Year Students - 5578	Ivy Tech	BCTI103 Carpentry Framing & Finishing, Part I (M	3	
		BCTI104 Carpentry Framing & Finishing, Part II (I	3	

Cosmetology				State Board of Cosmetology Licensure*
1st Year Students - 5802	Vincennes	COSM100 Cosmetology I (Must pass Accuplacer)	7	
		COSM150 Cosmetology II (COSM100 with grade of C	7	
2nd Year Students - 5806	Vincennes	COSM200 Cosmetology III (COSM150 with grade of C	7	
		COSM250 Cosmetology IV (COSM200 with grade of	9	

Criminal Justice				
5822	Vincennes	LAW100 Survey of Criminal Justice	3	
		LAW101 Basic Police Operation	3	
		LAW145 Ethics & Professionalism in Criminal Ju	3	
		LAW150 Criminal Minds and Deviant Behavior	3	

Culinary Arts				Serv-Safe Certification Pro-Start* Heartsaver CPR and First Aid
1st Year Students - 5440	Ivy Tech	HOSP101 Sanitation and First Aid (Must pass Accup	2	
		HOSP102 Basic Food Theory and Skills (Must pass	3	
2nd Year Students - 5346	Ivy Tech	HOSP104 Nutrition (Must pass Accuplacer)	3	
		HOSP105 Introduction to Baking (Must pass HOSP1	3	

Electrical, Plumbing and HVAC				EPA 608
1st Year Students - 5496	Ivy Tech	INDT113 Basic Electricity	3	
		HVAC101 Heating Fundamentals	3	
		HVAC103 Refrigeration I	3	
2nd Year Students - 5498	University of Northwestern Ohio	HV110 Service and Procedures	6	
2nd Year Students - 5498	Ivy Tech	HVAC107 Duct Fabrication and Installation	3	

Health Occupations Education (HOE)				Healthcare Provider CPR
5286	Ivy Tech	HLHS100 Introduction to Health Careers	3	
		HLHS101 Medical Terminology (MUST pass Accupla	3	

Interactive Media			

<i>1st Year Students - 5232</i>	Ivy Tech	PHOT104 Basic Photography	3	e Certified Assoc
		VISC105 Video and Sound (Must pass Accuplacer)	3	
<i>2nd Year Students - 5550</i>	Ivy Tech	VISC102 Fundamentals of Imaging (Must pass Accu	3	
		VIDT210 Production Editing I (Must pass VISC105)	3	

<b>Marine Mechanics</b>	
<i>1st Year Students - 5842</i>	<b>Certifications:</b> Mercury, Yamaha and Evinrude Essentials
<i>2nd Year Students - 5844</i>	

<b>Precision Machining</b>				NIMS*
<i>1st Year Students - 5782</i>	Ivy Tech	MTTC101 Introduction to Machining	3	
<i>1st or 2nd Year Students - 5784</i>	Ivy Tech	MTTC102 Turning Processes I (Must pass MTTC101)	3	
		MTTC106 Print Interpretation	3	
		MTTC107 CNC Set Up & Operation (Must pass MT	3	
		MTTC110 Turning and Milling Process	3	

<b>Primary Health Care (PHC)</b>				CNA License* Heartsaver CPR and First Aid
5284	Ivy Tech	HLHS107 Certified Nursing Assistant (CNA)	5	
		HLHS112 Home Health Aide Bridge (Must earn CNA)	2	

<b>Welding</b>				AWS Sense* and D1.1
<i>1st Year Students - 5776</i>	Ivy Tech	INDT114 Introductory Welding	3	
		WELD108 Shielded Metal Arc Welding	3	
		WELD109 Oxy-Fuel Gas Welding and Cutting	3	
<i>2nd Year Students - 5778</i>	Ivy Tech	WELD207 Gas Metal Arc Welding	3	
		WELD208 Gas Tungsten Arc Welding	3	

\* Certifications approved for Technical Honors Diploma, A-F, and Technical Skills Attainment (2S1)

\*\* Students are eligible for dual credits, but are NOT guaranteed to earn them

11/1/2018