

***Learn Well. Live Well.***  
**Clarksville, IN 47129**



**Career & Technical Education (CTE)**  
Biomedical, Business, Computer Science, Education, Engineering



## **CURRICULUM INFORMATION**

**2025-2026**

### **Vision**

All graduates will have all necessary skills to live full and productive lives.

### **Mission**

Clarksville High School, in partnership with parents, are committed to providing a quality education in a positive learning environment that promotes both academic and personal growth to ensure that all students can reach their full potential.

### **Accreditation**

Clarksville High School is accredited by the Indiana Department of Education and is a New Tech Network high school with Renaissance Academy providing the in-house Career-Technical component (CTE). The school is fully accredited and presents a diploma that is recognized by colleges, universities, and employers throughout the United States.

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*\*Courses denoted as Honors or Dual Credit/Dual Enrollment are significantly more rigorous than the state-approved course.*



## Curriculum Guide by Department

Abbreviated version of State descriptions and requirements. For full version, visit <https://www.in.gov/doe/students/indiana-academic-standards/course-titles-and-descriptions/>

**OTHER:** DE=Directed Elective, E=Elective, R=Required, R\*=an alternate option for required course or required for some diplomas, CTE=Career-Technical Education, QR=Quantitative Reasoning, AP=Advanced Placement, X=Approved for AHD, THD, A-F Accountability (CTL-Core Transfer Library), X PCL/LA= CC Liberal Arts Priority Course, X PCL/CTE=CC Career & Technical Education Priority Course, DEP=Dual Enrollment Professor at Ivy Tech, POL=Professor on Loan from Ivy Tech, DC=Dual Credit at CHS or RA, C=Certificate of Completion, NC=0 Credit

**REQUIRED PREREQUISITES:** 1=Previous course required, 2=Grade in previous course, 3=Test scores, 4=Application/Teacher approval, 5= Previous course strongly suggested, 6=Cost for course/exam, 7=GPA

### ENGLISH/LANGUAGE ARTS

COURSE NUMBER	COURSE	SUGGESTED ABBREVIATION	DESCRIPTION	GRADE	DURATION	OTHER INFO	REQUIRED PREREQUISITES
1002A/B	English 9	ENG 9	Language, literature, composition, oral communication	9	1 Year	R	
1002HA/B	English 9 H	Eng 9 H	Language, literature, composition, oral communication	9	1 Year	R*	2/4
1002AA/B	<i>Applied English 9</i>	<i>ENG 9 A</i>	<i>Language, literature, composition, oral communication</i>	9-10	4 Units	C	4
1004A/B	English 10	ENG 10	Language, literature, composition, oral communication	10	1 Year	R	
1004HA/B	English 10 H	Eng 10 H	Language, literature, composition, oral communication	10	1 Year	R*	2/4
1004AA/B	<i>Applied English 10</i>	<i>ENG 10 A</i>	<i>Language, literature, composition, oral communication</i>	9-10	4 Units	C	4
1006A/B	English 11	ENG 11	Language, literature, composition, oral communication	11	1 Year	R	
1006CCA	English 11 CC English Composition: ENGL 111 IVY TECH	ENG 11 CC	Incorporates reading, research, writing, and critical thinking	11	1 Sem/Fall/DEP	R*/X PCL/LA	2/3/6/7
1006AA/B	<i>Applied English 11</i>	<i>ENG 11 A</i>	<i>Language, literature, composition, oral communication</i>	11-12	4 Units	C	4
1008A/B	English 12	ENG 12	Language, literature, composition, oral communication	12	1 Year	R	
1008CCA	English 12 CC English Composition: ENGL 111 IVY TECH	ENG 12 CC	Incorporates reading, research, writing, and critical thinking (ONLY IF NOT TAKEN IN GRADE 11)	12	1 Sem/Fall/DEP	R*/X PCL/LA	2/3/6/7
1008CCB	English 12 CC Rhetoric & Argument: ENGL 215 IVY TECH	ENG 12 CC	Builds on writing skills and emphasizes research-based writing, must have C- or better in ENGL 111 (ONLY IF NOT TAKEN IN GRADE 11)	12	1 Sem/Spring/DEP	R*/X PCL/LA	1/2/3/6/7
1008AA/B	<i>Applied English 12</i>	<i>ENG 12 A</i>	<i>Language, literature, composition, oral communication</i>	11-12	4 Units	C	4
1010A/B	Language Arts Lab	LANG LAB	Designed to support success in English courses	9-12	1 Year	E	2
1012A/B	English as a New Language	ENL	English/Language Arts (up to 4 credits)	9-12	1 Year	R*	3
1076A	Speech	SPEECH	Basic principles of oral communication	9-12	1 Sem	R	
1080A/B	Journalism	JOURNALISM	Entry level course prior to Student Media	9-12	1 Year	E/R*	
1086A/B	Student Media	STDNT MEDIA	Working on newspaper or yearbook publication staffs; counts as a Fine Arts credit	9-12	1-4 Years	E/R*	
1078CC	Advanced Speech & Communication CC Fundamentals of Public Speaking: COMM101/IVY TECH	ADV SPEECH CC	Introduces concepts and skills for public speaking including outlining, research, and delivery	11-12	1 Sem/Fall/DEP	DE/R*/X PCL/LA	2/3/6/7
1098CCB	Advanced Composition CC Rhetoric & Argument: ENGL 215 IVY TECH	ADV COMP CC	Builds on writing skills and emphasizes research-based writing, must have C- or better in ENGL 111	11	1 Sem/Spring/DEP	R*/X PCL/LA	1/2/3/6/7
1124CCA	Advanced English CC, Language Arts Creative Writing: ENGL 202 IVY TECH	ADV ENG CC, CREAT WRIT	Introduces self-expression in one or more literary genres, must have ENGL 111	12	1 Sem/Fall/DEP	R*/X PCL/LA	1/3/6/7
1124CCB	Advanced English CC, Language Arts Intro to Lit: ENGL 206 IVY TECH	ADV ENG CC, LIT	Development of strategies for critically reading and interpreting, literary analysis, must have ENGL 111	12	1 Sem/Spring/DEP	R*/X PCL/LA	1/3/6/7

## FINE ARTS—ART

COURSE NUMBER	COURSE	SUGGESTED ABBREVIATION	DESCRIPTION	GRADE	DURATION	OTHER INFO	REQUIRED PREREQUISITES
4000A	Introduction to Two Dimensional Art	2D ART	Intro to 2D art concepts	9-12	1 Sem/Fall	DE/R*	
4002A	Introduction to Three Dimensional Art	3D ART	Intro to 3D art concepts	9-12	1 Sem/Spring	DE/R*	
4004B	Advanced Two Dimensional Art	ADV 2D ART	Advanced 2D art concepts	10-12	1 Sem/Fall	DE/R*	1
4006B	Advanced Three Dimensional Art	ADV 3D ART	Advanced 3D art concepts	10-12	1 Sem/Spring	DE/R*	1
4040B	Ceramics	CERAMICS	Works of art using clay	10-12	1 Sem/Spring	DE/R*	
4062A/B	Photography	PHOTOGRPH	Studying the art of photography	9-12	1-2 Years	DE/R*	
4064A	Painting	PAINTING	Painting using a variety of materials	10-12	1 Sem/Fall	DE/R*	
7140A	Principles of Digital Design	PRIN DIG DES	Encompasses a variety of art works	10-12	1 Sem/Fall	DE/R*	1
7140CCA	Principles of Digital Design CC Design Fundamentals: VISC 101 IVY TECH	PRIN DIG DES CC	Encompasses a variety of art works	10-12	1 Sem/Fall/DC	DE/R*/X PCL/CTE	3
7141B	Digital Design Graphics	DIG DES GRAPH	Desktop publishing, multimedia, computer animation, web design	10-12	1 Sem/Spring	DE/R*	
7141CCB	Digital Design CC Vector Graphics & Publication: VISC 115 IVY TECH	DIG DES GRAPH CC	Desktop publishing, multimedia, computer animation, web design	10-12	1 Sem/Spring/DC	DE/R*/X	3

## FINE ARTS—MUSIC

COURSE NUMBER	COURSE	SUGGESTED ABBREVIATION	DESCRIPTION	GRADE	DURATION	OTHER INFO	REQUIRED PREREQUISITES
4160A/B	Beginning Concert Band	BEG BAND	Marching band in fall and concert band in spring; year 1	9-12	1 Year	DE/R*	
4168A/B	Intermediate Concert Band	INT BAND	Marching band in fall and concert band in spring; year 2	10-12	1 Year	DE/R*	1
4170A/B	Advanced Concert Band	ADV BAND	Marching band in fall and concert band in spring; year 3 and year 4	11-12	1 Year	DE/R*	1
4180A/B	Choral Chamber Ensemble	CHRL ENSEM	Highest-level choir, audition required (Boys and Girls)	9-12	1 Year	DE/R*	4
4182A/B	Beginning Chorus	BEG CHOR	Beginning choir class; year 1 (All Girls)	9-12	1 Year	DE/R*	
4186A/B	Intermediate Chorus	INT CHOR	More advanced choir class; year 2 (All Girls)	10-12	1 Year	DE/R*	1
4188A/B	Advanced Chorus	ADV CHOR	Advanced choir class; year 3 and year 4 (All Girls)	11-12	1 Year	DE/R*	1

## FINE ARTS—THEATRE

COURSE NUMBER	COURSE	SUGGESTED ABBREVIATION	DESCRIPTION	GRADE	DURATION	OTHER INFO	REQUIRED PREREQUISITES
4240A/B	Advanced Theatre Arts	ADV THTR	Exploring theatre at an advanced level	10-12	1 Year	DE/R*	1
4242A/B	Theatre Arts	THTR ARTS	Exploring theatre	9-12	1 Year	DE/R*	
4244A/B	Technical Theatre	TECH THTR	Designing and building sets, lighting	9-12	1 Year	DE-R*	
4248A/B	Theatre Production	THTR PROD	Preparing for productions at an advanced level	10-12	1 Sem/Fall	DE/R*	5
4250A/B	Advanced Acting	ADV ACTING	Research, create, and perform characters	10-12	1 Sem/Spring	DE/R*	5
4252A/B	Advanced Technical Theatre	ADV TECH TH	Designing and building sets, lighting, supervising	10-12	1 Year	DE/R*	1

## HEALTH

COURSE NUMBER	COURSE	SUGGESTED ABBREVIATION	DESCRIPTION	GRADE	DURATION	OTHER INFO	REQUIRED PREREQUISITES
3506	Health and Wellness Education	HLTH & WELL	Healthy lifestyle concepts	9-10	1 Sem/Fall	R	
3506A	<i>Applied Health and Wellness Education</i>	<i>HLTH &amp; WELL A</i>	<i>Healthy lifestyle concepts</i>	9-12	2 Units	C	4

## MATHEMATICS

	COURSE	SUGGESTED ABBREVIATION	DESCRIPTION	GRADE	DURATION	OTHER INFO	REQUIRED PREREQUISITES
2520A/B	Algebra I	ALG I	Algebra concepts, first level of math	8-12	1 Year	R	
2520AA/B	<i>Applied Algebra I</i>	<i>ALG I A</i>	<i>Algebra concepts, first level of math</i>	9-12	4 Units	C	4
2522A/B	Algebra II	ALG II	Advanced algebra concepts	9-12	1 Year	R	1
2522HA/B	Algebra II H	ALG II H	Advanced algebra concepts	9-12	1 Year	R	1/2/4
2527CC	Calculus, CC Calculus I: MATH 211 IVY TECH	CALC CC	Course for students seeking high placement in college, 2 HS credits for semester if DEP	12	1 Sem/Fall/DEP	R*/X PCL/LA	1/3/6
2530B	Finite Math	FINITE	Good for students interested in a business or informatics major	11-12	1 Sem/Spring	R*	1
2530CC	Finite Math, CC Finite Math: MATH 135 IVY TECH	FINITE CC	Good for students interested in a business or informatics major	11-12	1 Sem/Spring/DC	R*/X PCL/LA	1/3/6
2532A/B	Geometry	GEOM	Mathematical arguments and explanations	10-12	1 Year	R	5
2532HA/B	Geometry H	GEOM H	Mathematical arguments and explanations	10-12	1 Year	R	1/2/4
2532AA/B	<i>Applied Geometry</i>	<i>GEOM A</i>	<i>Extends geometric experiences</i>	9-12	4 Units	C	4
2544CCC	Advanced Mathematics CC, Calculus II Calculus II: MATH 212 IVY TECH	ADV MTH CC, CALC	Course for students seeking high placement in college, 2 HS credits for semester if DEP	11-12	1 Sem/Spring/DEP	R*/X PCL/LA	1/3/6
2544CCQA/B	Advanced Mathematics CC, Quantitative Reasoning Quantitative Reasoning: MATH 123 IVY TECH	ADV MTH CC, QUANT REAS	Advanced math course covering Probability, statistics, numeric/proportional reason, and modeling (real-world experiences)	11-12	1 Sem/Fall/DC	R*/X PCL/LA	1/3/6
2550A	Quantitative Reasoning	QUANT REAS	Probability, statistics, numeric/proportional reason, and modeling real-world experiences	11-12	1 Sem/Fall	R*	1
2564A	Pre-Calculus: Algebra	PRECAL AL	Only if DNQ for CC; Course covers advanced algebra and trigonometry	11-12	1 Sem/Fall/Online	R*	1
2564CCA	Pre-Calculus: Algebra, CC College Algebra: MATH 136 IVY TECH	PRECAL AL CC	Advanced math course covering advanced algebra and pre-calculus concepts	11-12	1 Sem/Fall/DC	R*/X PCL/LA	1/3/6
2566B	Pre-Calculus: Trigonometry	PRE-CALC TRIG	Only if DNQ for CC; Course covers advanced trigonometry	11-12	1 Sem/Spring/Online	R*	1
2566CCB	Pre-Calculus: Trigonometry, CC Trigonometry with Analytic Geometry: MATH 137 IVY TECH	PRE-CALC TRIG CC	Course covers advanced algebra and trigonometry	11-12	1 Sem/Spring/DC	R*/X PCL/LA	1/3/6
4512AA/B	<i>Applied Business Math</i>	<i>BUS MATH A</i>	<i>Study of money management, budgets</i>	10-12	4 Units	C 4	

## MULTI-DISCIPLINARY

COURSE NUMBER	COURSE	SUGGESTED ABBREVIATION	DESCRIPTION	GRADE	DURATION	OTHER INFO	REQUIRED PREREQUISITES
0500A/B	Basic Skills Development	BAS SKLS	Credit Recovery, additional academic help received	9-12	1-4 Years	E	4
0500AA/B	<i>Applied Basic Skills Development</i>	<i>BASIC SKLS A</i>	<i>Additional academic help received</i>	9-12	8 Units	C	4
0522A/B	Career Information & Exploration	CARR INFO	Enhance college & career success by identifying life, educational, and career goals	9-10	1-2 Years	E	
0522CCA	Career Information & Exploration, CC Career Exploration: IVYT 106 IVY TECH	CARR INFO	Enhance college success by identifying life, educational, and career goals, initial AGS course	10-12	1 Sem	E	4
0522AA/B	<i>Applied Career Information and Exploration</i>	<i>CARR INFO A</i>	<i>Exploration of occupations and careers</i>	9-12	4 Units	C	4
0539	Service Based Learning	SBL	Denotes completion of Grad Pathways Employability Skills Experience, 1 of 3 choices	9-12	No Credit, Pathway #2	R	
0543	Work Based Learning Level 1: Basic WBL Experience	WBL Lvl 1	Denotes completion of Grad Pathways Employability Skills Experience, Minimum 5 hours per week, 1 of 3 choices	9-12	No Credit, Pathway #2	R	
0547	Project Based Learning	PBL	Denotes completion of Grad Pathways Employability Skills Experience, 1 of 3 choices	9-12	No Credit, Pathway 2	R	

## PHYSICAL EDUCATION

COURSE NUMBER	COURSE	SUGGESTED ABBREVIATION	DESCRIPTION	GRADE	DURATION	OTHER INFO	REQUIRED PREREQUISITES
3542	Physical Education I	PHYS ED I	Physical activity	9-10	1 Sem or Sum	R	
3542AA	<i>Applied Physical Education I</i>	<i>PHYS ED I A</i>	<i>Physical activity</i>	9-12	2 Units	C	4
3560A/B	Elective Physical Education	ELECT PE	Lifestyle sports and activities, including weight lifting, PE must be completed	9-12	1-4 Years	E	1
3560AA/B	<i>Applied Elective Physical Education</i>	<i>ELECT PE A</i>	<i>Lifestyle sports and activities, PE must be completed</i>	9-12	8 Units	C	4

## SCIENCE

Core 40 Alternative 3rd Science Courses: 4818 Environmental Sustainability, 5644 Principles of Engineering, 5008 Animal Science, 7183 Principles of Computing, 7352 Computer Science

COURSE NUMBER	COURSE	SUGGESTED ABBREVIATION	DESCRIPTION	GRADE	DURATION	OTHER INFO	REQUIRED PREREQUISITES
3010A/B	Environmental Science	ENVSCI	Combines biology, chemistry, earth	11-12	1 Year	R*	1
3024A/B	Biology I	BIO I	Life science; study of living things	9-12	1 Year	R	
3024AA/B	<i>Applied Biology I</i>	<i>BIO I A</i>	<i>Life science; study of living things</i>	9-12	4 Units	C	4
3026A/B	Biology II	BIO II	Advanced life science; study of living things	11-12	1 Year	R*	1/2
3026CCA/B	Biology II, CC Introductory Biology: BIOL 101 IVY TECH	BIO II CC	Advanced life science; study of living things	10-12	1 Sem/Fall/DC	R*/X PCL/LA	1/3
3044A/B	Earth-Space Science I	EAS SCI I	Study of the Earth's layers, structure and processes	11-12	1 Year	R*	1
3044AA/B	<i>Applied Earth-Space Science I</i>	<i>EAS SCI I A</i>	<i>Study of the Earth's layers, structure and processes</i>	9-12	4 Units	C	4
3064A/B	Chemistry I	CHEM I	Physical science; study of chemical reactions	10-12	1 Year	R*/QR	
3066A/B	Chemistry II	CHEM II	Advanced physical science; study of chemical reactions	11-12	1 Year	R*/QR	1/2

3066CCA/B	Chemistry II, CC Elementary Chemistry I w/Lab: CHEM C101/C121 IU	CHEM II CC	Physical science; study of chemical reactions; already completed chemistry I 3064	10-12	1 Year/DC	R*/QR/X PCL/LA	7
3084A/B	Physics I	PHYS I	Study of matter and motion-possibly online only, required for some engineer programs	11-12	1 Year/Online	R*/QR	1,5
3090CCA/B	Advanced Science CC, Chemistry I Elementary Chemistry I w/Lab: CHEM C101/C121 IU	CHEM 1 CC	Physical science; study of chemical reactions; have not completed chemistry I 3064	10-12	1 Year/DC	R*/QR/X PCL/LA	7
3090CCB2	Advanced Science CC, Biology II Biology II-Diversity of Life: BIOL 107 IVY TECH	BIO II CC	Advanced life science; study of living things	10-12	1 Sem/Spring/DC	R*/X PCL/LA	1/3
3102AA/B	<i>Applied Physical Science</i>	<i>PHY SCI A</i>	<i>Fundamental chemical, physical, and related Earth and Space science concepts</i>	9-12	2 Units	C	4
3108A/B	Integrated Chemistry/Physics	ICP	Physical science; study of chemicals and motion/matter	9-12	1 Year	R*/QR	
5276A/B	Anatomy & Physiology	A & P	Health sciences studies including genes, cells, tissues, and organ systems	10-12	1 Year	R*/CTE	1, CTE Concentrator B-L1
5276CCA	Anatomy & Physiology, CC Anatomy & Physiology I: APHY 101 IVY TECH	A & P CC	Health sciences studies including genes, cells, tissues, and organ systems	10-12	1 Sem/Fall/DC	R*/X PCL/CTE	1/3 CTE Concentrator B-L1
5276CCB	Anatomy & Physiology, CC Anatomy & Physiology I: APHY 102 IVY TECH	A & P CC	Health sciences studies including genes, cells, tissues, and organ systems	10-12	1 Sem/Spring/DC	R*/X PCL/CTE	1/3 CTE Concentrator B-L1

### SOCIAL STUDIES

COURSE NUMBER	COURSE	SUGGESTED ABBREVIATION	DESCRIPTION	GRADE	DURATION	OTHER INFO	REQUIRED PREREQUISITES
1512B	Current Problems, Issues, & Events	CPIE	Study of significant problems/issues	11-12	1 Sem/Spring	E	
1514A	Economics	ECON	Supply and demand	12	1 Sem	R/QR	
1514AA	<i>Applied Economics</i>	<i>ECON A</i>	<i>Supply and demand</i>	12	2 Units	C	4
1514CCA	Economics CC Economics Fundamentals: ECON 101 IVY TECH	ECON CC	Supply and demand	12	1 Sem/DEP	R*/QR/X PCL/LA	3/6/7
1516	Ethnic Studies	ETH STUDIES	Study of lifestyles and cultural patterns of ethnic groups	11-12	1 Sem/Online	E	
1518A	Indiana Studies	IN STUDIES	Compares and contrasts state and national developments	11-12	1 Sem/Fall	E	
1532CCB	Psychology, CC Introduction to Psychology: PSYC 101 IVY TECH	PSYCH CC	Study of individual mental states and reasoning processes	11-12	1 Sem/Spring/DEP	E/X PCL/LA	3//6/7
1540B	US Government	US GOVT	Government concepts	12	1 Sem	R	
1540B	<i>Applied US Government</i>	<i>US GOVT A</i>	<i>Government concepts</i>	12	2 Units	C	4
1540CCB	US Government CC Introduction to American Govt & Politics: POLS 101 IVY TECH	US GOVT CC	Government concepts	12	1 Sem/DEP	R*/X PCL/LA	3/6/7

1542A/B	US History	US HIST	History of America	11	1 Year	R	
1542AA/B	<i>Applied US History</i>	<i>US HIST A</i>	<i>History of America</i>	11	4 Units	C	4
1542CCA	US History, CC American History I: HIST 101 IVY TECH	US HIST CC	Advanced concepts regarding history of America	11	1 Sem/Fall/DEP	R*/X PCL/LA	3/6
1542CCB	US History, CC American History II: HIST 102 IVY TECH	US HIST CC	Advanced concepts regarding history of America	11	1 Sem/Spring/DEP	R*/X PCL/LA	3/6
1548A/B	World History and Civilization	WLD HST/CVL	Study of people and events	9-12	1 Year	R	
1570A/B	Geography and History of the World	GEO-HST WLD	Study of major global themes	9-12	1 Year/Online	R*	
1570AA/B	<i>Applied Geography and History of the World</i>	<i>GEO-HST WLD A</i>	<i>Study of major global themes</i>	9-12	4 Units	C	4

## WORLD LANGUAGE

COURSE NUMBER	COURSE	SUGGESTED ABBREVIATION	DESCRIPTION	GRADE	DURATION	OTHER INFO	REQUIRED PREREQUISITES
2020A/B	French I	FREN I	World Language concepts	9-12	1 Year	DE/R*	
2022A/B	French II	FREN II	Advanced World Language concepts	9-12	1 Year	DE/R*	1
2024A/B	French III	FREN III	Advanced World Language concepts	10-12	1 Year	DE/R*	1
2024CCA	French III, CC French Level I: FREN 101 IVY TECH	FREN III CC	Advanced World Language concepts	10-12	1 Sem/Fall/DC	DE/R*/X PCL/LA	1/3
2024CCB	French III, CC French Level I: FREN 102 IVY TECH	FREN III CC	Advanced World Language concepts	10-12	1 Sem/Spring/DC	DE/R*/X PCL/LA	1/3
2026A/B	French IV	FREN IV	Advanced World Language concepts	11-12	1 Year	DE/R*	1
2026CCA	French IV, CC French Level II: FREN 201 IVY TECH	FREN IV CC	Advanced World Language concepts	11-12	1 Sem/Fall/DC	DE/R*/X PCL/LA	1/3
2026CCB	French IV, CC French Level II: FREN 202 IVY TECH	FREN IV CC	Advanced World Language concepts	11-12	1 Sem/Spring/DC	DE/R*/X PCL/LA	1/3
2026CCC	French IV, CC French Level I: FREN 101 IVY TECH	FREN IV CC	Did not receive dual credit in French III	11-12	1 Sem/Fall/DC	DE/R*/X PCL/LA	1/3
2026CCD	French IV, CC French Level I: FREN 102 IVY TECH	FREN IV CC	Did not receive dual credit in French III	11-12	1 Sem/Spring/DC	DE/R*/X PCL/LA	1/3
2120A/B	Spanish I	SPAN I	World Language concepts	9-12	1 Year	DE/R*	
2122A/B	Spanish II	SPAN II	Advanced World Language concepts	9-12	1 Year	DE/R*	1
2124A/B	Spanish III	SPAN III	Advanced World Language concepts	10-12	1 Year	DE/R*	1
2124CCA	Spanish III, CC Spanish Level I: SPAN 101 IVY TECH	SPAN III CC	Advanced World Language concepts	10-12	1 Sem/Fall/DC	DE/R*/X PCL/LA	1/3
2124CCB	Spanish III, CC Spanish Level I: SPAN 102 IVY TECH	SPAN III CC	Advanced World Language concepts	10-12	1 Sem/Spring/DC	DE/R*/X PCL/LA	1/3
2126A/B	Spanish IV	SPAN IV	Advanced World Language concepts	11-12	1 Year	DE/R*	1
2126CCA	Spanish IV, CC Spanish Level II: SPAN 201 IVY TECH	SPAN IV CC	Advanced World Language concepts	11-12	1 Sem/Fall/DC	DE/R*/X PCL/LA	1/3
2126CCB	Spanish IV, CC Spanish Level II: SPAN 202 IVY TECH	SPAN IV CC	Advanced World Language concepts	11-12	1 Sem/Spring/DC	DE/R*/X PCL/LA	1/3
2126CCC	Spanish IV, CC Spanish Level II: SPAN 101 IVY TECH	SPAN IV CC	Did not receive dual credit in Spanish III	11-12	1 Sem/Fall/DC	DE/R*/X PCL/LA	1/3

2126CCD	Spanish IV, CC Spanish Level II: SPAN 102 IVY TECH	SPAN IV CC	Did not receive dual credit in Spanish III	11-12	1 Sem/Spring/DC	DE/R*/X PCL/LA	1/3
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### ADVANCED MANUFACTURING-CTE

COURSE NUMBER	COURSE	SUGGESTED ABBREVIATION	DESCRIPTION	GRADE	DURATION	OTHER INFO	REQUIRED PREREQUISITES
4802A/B	Introduction to Engineering Design	INT ENG DES	Pre-engineering course to become familiar with the engineering design process	9-11	1 Year	DE/X PCL/CTE	Principles-L1
4802CCA	Introduction to Engineering Design CC Introduction to Design Technology: DESN 101 IVY TECH	INT ENG DES	Pre-engineering course to become familiar with the engineering design process	9-11	1 Year	DE/X PCL/CTE	Principles-L1
4802CCB	Introduction to Engineering Design CC 2D Computer-Aided Design (CAD): DESN 113	INT ENG DES	Pre-engineering course to become familiar with the engineering design process	9-11	1 Year	DE/X PCL/CTE	Principles-L1
4803A/B	Introduction to Computer Science	INTO CS	Introduces to IT careers	9-10	1 Year	DE	Recommended Prerequisite
4818A/B	Environmental Sustainability	ENV SUS	Introduced to environmental issues. Fulfills 3 <sup>rd</sup> science requirement	11-12	1 Year	DE	CTE Concentrator B-L2
5644A/B	Principles of Engineering	PRNC ENG	Hands-on course designed to explore experiences related to specialized fields such as civil, mechanical, and materials engineering.	10-11	1 Year	DE/X PCL/CTE/QR	CTE Concentrator A-L1
5698A/B	Engineering Design and Development	ENG DES DEV	Culmination of engineering principles	12	1 Year	DE	Pathway Capstone-L2

### DIGITAL TECHNOLOGY-CTE

COURSE NUMBER	COURSE	SUGGESTED ABBREVIATION	DESCRIPTION	GRADE	DURATION	OTHER INFO	REQUIRED PREREQUISITES
7183A/B	Principles of Computing	PRIN COMP INFO	Introduces IT careers	9-11	1 Year	DE/X PCL/CTE	Principles-L1
7351A/B	Topics in Computer Science	TOP COMP SCI	Introduces basic programming	10-12	1 Year	DE/X PCL/CTE	CTE Concentrator A-L1
7352A/B	Computer Science	COMP SCI	Builds skills in programming	11-12	1 Year	DE/X PCL/CTE	CTE Concentrator B-L2
7353A/B	Computer Science Capstone	COMP SCI CAP	Culmination of computer science principles	12	1 Year	DE	Pathway Capstone-L2

### BIOMEDICAL SCIENCES-CTE

COURSE NUMBER	COURSE	SUGGESTED ABBREVIATION	DESCRIPTION	GRADE	DURATION	OTHER INFO	REQUIRED PREREQUISITES
5218A/B	Principles of Biomedical Sciences	PRIN BIOMED	Investigates human body systems and various health conditions	9-12	1 Year	DE/X PCL/CTE	Principles-L1
5217A/B	Medical Interventions	MED INTERV	Studies medical practices	10-12	1 Year	DE/X PCL/CTE	CTE Concentrator B-L1
5219A/B	Biomedical Innovations	BIO INN	Design solutions for 21st century health challenges	11-12	1 Year	DE/X PCL/CTE	Pathway Capstone-L2

### EDUCATION AND TRAINING-CTE

COURSE NUMBER	COURSE	SUGGESTED ABBREVIATION	DESCRIPTION	GRADE	DURATION	OTHER INFO	REQUIRED PREREQUISITES
7157A/B	Child and Adolescent Development	CHLD ADL DEV	Physical and psychological development of humans	10-12	1 Year	DE/X PCL/CTE	CTE Concentrator A-L1
7157CCA/B	Child and Adolescent Development CC Child and Adolescent Development: EDUC 121 IVY TECH	CHLD ADL DEV CC	Physical and psychological development of humans	40-12	1 Year	DE/X PCL/CTE	CTE Concentrator A-L1
7161A/B	Principles of Teaching	PRIN TEACH	Prepares for employment in education careers	9-12	1 Year	DE/X PCL/CTE	Principles-L1
7161CCA/B	Principles of Teaching CC Introduction to Teaching: EDUC 101 IVY TECH	PRIN TEACH CC	Prepares for employment in education careers	9-12	1 Year	DE/X PCL/CTE	Principles-L1
7162A/B	Teaching and Learning	TEACH LRN	Application of concepts learned/best practices	11-12	1 Year	DE/X PCL/CTE	CTE Concentrator B-L2
7162CCA/B TBD	Teaching and Learning CC The Exceptional Child: EDUC 230 IVY TECH	TEACH LRN	Application of concepts learned/best practices	11-12	1 Year	DE/X PCL/CTE	CTE Concentrator B-L2
7267A/B	Education Professions Capstone	ED PROF CAP CC	Culmination of educational principles	12	1 Year	DE/X PCL/CTE	Pathway Capstone-L2
7267CCA/B	Education Professions Capstone CC Literacy Development through Children's Literature: EDUC 233 IVY TECH	ED PROF CAP CC	Culmination of educational principles	12	1 Year	DE/X PCL/CTE	Pathway Capstone-L2

### BUSINESS MANAGEMENT (BUSINESS ADMINISTRATION)-CTE

COURSE NUMBER	COURSE	SUGGESTED ABBREVIATION	DESCRIPTION	GRADE	DURATION	OTHER INFO	REQUIRED PREREQUISITES
4524A/B	Accounting Fundamentals	ACCT FUN	Introduces the language of business	10-12	1 Year	DE/X PCL/CTE	CTE Concentrator A-L1 or B-L1
4562A/B	Principles of Business Management	BUS MGMT	Roles and responsibilities of managers	9-11	1 Year	DE/X PCL/CTE	Principles-L1
5914A/B	Marketing Fundamentals	MRKT FUN	Introduction to marketing/sports marketing	11-12	1 Year	DE/X PCL/CTE	CTE Concentrator A-L1
7145A/B	Digital Marketing	DGTL MARK	Expands on marketing principles integrating digital media to enhance marketing presence	10-12	1 Year	DE/X PCL/CTE	CTE Concentrator B-L1
7256A/B	Business Administration Capstone	BUS ADMIN CAP	Culmination of business administration principles	11-12	1 Year	DE/X PCL/CTE	Pathway Capstone-L2

### FINANCIAL SERVICES (ACCOUNTING)-CTE

COURSE NUMBER	COURSE	SUGGESTED ABBREVIATION	DESCRIPTION	GRADE	DURATION	OTHER INFO	REQUIRED PREREQUISITES
4522A/B	Advanced Accounting	ADV ACC	Expands on accounting principles	10-12	1 Year	DE/X PCL/CTE	CTE Concentrator B-L1
4524A/B	Accounting Fundamentals	ACCT FUN	Introduces the language of business	10-12	1 Year	DE/X PCL/CTE	CTE Concentrator A-L1 or B-L1
4562A/B	Principles of Business Management	BUS MGMT	Roles and responsibilities of managers	9-11	1 Year	DE/X PCL/CTE	Principles-L1
7252A/B	Accounting Capstone	ACCT CAP	Culmination of accounting principles	11-12	1 Year	DE/X PCL/CTE	Pathway Capstone-L2

### MARKETING, SALES, & ENTREPRENEURSHIP (MARKETING & SALES)-CTE

COURSE NUMBER	COURSE	SUGGESTED ABBREVIATION	DESCRIPTION	GRADE	DURATION	OTHER INFO	REQUIRED PREREQUISITES
4562A/B	Principles of Business Management	BUS MGMT	Roles and responsibilities of managers	9-11	1 Year	DE/X PCL/CTE	Principles-L1
5914A/B	Marketing Fundamentals	MRKT FUN	Introduction to marketing/sports marketing	11-12	1 Year	DE/X PCL/CTE	CTE Concentrator A-L1
7145A/B	Digital Marketing	DGTL MARK	Expands on marketing principles integrating digital media to enhance marketing presence	10-12	1 Year	DE/X PCL/CTE	CTE Concentrator B-L1
7201A/B	Small Business Operations Capstone	BUS MGMT CAP	Culmination of business management principles	11-12	1 Year	DE/X PCL/CTE	Pathway Capstone-L2

### HEALTH SCIENCES-CTE

COURSE NUMBER	COURSE	SUGGESTED ABBREVIATION	DESCRIPTION	GRADE	DURATION	OTHER INFO	REQUIRED PREREQUISITES
5276A/B	Anatomy & Physiology	A & P	Health sciences studies including genes, cells, tissues, and organ systems	10-12	1 Year	DE/R*/CTE	1
5276CCA	Anatomy & Physiology, CC Anatomy & Physiology I: APHY 101 IVY TECH	A & P CC	Health sciences studies including genes, cells, tissues, and organ systems	10-12	1 Sem/Fall/DC	DE/R*/X PCL/CTE	1/3
5276CCB	Anatomy & Physiology, CC Anatomy & Physiology I: APHY 102 IVY TECH	A & P CC	Health sciences studies including genes, cells, tissues, and organ systems	10-12	1 Sem/Spring/DC	DE/R*/X PCL/CTE	1/3

### WORK BASED LEARNING-CTE

COURSE NUMBER	COURSE	SUGGESTED ABBREVIATION	DESCRIPTION	GRADE	DURATION	OTHER INFO	REQUIRED PREREQUISITES
4540AorB	Personal Financial Responsibility	PRS FIN RSP	How to manage personal finances (pay bills, etc.)	9-12	1 Sem	R	
4540AA/B	Applied Personal Financial Responsibility	PRS FIN RSP	How to manage personal finances (pay bills, etc.)	9-12	2 Units	C	4
4565A	Computing Foundations for a Digital Age	COMP FOUND	Foundational understanding of computer science	8-10	1 Sem	DE, E, R	
5394A	Preparing for College and Careers	PREP CC	College and career information	8	1 Year	DE	
5902AA/B	Applied Interdisciplinary Cooperative Education (ICE)	ICE	Activities associated with individual job/career objectives. On-the-Job training	11-12	6 Units	C	4

### PROSSER CAREER EDUCATION CENTER-CTE

MUST BE A JUNIOR OR SENIOR, HAVE ALL REQUIRED CLASSES FOR GRADUATION COMPLETED AND FILLED OUT AN APPLICATION IN THE GUIDANCE OFFICE. See the list of Prosser programs.

COURSE NUMBER	COURSE	SUGGESTED ABBREVIATION	DESCRIPTION	GRADE	DURATION	OTHER INFO	REQUIRED PREREQUISITES
A/B	All Prosser Courses		See Prosser Course Descriptions, must be on track to graduate, requirements dependent upon program	11-12	1-2 Years/DC	DE/X PCL/CTE	4

## **Dual Credit Course Offerings**

Dual credit is the term given to courses in which high school students have the opportunity to earn both high school and college credits simultaneously.

**#COURSE IS ON THE INDIANA DUAL CREDIT CORE TRANSFER LIBRARY LIST [X]** (Fulfills AHD requirements. To enable you to transfer college credits, Indiana has developed the Core Transfer Library (CTL) – a list of courses that will transfer among all Indiana public college and university campuses, assuming adequate grades. All Core Transfer Library courses will meet the general education or free elective requirements of undergraduate degree programs, and a significant majority of CTL courses will also count as on-on-one equivalents to courses taught at your new campus.) [www.transferin.net](http://www.transferin.net)

**\*COURSE IS ON THE INDIANA DUAL CREDIT LIBERAL ARTS PRIORITY COURSE LIST [X-PLC-LA]** (10 Core subject areas the Commission for Higher Education prioritized for funding, accessibility, and instructional capacity.)

**^PRIORITY DUAL CREDIT COLLEGE AND CAREER PREPARATION COURSES [X-PLC-CTE]** (Fulfills THD requirements if sequence is completed.)

**~PRICE SUBJECT TO CHANGE ACCORDING TO INDIANA CODE/UNIVERSITY INCREASES, STUDENT IS RESPONSIBLE FOR COST OF TEXTS AND COST OF COURSE IF GRADE <C-**

**=2022-23 TUITION COSTS IF COURSE TAKEN AT COLLEGE/UNIVERSITY:** Ivy Tech Community College \$149.55/Credit Hour (\$2,243.25/Semester for 12+ Credits), IUS \$298.74/Credit Hour (\$3584.92/Semester for 12-18 Credits)

HS COURSE	COLLEGE COURSE TITLE	COLLEGE COURSE	UNIVERSITY	GRADE	CREDITS	COST	ENTRANCE REQUIREMENTS
<b>Advanced Manufacturing-CTE</b>							
INTRODUCTION TO ENGINEERING, CC	INTRO TO DESIGN TECHNOLOGY	DESN 101*#	IVY TECH-SELLERSBURG CHS TEACHER	<del>10</del> 9-12	3 CR/YR=	NO COST~ BOOK FEES ONLY	NONE
INTRODUCTION TO ENGINEERING, CC	2D COMPUTER-AIDED DESIGN (CAD)	DESN 113*#	IVY TECH-SELLERSBURG CHS TEACHER	<del>10</del> 9-12	3 CR/YR=	NO COST~ BOOK FEES ONLY	NONE
<b>Education and Training-CTE</b>							
EDUCATION PROFESSIONS CAPSTONE, CC	LITERACY DEVELOPMENT THROUGH CHILDREN'S LITERATURE	EDUC 233*#	IVY TECH-SELLERSBURG CHS TEACHER	11-12	3 CR/YR=	NO COST~ BOOK FEES ONLY	SAT R/W: 25/27 ACT R/E: 18/17 PSAT R/W: 25/26 KNOWLEDGE ASSESSMENT: R/W 70 JUNIOR/SENIOR: 2.6, CORE 40, 4 SEM COMPLETED EDUC 101, EDUC 121
<b>English</b>							
ENG 11, CC (OR ENG 12, CC IF NECESSARY)	ENGLISH COMPOSITION	ENG 111*#	IVY TECH-SELLERSBURG CHS TEACHER	11-12	3 CR/SEM=	NO COST~ BOOK FEES ONLY	SAT R/W: 25/27 ACT R/E: 18/17 PSAT R/W: 25/26 KNOWLEDGE ASSESSMENT: R/W 70 JUNIOR/SENIOR: 2.6, CORE 40, 4 SEM COMPLETED
ENG 11, CC (OR ENG 12, CC IF NECESSARY)	RHETORIC & ARGUMENT	ENGL 215*#	IVY TECH-SELLERSBURG CHS TEACHER	11-12	3 CR/SEM=	NO COST~ BOOK FEES ONLY	SAT R/W: 25/27 ACT R/E: 18/17 PSAT R/W: 25/26 KNOWLEDGE ASSESSMENT: R/W 70 JUNIOR/SENIOR: 2.6, CORE 40, 4 SEM COMPLETED "C-" OR BETTER IN ENGL 111
ADV SPEECH & COMMUNICATION, CC	FUNDAMENTALS OF PUBLIC SPEAKING	COMM 101*#	IVY TECH-SELLERSBURG ON-CAMPUS	11-12	3 CR/SEM=	NO COST~ BOOK FEES ONLY	SAT R/W: 25/27 ACT R/E: 18/17 PSAT R/W: 25/26 KNOWLEDGE ASSESSMENT: R/W 70 JUNIOR/SENIOR: 2.6, CORE 40, 4 SEM COMPLETED
ADV ENG-LANG ARTS, CC/CREATIVE WRITING	CREATIVE WRITING	ENGL 202*#	IVY TECH-SELLERSBURG ON-CAMPUS	12	3 CR/SEM=	NO COST~ BOOK FEES ONLY	SAT R/W: 25/27 ACT R/E: 18/17 PSAT R/W: 25/26 KNOWLEDGE ASSESSMENT: R/W 70 JUNIOR/SENIOR: 2.6, CORE 40, 4 SEM COMPLETED

							"C-" OR BETTER IN ENGL 111
<b>ADV ENG-LANG ARTS, CC/INTRO TO LITERATURE</b>	INTRO TO LITERATURE	ENGL 206*#	IVY TECH-SELLERSBURG ON-CAMPUS	12	3 CR/SEM=	NO COST~ BOOK FEES ONLY	SAT R/W: 25/27 ACT R/E: 18/17 PSAT R/W: 25/26 KNOWLEDGE ASSESSMENT: R/W 70 JUNIOR/SENIOR: 2.6, CORE 40, 4 SEM COMPLETED "C-" OR BETTER IN ENGL 111
<b>Fine Arts</b>							
<b>ADV FINE ARTS, CC/MUSIC HISTORY &amp; APPRECIATION</b>	MUSIC APPRECIATION	HUMA 118#	IVY TECH-SELLERSBURG CHS TEACHER	10-12	3 CR/SEM=	NO COST~ BOOK FEES ONLY	SAT R/W: 25/27 ACT R/E: 18/17 PSAT R/W: 25/26 KNOWLEDGE ASSESSMENT: R/W 70 JUNIOR/SENIOR: 2.6, CORE 40, 4 SEM COMPLETED
<b>DESIGN FUNDAMENTALS, CC</b>	DESIGN FUNDAMENTALS	VISC 101#	IVY TECH-SELLERSBURG CHS TEACHER	12	3 CR/SEM=	NO COST~ BOOK FEES ONLY	SAT R/W: 25/27 ACT R/E: 18/17 PSAT R/W: 25/26 KNOWLEDGE ASSESSMENT: R/W 70 JUNIOR/SENIOR: 2.6, CORE 40, 4 SEM COMPLETED
<b>DIGITAL DESIGN, CC</b>	VECTOR GRAPHICS AND PUBLICATION	VISC 115#	IVY TECH-SELLERSBURG CHS TEACHER	10-12	3 CR/SEM=	NO COST~ BOOK FEES ONLY	SAT R/W: 25/27 ACT R/E: 18/17 PSAT R/W: 25/26 KNOWLEDGE ASSESSMENT: R/W 70 JUNIOR/SENIOR: 2.6, CORE 40, 4 SEM COMPLETED
<b>Math</b>							
<b>PRE-CALCULUS: Algebra, CC</b>	COLLEGE ALGEBRA	MATH 136*#	IVY TECH-SELLERSBURG CHS TEACHER	11-12	3 CR/SEM=	NO COST~ BOOK FEES ONLY	SAT M: 550 ACT M: 24 PSAT M: 27 KNOWLEDGE ASSESSMENT: STEM 70
<b>PRE-CALCULUS: TRIGONOMETRY, CC</b>	TRIGONOMETRY WITH ANALYTIC GEOMETRY	MATH 137*#	IVY TECH-SELLERSBURG CHS TEACHER	11-12	3 CR/SEM=	NO COST~ BOOK FEES ONLY	SAT M: 550 ACT M: 24 PSAT M: 27 KNOWLEDGE ASSESSMENT: STEM 70
<b>ADV MATHEMATICS, CC/QUANTITATIVE REASONING</b>	QUANTITATIVE REASONING	MATH 123*#	IVY TECH-SELLERSBURG CHS TEACHER	11-12	3 CR/SEM=	NO COST~ BOOK FEES ONLY	SAT M: 550 ACT M: 24 PSAT M: 27 KNOWLEDGE ASSESSMENT: STEM 50
<b>FINITE MATH, CC</b>	FINITE MATH	MATH 135*#	IVY TECH-SELLERSBURG CHS TEACHER	11-12	3 CR/SEM=	NO COST~ BOOK FEES ONLY	SAT M: 550 ACT M: 24 PSAT M: 27 KNOWLEDGE ASSESSMENT: STEM 70
<b>CALCULUS I, CC</b>	CALCULUS I	MATH 211*#	IVY TECH-SELLERSBURG ON-CAMPUS	11-12	4 CR/SEM=	NO COST~ BOOK FEES ONLY	MATH 136 <u>and</u> MATH 137 (COMPLETE) KNOWLEDGE ASSESSMENT: STEM 70
<b>CALCULUS 2, CC</b>	CALCULUS II	MATH 212*#	IVY TECH-SELLERSBURG ON-CAMPUS	11-12	4 CR/SEM=	NO COST~ BOOK FEES ONLY	MATH 136 <u>and</u> MATH 137 (COMPLETE) MATH 211 KNOWLEDGE ASSESSMENT: STEM 70
<b>Multidisciplinary</b>							
<b>Career Information &amp; Exploration, CC</b>	Career Exploration	IVYT 106*	Ivy Tech-Sellersburg CCSC STAFF	10-12	1 CR/SEM (FALL)=	NO COST~	N/A

<b>Science</b>							
<b>CHEMISTRY II, CC</b>	ELEMENTARY CHEMISTRY I W/LAB	CHEM C101/C121*#	INDIANA (ACP) RA TEACHER	11-12	5 CR/YR= (3 CR IVYT)	NO COST~ BOOK FEES ONLY	2.7 GPA, ALGEBRA I, CHEMISTRY I
<b>ADV SCIENCE, CC/CHEMISTRY I</b>	ELEMENTARY CHEMISTRY I W/LAB	CHEM C101/C121*#	INDIANA (ACP) RA TEACHER	10-12	5 CR/YR= (3 CR IVYT)	NO COST~ BOOK FEES ONLY	2.7 GPA, Algebra I
<b>BIOLOGY II, CC</b>	INTRODUCTORY BIOLOGY	BIOL 101*#	IVY TECH-SELLERSBURG CHS TEACHER	10-12	3 CR/SEM=	NO COST~ BOOK FEES ONLY	SAT R/W: 25/27; M 500 ACT R/E: 18/17; M: 18 PSAT R/W: 25/26; M: 25 KNOWLEDGE ASSESSMENT: R/W 70, STEM 50 JUNIOR/SENIOR: 2.6, CORE 40, 4 SEM COMPLETED
<b>ADV SCIENCE, CC/BIOLOGY II-DIVERSITY OF LIFE CC</b>	BIOLOGY II-DIVERSITY OF LIFE	BIOL 107*#	IVY TECH-SELLERSBURG CHS TEACHER	10-12	3 CR/SEM=	NO COST~ BOOK FEES ONLY	SAT R/W: 25/27; M 500 ACT R/E: 18/17; M: 18 PSAT R/W: 25/26; M: 25 KNOWLEDGE ASSESSMENT: R/W 70, STEM 50 JUNIOR/SENIOR: 2.6, CORE 40, 4 SEM COMPLETED
<b>ANATOMY &amp; PHYSIOLOGY I, II, CC</b>	ANATOMY & PHYSIOLOGY I, II	APHY 101*#, 102*#	IVY TECH-SELLERSBURG CHS TEACHER	10-12	3 CR/SEM=	NO COST~ BOOK FEES ONLY	SAT R/W: 25/27; M 500 ACT R/E: 18/17; M: 18 PSAT R/W: 25/26; M: 25 KNOWLEDGE ASSESSMENT: R/W 70, STEM 50 JUNIOR/SENIOR: 2.6, CORE 40, 4 SEM COMPLETED
<b>Social Studies</b>							
<b>ECONOMICS, CC</b>	MACROECONOMICS	ECON 201*#	IVY TECH-SELLERSBURG ON-CAMPUS	12	3 CR/YR=	NO COST~ BOOK FEES ONLY	SAT R/W: 25/27; M 500 ACT R/E: 18/17; M: 18 PSAT R/W: 25/26; M: 24.5 KNOWLEDGE ASSESSMENT: R/W 70, STEM 50 JUNIOR/SENIOR: 2.6, CORE 40, 4 SEM COMPLETED "C- " OR BETTER IN ENGL 111
<b>PSYCHOLOGY, CC</b>	INTRODUCTION TO PSYCHOLOGY	PSYC 101*#	IVY TECH-SELLERSBURG ON-CAMPUS	11-12	3 CR/SEM=	NO COST~ BOOK FEES ONLY	SAT R/W: 25/27 ACT R/E: 18/17 PSAT R/W: 25/26 KNOWLEDGE ASSESSMENT: R/W 70 JUNIOR/SENIOR: 2.6, CORE 40, 4 SEM COMPLETED
<b>US GOVERNMENT, CC</b>	INTRODUCTION TO AMERICAN GOVERNMENT & POLITICS	POLS 101*#	IVY TECH-SELLERSBURG ON-CAMPUS	12	3 CR/SEM=	NO COST~ BOOK FEES ONLY	SAT R/W: 25/27 ACT R/E: 18/17 PSAT R/W: 25/26 KNOWLEDGE ASSESSMENT: R/W 70 JUNIOR/SENIOR: 2.6, CORE 40, 4 SEM COMPLETED
<b>US HISTORY, CC</b>	SURVEY OF AMERICAN HISTORY I, II	HIST 101*#, 102*#	IVY TECH-SELLERSBURG ON-CAMPUS	11	3 CR/SEM=	NO COST~ BOOK FEES ONLY	SAT R/W: 25/27 ACT R/E: 18/17 PSAT R/W: 25/26 KNOWLEDGE ASSESSMENT: R/W 70 JUNIOR/SENIOR: 2.6, CORE 40, 4 SEM COMPLETED
<b>World Language</b>							
<b>ADV WORLD LANGUAGE, CC/SPANISH III, IV</b>	SPANISH LEVEL I, II, III, IV	SPAN 101*#, 102*#, 201*#, 202*#	IVY TECH-SELLERSBURG CHS TEACHER	10-12	101 & 102: 4 CR/SEM= 201 & 202: 3 CR/SEM=	NO COST~ BOOK FEES ONLY	SAT R/W: 25/27 ACT R/E: 18/17 PSAT R/W: 25/26 KNOWLEDGE ASSESSMENT: R/W 70 JUNIOR/SENIOR: 2.6, CORE 40, 4 SEM COMPLETED

ADV WORLD LANGUAGE, CC/FRENCH III, IV	FRENCH LEVEL I, II, III,IV	FREN 101*#, 102*#, 201*#, 202*#	IVY TECH-SELLERSBURG CHS TEACHER	10-12	101 & 102: 4 CR/SEM= 201 & 202: 3 CR/SEM=	NO COST~ BOOK FEES ONLY	SAT R/W: 25/27 ACT R/E: 18/17 PSAT R/W: 25/26 KNOWLEDGE ASSESSMENT: R/W 70 JUNIOR/SENIOR: 2.6, CORE 40, 4 SEM COMPLETED
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CHS College Credit Course Offerings

Courses for Associate of General Studies (AGS) Ivy Tech, but do not have an equivalent HS course title.

N/A	General Studies Capstone	GENS 279	IVY TECH-SELLERSBURG ON-CAMPUS	12	1 CR/SEM (SPRING)=	NO COST~	N/A
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## Ivy Tech Indiana College Core/Associate of General Studies

Opportunity to receive Indiana College Core Certificate or an Associate Degree through Ivy Tech while attending High School\*\*

Indiana College Core (ICC) = 30+ Credits*	Associate of General Studies (AGS) = 60+ Credits
<p><b>Speaking &amp; Listening: 3-6 Credits</b></p> <p>___ COMM 101 Fundamentals of Public Speaking</p> <p><b>Written Communication: 3-6 Credits</b></p> <p>___ ENGL 111 English Composition</p> <p>___ ENGL 215 Exposition and Persuasion</p> <p><b>Quantitative Reasoning: 3-12 Credits</b></p> <p>___ MATH 123 Quantitative Reasoning</p> <p>___ MATH 135 Finite Math</p> <p>___ MATH 136 College Algebra</p> <p>___ MATH 137 Trigonometry with Analytic Geometry</p> <p>___ MATH 211 Calculus I (4 credits)</p> <p>___ MATH 212 Calculus II (4 credits)</p> <p><b>Scientific Ways of Knowing: 3-12 Credits</b></p> <p>___ CHEM C101/C121 Elem Chemistry (IUS)-will count for CHEM 101 Intro Chem (3 credits)</p> <p>___ BIOL 101 Introductory Biology</p> <p>___ BIOL 107 Biology II-Diversity of Life</p> <p><b>Social &amp; Behavioral Ways of Knowing: 3-12 Credits</b></p> <p>___ ECON 101 Principles of Macroeconomics</p> <p>___ HIST 101 Survey of American History I</p> <p>___ HIST 102 Survey of American History II</p> <p>___ POLS 101 Introduction to American Government and Politics</p> <p>___ PSYC 101 Introduction to Psychology</p> <p><b>Humanistic &amp; Artistic Ways of Knowing: 3-12 Credits</b></p> <p>___ ENGL 202 Creative Writing</p> <p>___ ENGL 206 Introduction to Literature</p> <p>___ FREN 101 French Level I (4 credits)</p> <p>___ FREN 102 French Level II (4 credits)</p> <p>___ FREN 201 French Level III</p> <p>___ FREN 202 French Level IV</p> <p>___ SPAN 101 Spanish Level I (4 credits)</p> <p>___ SPAN 102 Spanish Level II (4 credits)</p> <p>___ SPAN 201 Spanish Level III</p> <p>___ SPAN 202 Spanish Level IV</p>	<p><b>See Indiana College Core plus the following:</b></p> <p><b>Other Institutional Requirements: 2 Credits</b></p> <p>___ IVYT 106 Career Exploration (1 credit)</p> <p>___ GENS 279 Liberal Arts Capstone Course (1 credit)</p> <p><b>Professional-Technical: 6 Credits</b></p> <p><input checked="" type="checkbox"/> ENGL 215 Exposition and Persuasion (See Column 1)-required for AGS</p> <p><input checked="" type="checkbox"/> POLS 101 Introduction to American Government &amp; Politics (See Column 1)-required for AGS</p> <p><b>Statewide Electives: 22 Credits</b> (can include additional ICC courses)</p> <p>___ APHY 101 Anatomy &amp; Physiology I</p> <p>___ APHY 102 Anatomy &amp; Physiology II</p> <p>___ VISC 101 Design Fundamentals</p> <p>___ VISC 115 Vector Graphics &amp; Publication Design I</p> <p>___ DESN 101 Introduction to Design Technology</p> <p>___ DESN 113 2D Computer-Aided Design (CAD)</p> <p>___ Student Electives 100-Level or higher _____</p> <p>___ Student Electives 100-Level or higher _____</p> <p> *For ICC, at least 1 course in each of the 6 categories must be completed for a minimum of 30 credits.</p> <p>**Courses listed are available with Clarksville Schools. Other courses are available upon request, if needed to fulfill AGS requirements.</p>

**TOTAL ICC CREDITS (1st column only)**

**TOTAL AGS CREDITS (1st and 2nd columns, but must meet all ICC requirements)**

\_\_\_\_\_ / 30+

\_\_\_\_\_ / 60+



## Graduation Pathways

One in each of the 3 buckets must be complete to graduate

Graduation Pathway Bucket #1	Graduation Pathway Bucket #2	Graduation Pathway Bucket #3
Core 40	Project-Based Learning Experience	Honors Diploma
Core 40 with Academic Honors (AHD)	Service-Based Learning Experience	ACT: English 18, Math 22, Reading 22, Science 23 (students must meet at least 2 of the 4 score requirements, either English 18 or Reading 22 AND Math 22 or Science 23)
Core 40 with Technical Honors (THD)	Work-Based Learning Experience	SAT: EBRW 480, Math 530
		ASVAB: AFQT 31 (Army 31, Marines 31, Navy 35, Air Force 36, Coast Guard 45)
		State- and Industry-recognized Credential or Certification: List on Website
		Federally-recognized Apprenticeship: List on Website
		<b>Career-Technical Education Concentrator (CTE):</b> C average in at least two non-duplicative advanced courses (courses beyond an introductory course) within a particular program or program of study (Class of 23,24). C average in four specific Next Level Programs of Study (NLPS) courses within a particular program or program of study.
		<b>AP/IB/Dual Credit/Cambridge International courses or CLEP Exams:</b> C average or higher in at least 3 courses. (1 of 3 courses must be in a core content area. The Core Transfer Library defines “core content” for dual credit requirements. List on Website. Or, all 3 courses must be part of a defined CTE sequence. A defined CTE sequence of courses is based on the IN College and Career Pathways. These courses must correspond with the CTE Technical Dual Credit Crosswalk. List on Website.
		<b>Locally Created Pathway (LCP):</b> Civic Arts

## ➔ Graduation Pathways (CTE)

Bucket #3 Graduation Pathways CTE Options

### Clusters/Pathways

(State)  
(CTE-CHS)

#### Clarksville HS~

Cluster: Advanced Manufacturing

*Pathway: Engineering*

Cluster: Health & Human Services

*Pathway: Biomedical Sciences & Technology*

Cluster: Business Management

*Pathway: Business Administration*

Cluster: Digital Technology

*Pathway: Computer Science*

Cluster: Education

*Pathway: Education Professions*

Cluster: Financial Services

*Pathway: Accounting*

Cluster: Marketing, Sales, & Entrepreneurship

*Pathway: Marketing & Sales*

(Locally Created-CHS)

Cluster: Civic Arts-Locally Created

*Pathways: Civic Arts-Art, Civic Arts-Band, Civic Arts-Choir,*

*Civic Arts-Theatre*

### Clusters/Pathways

(State)  
(CTE-Prosser)

#### Prosser~

Cluster: Advanced Manufacturing

*Pathway: Automation & Robotics*

*Pathway: Design Technology (Drafting)*

*Pathway: Precision Machining*

*Pathway: Welding Technology*

Cluster: Agriculture

*Pathway: Landscaping*

Cluster: Construction

*Pathway: Civil Construction (Heavy Equipment-Hwy)*

*Pathway: Construction Trades-Carpentry*

*Pathway: Construction Trades-Electrical*

*Pathway: Construction Trades- HVAC Technology*

*Pathway: Plumbing & Pipefitting*

Cluster: Marketing, Sales, & Entrepreneurship

*Pathway: Entrepreneurship/Marketing & Sales*

Cluster: Education

*Pathway: Early Childhood*

*Pathway: Education Professions*

Cluster: Health & Human Services

*Pathway: Central Service Technician/Surgical Technician*

*Pathway: Certified Nursing Aide (CNA-1 Year Only)*

*Pathway: Cosmetology*

*Pathway: Dental Careers*

*Pathway: Health Careers (CCMA, CNA Plus, Pre-Nursing)*

*Pathway: Pharmacy Technician (Seniors Only)*

Cluster: Hospitality, Events, & Tourism

*Pathway: Culinary Arts*

Cluster: Digital Technology

*Pathway: Cybersecurity & Information Assurance*

*Pathway: Software Development (Programming)*

Cluster: Public Service & Safety

*Pathway: Criminal Justice*

*Pathway: Fire & Rescue*

Cluster: Supply Chain & Transportation

*Pathway: Automotive Collision Repair*

*Pathway: Automotive Services*

*Pathway: Aviation Management*

*Pathway: Diesel Services*



List of Courses 2025-26

Auto Collision Repair  
Auto Service Technology  
Aviation  
Construction Trades  
CNA-1 Year  
Cosmetology  
Criminal Justice  
CST Sterile Processing  
Culinary  
Cyber Security  
Dental Assistant  
Design Technology Drafting  
Diesel Services  
Early Childhood Education  
Education Professions  
Electrical Trades  
Entrepreneurship & Marketing  
Fire Rescue/EMT  
Health Careers-2 Year  
Heavy Equipment  
HVAC  
Industrial Automation Robotics  
Landscaping  
Pharmacy-1 Year, Seniors Only  
Plumbing & Pipefitting  
Precision Machining  
Software Development/Programming  
Welding



## Graduation Pathways-CHS (CTE, Civic Arts, JAG)

Bucket #3 Graduation Pathways-Principles, Concentrator A & B-must be completed with C- or higher, Capstone not currently required (Perkins V NLPS), Sequence of Civic Arts & JAG courses-must be completed with C- or higher

<b>Cluster: Advanced Manufacturing</b> <b>Career Pathway: Engineering</b> <b>Principles-Level I:</b> 4802 Introduction to Engineering Design <b>CTE Concentrator A-Level I:</b> 5644 Principles of Engineering <b>CTE Concentrator B-Level I:</b> 4818 Environmental Sustainability <b>Pathway Capstone-Level II:</b> 5698 Engineering Design and Development (not required)	<b>Cluster: Education</b> <b>Career Pathway: Education Professions</b> <b>Principles-Level I:</b> 7161 Principles of Teaching <b>CTE Concentrator A-Level I:</b> 7157 Child & Adolescent Development <b>CTE Concentrator B-Level I:</b> 7162 Teaching and Learning <b>Pathway Capstone-Level II:</b> 7267 Education Professions Capstone (not required)
<b>Cluster: Health &amp; Human Services</b> <b>Career Pathway: Biomedical Sciences &amp; Technology</b> <b>Principles-Level I:</b> 5218 Principles of Biomedical Sciences <b>CTE Concentrator A-Level I:</b> 5276 Anatomy & Physiology <b>CTE Concentrator B-Level I:</b> 5217 Medical Interventions <b>Pathway Capstone-Level II:</b> 5219 Biomedical Innovations	<b>Cluster: Financial Services</b> <b>Career Pathway: Accounting</b> <b>Principles-Level I:</b> 4562 Principles of Business Management <b>CTE Concentrator A-Level I:</b> 4524 Accounting Fundamentals <b>CTE Concentrator B-Level I:</b> 4522 Advanced Accounting <b>Pathway Capstone-Level II:</b> 7262 Accounting Capstone (not required)
<b>Cluster: Business Management</b> <b>Career Pathway: Business Administration</b> <b>Principles-Level I:</b> 4562 Principles of Business Management <b>CTE Concentrator A-Level I:</b> 5914 Marketing Fundamentals <b>CTE Concentrator B-Level I:</b> 4524 Accounting Fundamentals <b>Pathway Capstone-Level II:</b> 7256 Business Administration Capstone (not required)	<b>Cluster: Marketing, Sales, &amp; Entrepreneurship</b> <b>Career Pathway: Marketing and Sales</b> <b>Principles-Level I:</b> 4562 Principles of Business Management <b>CTE Concentrator A-Level I:</b> 5914 Marketing Fundamentals <b>CTE Concentrator B-Level I:</b> 7145 Digital Marketing or 5918 Strategic Marketing <b>Pathway Capstone-Level II:</b> 7201 Business Management Capstone (not required)
<b>Cluster: Digital Technology</b> <b>Career Pathway: Computer Science</b> <b>Principles-Level I:</b> 7183 Principles of Computing <b>CTE Concentrator A-Level I:</b> 7351 Topics in Computer Science <b>CTE Concentrator B-Level I:</b> 7352 Computer Science <b>Pathway Capstone-Level II:</b> 7353 Computer Science Capstone (not required)	<b>Career Pathway: Jobs for America's Graduates (JAG)</b> 0522 Preparing for College & Careers (1 Cr) 0509 JAG (4 Cr) 4540 Personal Financial Responsibility (1 Cr) NLPS Principles-Level I Course (2 Cr) Work-Based Learning Level 2
<b>Career Pathway: Civic Arts</b> All programs must include: <ol style="list-style-type: none"> <li>1. 4562 Principles of Business Management or 7161 Principles of Teaching</li> <li>2. Two years of Introduction/Intermediate Courses (can include advanced courses)</li> <li>3. One year of Advanced Courses</li> <li>4. ePortfolio with work samples from courses, internships, work experiences (culmination)</li> </ol>	
<b>• Art</b> Introduction/Intermediate: 4000 Intro to 2D Art, 4002 Intro to 3D Art, 4040 Ceramics, 4062 Photography, 4064 Painting Advanced: 4004 Adv 2D Art, 4006 Adv 3D Art, 7140 Principles of Digital Design/Design Fundamentals CC, 7141 Digital Design Graphics/Vector Graphics & Publication CC	<b>• Choir</b> Introduction/Intermediate: 4180 Choral Chamber Ensemble Advanced: 4180 Choral Chamber Ensemble
<b>• Band</b> Introduction/Intermediate: 4160 Beginning Concert Band, 4168 Intermediate Concert Band Advanced: 4170 Adv Concert Band	<b>• Theatre</b> Introduction/Intermediate: 4242 Theatre Arts, 4244 Technical Theatre, Advanced: 4240 Adv Theatre Arts, 4252 Adv Technical Theatre, 4250 Adv Acting, 4218 Theatre Production



## Graduation Pathways-Prosser (CTE)

Bucket #3 of Graduation Pathways-advanced courses marked as Principles, Concentrator A and B, Capstone, also seen above (Perkins V NLPS)

<u>Cluster</u>	<u>Career Pathway</u>	<u>DOE Code</u>	<u>Principles-Level 1</u> <u>CTE Concentrator A-Level 1</u> <u>CTE Concentrator B-Level 1</u> (1st Year, 1 Credit each semester, AM)	<u>DOE Code</u>	<u>Pathway Capstone-Level II</u> (2nd Year, 1 Credit each semester, 3 Credits each semester for Capstone, PM)
Advanced Manufacturing	<b>Automation and Robotics</b> (Certifications: SACA)	7108 7103 7106	Principles of Advanced Manufacturing Advanced Manufacturing Technology Mechatronics Systems	7224	Industrial Automation and Robotics Capstone
	<b>Design Technology-Drafting</b> (Certifications: Certified Solidworks Associate, AutoCad Inventor)	4802 7196 7197	Introduction to Engineering Design Mechanical and Architectural Design BIM Architecture	7225	Architectural Design Capstone
	<b>Precision Machining</b> (Certifications: NIMS)	7109 7105 7107	Principles of Precision Machining Precision Machining Fundamentals Advanced Precision Machining	7219	Precision Machining Capstone
	<b>Welding Technology</b> (Certification: AWS)	7110 7111 7101	Principles of Welding Technology Shielded Metal Arc Welding Gas Welding Process	7226	Welding Technology Capstone
Agriculture	<b>Landscaping</b>	7117 5132 7115	Principles of Agriculture Horticultural Science Landscape and Turf Management	7234	Landscape Management Capstone
Construction	<b>Civil Construction (Heavy Equipment/Highway)</b> (Certifications: NCCER Heavy Equipment, HH Level 1)	7130 7121 7118	Principles of Construction Trades Civil Construction Fundamentals Advanced Civil Construction	7240	Civil Construction Capstone
	<b>Construction Trades-Carpentry</b> (Certification: NCCER Carpentry Level 1)	7130 7123 7122	Principles of Construction Trades Construction Trades: General Carpentry Construction Trades: Framing and Finishing	7242	Construction Trades Capstone
	<b>Construction Trades-Electrical</b> (Certification: NCCER Electrical)	7130 7124 7119	Principles of Construction Trades Electrical Fundamentals Advanced Electrical	7263	Construction Trades Electrical Capstone
	<b>Construction Trades-HVAC Technology</b> (Certification: NATE HVAC Support Technician)	7131 7125 7126	Principles of HVAC HVAC Fundamentals HVAC Service	7244	HVAC Capstone
	<b>Plumbing &amp; Pipefitting</b>	7133 7129 7120	Principles of Plumbing & Pipefitting Plumbing & Pipefitting Fundamentals Advanced Plumbing & Pipefitting	7264	Plumbing & Pipefitting Capstone
Marketing, Sales, & Entrepreneurship	<b>Entrepreneurship</b> (Year 1) <b>Marketing and Sales</b>	7154 7148 7147	Principles of Entrepreneurship New Venture Development Small Business/Entrepreneurial Operations	4562 5914 5918	Principles of Business Management Marketing Fundamentals Strategic Marketing

	(Year 2) (Certification: Microsoft Office Specialist Associate)				
Education	<b>Early Childhood</b> (Certifications: CDA)	7160 7158 7159	Principles of Early Childhood Education Early Childhood Education Curriculum Early Childhood Education Guidance	7259	Early Childhood Education Capstone
	<b>Education Professions</b>	7161 7157 7162	Principles of Teaching Child & Adolescent Development Teaching & Learning	7267	Education Professions Capstone
Health & Human Sciences	<b>Central Service Tech/Surgical Tech</b> (CST Processing)	7168 5274 7163	Principles of Healthcare Medical Terminology Central Service Technician Fundamentals	7257	Central Service Technician Capstone (Both, 1, 3)
	<b>Certified Nursing Aide (CNA)</b> (1 Year Only, AM) (Certifications: CNA, Dementia Care, CPR)	7168 5274 7166	Principles of Healthcare Medical Terminology Healthcare Specialist: CNA		
	<b>Cosmetology</b> (Certifications: IN State Board of Cosmetology License)	7330 7331 7332	Principles of Barbering and Cosmetology Barbering and Cosmetology Fundamentals Advanced Cosmetology	7334	Barbering and Cosmetology Capstone
	<b>Dental Careers</b> (Certification: Radiation Health & Safety)	7315 7316 7317	Principles of Dental Careers Dental Careers Fundamentals Advanced Dental Careers	7318	Dental Careers Capstone
	<b>Health Careers-Choice 1 Certified Clinical Medical Assistant (CCMA)</b> (Certifications: Certified Medical Assistant CMA, Certified Phlebotomy Technician CPT)	7168 5274 7166	Principles of Healthcare Medical Terminology Healthcare Specialist: CNA	7255	Healthcare Specialist Capstone
	<b>Health Careers-Choice 2 CNA Plus</b>	7168 5274 7166	Principles of Healthcare Medical Terminology Healthcare Specialist: CNA	7255	Healthcare Specialist Capstone
	<b>Health Careers-Choice 3 Pre-Nursing</b>	7168 5274 7166	Principles of Healthcare Medical Terminology Healthcare Specialist: CNA	7255	Healthcare Specialist Capstone
	<b>Pharmacy Technician</b> (1 Year, After School) (Certifications: Pharmacy Tech)			7137 5274 7167	Principles of Pharmacy Tech Medical Terminology Pharmacy Tech
Hospitality, Events, and Tourism	<b>Culinary Arts</b> (Certifications: ProStart, ServSafe)	7173 7171 7169	Principles of Culinary and Hospitality Nutrition Culinary Arts	7233	Culinary Arts
Digital Technology	<b>Cybersecurity &amp; Information Assurance</b>	7183 7180 7181	Principles of Computing Information Technology Fundamentals Networking and Cybersecurity Operations	7249	IT Operations: Cybersecurity Operations Capstone

	(Certifications: A+, Network+, Security+, Cisco CyberOps, CCST, Linux Essentials)				
	<b>Software Development-Programming</b> (Certification: PCEP)	7183 7185 7184	Principles of Computing Website and Database Development Software Development	7253	Software Development Capstone
Public Service & Safety	<b>Criminal Justice</b>	7193 7191 7188	Principles of Criminal Justice Law Enforcement Fundamentals Corrections and Cultural Awareness	7231	Criminal Justice Capstone
	<b>Fire and Rescue</b> (Certification: Firefighter I)	7195 7189 7186	Principles of Fire and Rescue Fire Fighting Fundamentals Advanced Fire Fighting	7229	Fire and Rescue Capstone
Supply Chain & Transportation	<b>Automotive Collision Repair</b> (Certifications: ICAR Auto Collision I)	7215 7204 7206	Principles of Collision Repair Automotive Body Repair Plastic Body Repair and Painting Fundamentals	7380	Collision Repair Capstone
	<b>Automotive Services</b> (Certification: Toyota Maintenance or ASC)	7213 7205 7212	Principles of Automotive Services Brake Systems (Both) Steering and Suspensions	7375	Automotive Service Capstone
	<b>Aviation Management</b> (Year 2-Allows for full schedule at home school)	7214 7217 7207	Principles of Aviation Management Private Pilot Theory Aviation Safety and Operations	7385	Aviation Management Capstone
	<b>Diesel Services</b> (Certification: Toyota Maintenance)	7216 7210 7211	Principles of Diesel Services Diesel Steering and Brakes Diesel Transmission and Engine Repair	7221	Diesel Services Capstone



## NEXT LEVEL PROGRAMS OF STUDY (NLPS) PLANNING GUIDE

Four-Year CTE Example Plans, see list for graduation pathways

### Cluster: Advanced Manufacturing

#### Career Pathway: Engineering

**Principles-Level I:** 4802 Introduction to Engineering Design

**CTE Concentrator A-Level I:** 5644 Principles of Engineering

**CTE Concentrator B-Level I:** 4818 Environmental Sustainability

**Pathway Capstone-Level II:** 5698 Engineering Design and Development (not required)

Recommended Prerequisites: None

Options:	Grade 9	Grade 10	Grade 11	Grade 12
Plan A	Intro to Engineering Design	Principles of Engineering	Environmental Sustainability (3rd Science)	
Plan B	Intro to Engineering Design	Principles of Engineering Environmental Sustainability		
Plan C		Intro to Engineering Design	Principles of Engineering	Environmental Sustainability
Plan D		Intro to Engineering Design	Principles of Engineering Environmental Sustainability	
Plan E			Intro to Engineering Design	Principles of Engineering Environmental Sustainability

### Cluster: Health & Human Service

#### Career Pathway: Biomedical Science & Technology

**Principles-Level I:** 5218 Principles of Biomedical Sciences

**CTE Concentrator A-Level I:** 5276 Anatomy & Physiology

**CTE Concentrator B-Level I:** 5217 Medical Interventions

**Pathway Capstone-Level II:** 5219 Biomedical Innovations or 7255 Healthcare Specialist  
Capstone (not required)

Recommended Prerequisites: Introduction to Agriculture

Options:	Grade 9	Grade 10	Grade 11	Grade 12
Plan A	Principles of Biomedical Sciences	Anatomy & Physiology (3rd Science)	Medical Interventions	Biomedical Innovations
Plan B		Principles of Biomedical Sciences	Anatomy & Physiology (3rd Science) Medical Interventions	Biomedical Innovations
Plan C		Principles of Biomedical Sciences	Anatomy & Physiology (3rd Science)	Medical Interventions
Plan D			Principles of Biomedical Sciences	Anatomy & Physiology (3rd Science) Medical Interventions

<b>Cluster: Business Management</b> <b>Career Pathway: Business Administration</b> <b>Principles-Level I:</b> 4562 Principles of Business Management <b>CTE Concentrator A-Level I:</b> 5914 Marketing Fundamentals <b>CTE Concentrator B-Level I:</b> 4524 Accounting Fundamentals <b>Pathway Capstone-Level II:</b> 7256 Business Administration Capstone (not required)
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Recommended Prerequisites: Digital Applications & Responsibility				
Options:	Grade 9	Grade 10	Grade 11	Grade 12
Plan A	Principles of Business Management	Marketing Fundamentals	Accounting Fundamentals	
Plan B	Principles of Business Management	Marketing Fundamentals Accounting Fundamentals		
PlanC		Principles of Business Management	Marketing Fundamentals	Accounting Fundamentals
Plan D		Principles of Business Management	Marketing Fundamentals Accounting Fundamentals	
Plan E			Principles of Business Management	Marketing Fundamentals Accounting Fundamentals

<b>Cluster: Digital Technology</b> <b>Career Pathway: Computer Science</b> <b>Principles-Level I:</b> 7183 Principles of Computing <b>CTE Concentrator A-Level I:</b> 7351 Topics in Computer Science <b>CTE Concentrator B-Level I:</b> 7352 Computer Science <b>Pathway Capstone-Level II:</b> 7353 Computer Science Capstone (not required)
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Recommended Prerequisites: Introduction to Computer Science, Co-Enrolled Algebra I				
Options:	Grade 9	Grade 10	Grade 11	Grade 12
Plan A	Principles of Computing (3rd Science, QR)	Topics in Computer Science (3rd Science, QR)	Computer Science (3rd Science, QR)	
Plan B	Principles of Computing (3rd Science, QR)	Topics in Computer Science (3rd Science, QR) Computer Science (3rd Science, QR)		
Plan C		Principles of Computing (3rd Science, QR)	Topics in Computer Science (3rd Science, QR)	Computer Science (3rd Science, QR)
Plan D		Principles of Computing (3rd Science, QR)	Topics in Computer Science (3rd Science, QR) Computer Science (3rd Science, QR)	
Plan E			Principles of Computing (3rd Science, QR)	Topics in Computer Science (3rd Science, QR) Computer Science (3rd Science, QR)

<b>Cluster: Education</b> <b>Career Pathway: Education Professions</b> <b>Principles-Level I:</b> 7161 Principles of Teaching <b>CTE Concentrator A-Level I:</b> 7157 Child & Adolescent Development <b>CTE Concentrator B-Level I:</b> 7162 Teaching and Learning <b>Pathway Capstone-Level II:</b> 7267 Education Professions Capstone (not required)
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Recommended Prerequisites: None				
Options:	Grade 9	Grade 10	Grade 11	Grade 12
Plan A		Principles of Teaching	Child & Adolescent Development	Teaching & Learning
Plan B		Principles of Teaching	Child & Adolescent Development Teaching & Learning	
Plan C			Principles of Teaching	Child & Adolescent Development Teaching & Learning

<b>Cluster: Financial Services</b> <b>Career Pathway: Accounting</b> <b>Principles-Level I:</b> 4562 Principles of Business Management <b>CTE Concentrator A-Level I:</b> 4524 Accounting Fundamentals <b>CTE Concentrator B-Level I:</b> 4522 Advanced Accounting <b>Pathway Capstone-Level II:</b> 7252 Accounting Capstone (not required)
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Recommended Prerequisites: Digital Applications & Responsibility				
Options:	Grade 9	Grade 10	Grade 11	Grade 12
Plan A	Principles of Business Management	Accounting Fundamentals	Advanced Accounting (QR)	
Plan B		Principles of Business Management	Accounting Fundamentals	Advanced Accounting (QR)

<b>Cluster: Marketing, Sales, &amp; Entrepreneurship</b> <b>Career Pathway: Marketing and Sales</b> <b>Principles-Level I:</b> 4562 Principles of Business Management <b>CTE Concentrator A-Level I:</b> 5914 Marketing Fundamentals <b>CTE Concentrator B-Level I:</b> 7145 Digital Marketing <b>Pathway Capstone-Level II:</b> 7201 Small Business Operations Capstone (not required)
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Recommended Prerequisites: Digital Applications & Responsibility				
Options:	Grade 9	Grade 10	Grade 11	Grade 12
Plan A	Principles of Business Management	Marketing Fundamentals	Digital Marketing	
Plan B		Principles of Business Management	Marketing Fundamentals	Digital Marketing



# DIPLOMA TRACK PLANNING GUIDE 2029+

Four-Year Example Plans (Class of 2029+), see list for graduation pathways & electives

Indiana Diploma				
Grade 8	Grade 9	Grade 10	Grade 11	Grade 12
1	1002 English 9	1004 English 10/1076 Speech	1006 English 11	1008 English 12
2	2520 Algebra I	2532 Geometry	2522 Algebra II	1540 Govt/ 4540 Personal Finance
3	3024 Biology	3108 ICP or 3064/3090 Chemistry DC	STEM-Focused Science	Graduation Pathway or Elective
4	3542 PE or 3560 Elective PE (3506 Health)/Elective	1542 US History	1548 World History or World Language Track	Elective
5	5394 Preparing for College & Careers (PCC)/4565 Foundations of Computing (5394 PCC)	Graduation Pathway	Graduation Pathway	Elective
6	Graduation Pathway	Elective	Elective	Elective
7	Elective	Elective	Elective	Elective

Honors Seal-Enrollment (Requires 4 World Language, 6 Social Studies, 8 Math, 6 Science, C- or higher, Cumulative B- or higher, 6 College Credits or SAT 1250)				
Honors Plus Seal-Enrollment (Requires Honors Enrollment Seal and ICC or AGS, 75 Work-Based Learning Hours, Skill Development-Communication, Collaboration, Work Ethic)				
Grade 8	Grade 9	Grade 10	Grade 11	Grade 12
1	1002 English 9 Honors	1004 English 10 Honors/1076 Speech	1006 English 11 DC	English 12 DC
2	2520 Algebra I (2532 Geometry H)	2532 Geometry H (2522 Algebra II H)	Algebra II H (Pre-Calculus~Alg DC/Pre-Calculus~Trig DC or QR Math DC/Finite DC)	Pre-Calculus~Alg DC/Pre-Calculus~Trig DC, Calculus DC, QR DC/Finite DC, or Calculus DC or Elective
3	3024 Biology	3090 Chemistry DC	STEM-Focused Science DC	Science DC or Elective
4	3542 PE or 3560 Elective PE (3506 Health)/Elective	1542 US History	World History DC or World Language DC	1540 Govt DC/4540 Personal Finance DC
5	5394 Preparing for College & Careers (PCC)/4565 Foundations of Computing (5394 PCC)	World Language II	1078 Speech/1432 Psychology DC	World Language IV DC or Elective
6	World Language I	Graduation Pathway	Art DC or Elective	Elective
7	Graduation Pathway	Elective	Elective	Elective

Honors Seal-Employment (Requires Market-Driven Credential or 3 CTE Courses or Local Pathway; 150 Work-Based Learning Hours; Skill Development-Communication, Collaboration, Work Ethic; Attendance Goal)				
Honors Plus Seal-Employment (Requires Honors Employment Seal and Market-Driven Credential-Advanced Industry Certificate or ICC or AGS; 650 Work-Based Learning Hours)				
Grade 8	Grade 9	Grade 10	Grade 11	Grade 12
1 5394 Preparing for College & Careers (PCC)	1002 English 9	1004 English 10/1076 Speech	1006 English 11	1008 English 12
2	2520 Algebra I	2532 Geometry	2522 Algebra II	1540 Govt/ 4540 Personal Finance
3	3024 Biology	3108 ICP or 3064/3090 Chemistry DC	STEM-Focused Science	Graduation Pathway or Elective
4	3542 PE or 3560 Elective PE (3506 Health)/Elective	1542 US History	1548 World History or World Language Track	Prosser

5	5394 Preparing for College & Careers (PCC)/4565 Foundations of Computing (5394 PCC)	Graduation Pathway	Prosser	Prosser
6	Graduation Pathway	Elective	Prosser	Prosser
7	Elective	Elective	Prosser	Prosser

### Honors Seal-Enlistment & Service

### Honors Plus Seal-Enlistment & Service



## DIPLOMA TRACK PLANNING GUIDE 2026-2028

Four-Year Example Plans (Class of 2026-28), see list for graduation pathways & electives

Core 40				
	Grade 9	Grade 10	Grade 11	Grade 12
1	English 9	English 10	English 11	English 12
2	Algebra I	Geometry	Algebra II	US Government/Economics
3	Biology	Chemistry (or Integrated Chem/Phys)	3 <sup>rd</sup> Science	QR or Elective
4	Graduation Pathway	World History	US History	Graduation Pathway
5	PE or Elective PE if athlete (Health)	Graduation Pathway	Graduation Pathway	Elective
6	Personal Financial Responsibility	Elective	Elective	Elective
7	Elective	Elective	Elective	Elective

Core 40--Prosser Track				
	Grade 9	Grade 10	Grade 11	Grade 12
1	English 9	English 10	English 11	English 12
2	Algebra I	Geometry	Algebra II	US Government/Economics
3	Biology	Chemistry (or Integrated Chem/Phys)	US History	QR or Elective
4	Graduation Pathway	World History	Elective	Prosser
5	PE or Elective PE if athlete (Health)	3 <sup>rd</sup> Science	Prosser	Prosser
6	Personal Financial Responsibility	Graduation Pathway	Prosser	Prosser
7	Elective	Elective	Prosser	Prosser

Core 40 with Academic Honors (C- or better in all classes required to graduate, not all DC required)				
	Grade 9	Grade 10	Grade 11	Grade 12
1	English 9	English 10 Honors	English 11 DC	English 12 DC
2	Algebra I (Geometry H)	Geometry H (Algebra II H)	Algebra II H (Pre-Calculus~Alg DC/Pre-Calculus~Trig DC or QR Math DC/Finite DC)	US Government DC/Economics DC
3	Biology	Chemistry DC	3 <sup>rd</sup> Science DC	Pre-Calculus~Alg DC/Pre-Calculus~Trig DC, Calculus DC, QR DC/Finite DC, or Elective
4	Graduation Pathway	World History	US History DC	World Language IV DC or Elective
5	PE or Elective PE if athlete (Health)	World Language II (III DC)	World Language III DC (IV DC)	Graduation Pathway or Elective
6	World Language I (II)	Graduation Pathway	Graduation Pathway or Elective	Elective
7	Personal Financial Responsibility	Elective	Elective	Elective

Core 40 with Technical Honors—Prosser or CTE Track (C- or better in all classes required to graduate, not all DC required)				
	Grade 9	Grade 10	Grade 11	Grade 12
1	English 9	English 10 Honors	English 11 DC	English 12 DC
2	Algebra I (Geometry or Geom H)	Geometry or Geom H (Algebra II or Alg II H)	Algebra II or Alg II H (Pre-Calculus~Alg DC/Pre-Calculus~Trig DC, QR DC/Finite DC)	US Government DC/Economics DC
3	Biology	Chemistry DC	US History DC	QR or Elective
4	Graduation Pathway	World History	Graduation Pathway or Elective	Prosser or Graduation Pathway
5	PE or Elective PE if athlete (Health)	3 <sup>rd</sup> Science DC	Prosser or Elective	Prosser or Elective
6	Personal Financial Responsibility	Graduation Pathway	Prosser or Elective	Prosser or Elective
7	Elective	Elective	Prosser or Elective	Prosser or Elective

Certificate of Completion/Alternate Diploma--Significant Cognitive Disabilities Only				
	Grade 9	Grade 10	Grade 11	Grade 12
1	English 9 Applied	English 10 Applied	English 11 Applied	English 12 Applied
2	Algebra I Applied	Algebra I Applied	Geometry Applied	Geometry Applied
3	Biology I Applied	Biology I Applied	Physical Science Applied	Earth Space Science Applied
4	Geography & History of World Applied	Geography & History of World Applied	US History Applied	US Government Applied/Economics Applied
5	PE/Health Applied	Basic Skills Applied	Career Info & Exploration Applied	Career Info & Exploration Applied
6	Computing Foundations Applied/Elective	Elective	Elective	Personal Financial Responsibility Applied
7	Elective	Elective	Elective	Elective



## Applied Courses for SpEd

Courses for Students on Certificate of Completion/Alternate Diploma, a framework for aligning curriculum to grade level standards while meeting the individual goals & transition needs of IEP. All CTE programs can be modified.

0500AA/B	Applied Basic Skills	8 Units
0522AA/B	Applied Career Information & Exploration	4 Units
1002AA/B	Applied English 9	4 Units
1004AA/B	Applied English 10	4 Units
1006AA/B	Applied English 11	4 Units
1008AA/B	Applied English 12	4 Units
1120AA/B	Applied Developmental Reading	4 Units
1512AA	Applied Current Problems, Issues, and Events	2 Units
1514A	Applied Economics	2 Units
1518AA/B	Applied Indiana Studies	2 Units
1540A	Applied US Government	2 Units
1542AA/B	Applied US History	4 Units
1570AA/B	Applied Geography & History of the World	4 Units
2520AA/B	Applied Algebra I	4 Units
2532AA/B	Applied Geometry	4 Units
3024AA/B	Applied Biology	4 Units
3044AA/B	Applied Earth-Space Science I	4 Units
3102AA/B	Applied Physical Science	2 Units
3506AA/B	Applied Health & Wellness Education	2 Units
3542AA	Applied Physical Education I	2 Units
3544AB	Applied Physical Education II	2 Units
3560AA/B	Applied Elective Physical Education	8 Units
4200AA/B	Applied Music	8 Units
4512AA/B	Applied Business Math	4 Units
4540AA/B	Applied Personal Financial Responsibility	2 Units
4565AA/B	Applied Computing Foundations for a Digital Age	2 Units



## CHS Course List

### CHS COURSE LIST

#### **ADV MANUFACTURING-CTE**

##### *Engineering*

- 4802 - Intro to Engineering Design
- 5644 - Principles of Engineering
- 4818 - Environmental Sustainability
- 5698 - Engineering Design & Development

#### **BUSINESS MGMT & ADMINISTRATION-CTE**

##### *Business Administration*

- 4562 - Principles of Business Mgmt
- 5914 - Marketing Fundamentals
- 4524 - Accounting Fundamentals
- 7256 - Business Administration Capstone

#### **FINANCE-CTE**

##### *Accounting*

- 4562 - Principles of Business Mgmt
- 4524 - Accounting Fundamentals
- 4522 - Adv Accounting
- 7252 - Accounting Capstone

#### **Marketing-CTE**

##### *Marketing & Sales*

- 4562 - Principles of Business Mgmt
- 5914 - Marketing Fundamentals
- 7145 - Digital Marketing
- 7201 - Business Management Capstone

#### **DIGITAL TECH-CTE**

##### *Computer Science*

- 7183 - Principles of Computing
- 7351 - Topics in Computer Science
- 7352 - Computer Science
- 7353 - Computer Science Capstone
- 4560 - Computing Foundations for a Digital Age

#### **EDUCATION-CTE**

##### *Education Careers*

- 7161 - Principles of Teaching
- 7157 - Child & Adolescent Development
- 7162 - Teaching & Learning
- 7267 - Education Professions Capstone
- 7161CC - Principles of Teaching (Intro to Teaching) EDUC 101
- 7157CC - Child & Adolescent Develop (Child & Adolescent Develop) EDUC 121
- 7162CC - Teaching & Learning (The Exceptional Child) EDUC 230

- 7267CC - Education Professions Capstone (Literacy Develop through Children's Lit) EDUC 233

#### **HEALTH SCIENCE-CTE**

See Anatomy, Science

#### **WORK BASED LEARNING-CTE**

- 4540 - Personal Financial Responsibility
- 5394 - Prep for College/Careers

#### **ENGLISH/LANGUAGE ARTS**

- 1002 - English 09
- 1002H - English 09 Honors
- 1004 - English 10
- 1004H - English 10 Honors
- 1006 - English 11
- 1006CC - English 11 (Eng Comp) ENGL 111/(Rhetoric & Argument) ENGL 215
- 1008 - English 12
- 1008CC - English 12,(Eng Comp) ENGL 111/(Rhetoric & Argument) ENGL 215
- 1012 - English as a New Language
- 1076 - Speech
- 1078 - Advanced Speech (Fund of Public Speaking) COMM 101
- 1080 - Journalism
- 1084 - Digital Media
- 1086 - Student Media
- 1124CC - Advanced English (Creative Writing) ENGL 202/(Intro to Lit) ENGL 206

#### **FINE ARTS—ART**

- 4000 - Introduction to 2D Art
- 4002 - Introduction to 3D Art
- 4004 - Advanced 2D Art
- 4006 - Advanced 3D Art
- 4040 - Ceramics
- 4062 - Photography
- 4064 - Painting
- 7141 - Digital Design Graphics
- 7141CC - Digital Design (Vector Graphics & Publication) VISC 115
- 7140 - Principles of Digital Design
- 7140CC - Principles of Digital Design (Design Fundamentals) VISC 101

#### **FINE ARTS—MUSIC**

- 4160 - Beginning Concert Band
- 4168 - Intermediate Concert Band

- 4170 - Advanced Concert Band
- 4180 - Choral Chamber Ensemble

#### **FINE ARTS—THEATRE**

- 4240 - Advanced Theatre Arts
- 4242 - Theatre Arts
- 4244 - Tech Theatre
- 4248 - Theatre Production
- 4250 - Advanced Acting
- 4252 - Adv. Tech Theatre

#### **HEALTH**

- 3506 - Health and Wellness

#### **PHYSICAL EDUCATION**

- 3542 - Physical Education I
- 3544 - Physical Education II
- 3560 - Elective Physical Education (Weights)

#### **MATHEMATICS**

- 2520 - Algebra I
- 2522 - Algebra II
- 2522H - Algebra II Honors
- 2527 - Calculus
- 2527CC - Calculus (Calc I) MATH 211
- 2530 - Finite Math
- 2530CC - Finite Math (Finite) MATH 135
- 2532 - Geometry
- 2532H - Geometry Honors
- 2544CC - Calculus, Adv Math (Calc II) MATH 212
- 2550 - Quantitative Reasoning
- 2550CC - Quantitative Reasoning (QR) MATH 123
- 2560 - Math Lab
- 2564 - Pre-Calculus: Algebra
- 2564CC - Pre-Calculus: Algebra (College Algebra) MATH 136
- 2566 - Pre-Calculus: Trigonometry
- 2566CC - Pre-Calculus: Trig (Trig & Analytical Geom) MATH 137

#### **MULTIDISCIPLINARY**

- 0500 - Basic Skills Development (Recommend Only)
- 0522 - Career Info & Exploration
- 0522CC - Career Info & Exploration IVYT 106
- 0539 - Serviced Based Learning (Not a Class)
- 0543 - Work Based Learning Lvl 1 (Not a Class)
- 0547 - Project Based Learning (Not a Class)

**SCIENCE**

3010 - Environmental Science  
3024 - Biology I  
3026 - Biology II  
3026CC - Biology II (Intro to Bio) BIOL 101, (Bio II-Div of Life) BIOL 107  
3044 - Earth Space Science  
3064 - Chemistry I  
3066 - Chemistry II  
3066CC - Chemistry II (Elem Chem with Lab)  
C101/C121 (if 1st DC & already took Chem)  
3084 - Physics I (online only)  
3090CC - Adv Science Chem I (Elem Chem with Lab)  
C101/C121  
3108 - Integrated Chemistry-Physics  
5276 - Anatomy & Physiology  
5276CC - Anatomy & Phys (A&P I) APHY 101/(A&P II) APHY 102

**SOCIAL STUDIES**

1512 - Current Problems, Issues, & Events  
1514 - Economics  
1514CC - Economics (Econ Fund) ECON 101  
1516 - Ethnic Studies  
1518 - Indiana Studies  
1532CC - Psychology (Intro to Psych) PSYC 101  
1540 - US Government  
1540CC - US Government (Intro to Amer Govt) POLS 101  
1542 -US History  
1542CC - US History (Survey of Amer Hist I) HIST 101/(Survey of Amer Hist II) HIST 102  
1548 - World History and Civilization

**WORLD LANGUAGE**

2020 - French I  
2022 - French II  
2024 - French III  
2024CC - French III (French Level I) FREN 101/(French Level II) FREN102  
2026 - French IV  
2026CC - French IV (French Level I) FREN 101/(French Level II) FREN102 (if 1st DC)  
2026CC - French IV (French Level III) FREN 201/(French Level IV) FREN 202  
2120 - Spanish I  
2122 - Spanish II  
2124 - Spanish III  
2124CC - Spanish III (Spanish Level I) SPAN 101/(Spanish Level II) SPAN102 (if 1st DC)  
2126 - Spanish IV

2126CC - Spanish IV (Spanish Level I) SPAN 101/(Spanish Level II) SPAN102  
2126CC - Spanish IV (Spanish Level III) SPAN 201/(Spanish Level IV) SPAN 202  
2188 - English as a New Language (if Meets WL)

**OTHER**

(General Studies Capstone) GENS 279