

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



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## Career & Technical Education (CTE)



Agriculture, Business, Computer Science, Engineering, Education



[Link to Programs](#)

# CURRICULUM INFORMATION 2024-2025

## 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

**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	Applied English 9	ENG 9 A	Language, literature, composition, oral communication	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	Applied English 10	ENG 10 A	Language, literature, composition, oral communication	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	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	Applied English 11	ENG 11 A	Language, literature, composition, oral communication	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	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	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	Applied English 12	ENG 12 A	Language, literature, composition, oral communication	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
1030A	Journalism	JOURNALISM	Entry level course prior to Student Media	9-12	1 Sem	E/R*	
1034B	Digital Media	DIGITAL MEDIA	Entry level course learning media literacy/production skills	9-12	1 Sem	E/R*	
1036A/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	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	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
1120AA/B	Applied Developmental Reading	DEV READING A	Instruction to support success	9-12	4 Units	C	4
1124CCA	Advanced English CC, Language Arts Creative Writing: ENG_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: ENG_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	PHOTOGRAPHY	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*	
4082B	Digital Design	DIG DESIGN	Desktop publishing, multimedia, computer animation, web design	10-12	1 Sem/Spring	DE/R*	
4082CCB	Digital Design CC Vector Graphics & Publication: VISC 115 IVY TECH	DIG DESIGN CC	Desktop publishing, multimedia, computer animation, web design	10-12	1 Sem/Spring/DC	DE/R*/X	3
4834A	Design Fundamentals	DES FUND	Encompasses a variety of art works	10-12	1 Sem/Fall	DE/R*	1
4834CCA	Design Fundamentals CC Design Fundamentals: VISC 101 IVY TECH	DES FUND CC	Encompasses a variety of art works	10-12	1 Sem/Fall/DC	DE/R*/X PCL/CTE	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*	
4164A/B	Jazz Ensemble	JAZZ ENS	Focus on instrumental Jazz genre; audition required	9-12	1 Year	DE/R*	4
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
4206B	Music History and Appreciation	MUS HIST	Understanding the history and goodness of music	11-12	1 Sem/Spring	DE/R*	
4260CCB	Adv Fine Arts CC, Music History and Appreciation Music Appreciation: HUMA 118 IVY TECH	ADV ART CC, MUS HIST	Understanding the history and goodness of music	11-12	1 Sem/Spring/DC	DE/R*/X 3/7	

**FINE ARTS—THEATRE**

COURSE NUMBER	COURSE	SUGGESTED ABBREVIATION	DESCRIPTION	GRADE	DURATION	OTHER INFO	REQUIRED PREREQUISITES
0518A/B	Musical Theatre	MUS THTR, BEG	History of Musical Theatre	8	1 Year	DE/R*	
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	Applied Health and Wellness Education	HLTH & WELL A	Healthy lifestyle concepts	9-12	2 Units	C	4

## MATHEMATICS

COURSE	SUGGESTED ABBREVIATION	DESCRIPTION	GRADE	DURATION	OTHER INFO	REQUIRED PREREQUISITES	
2520A/B	Algebra I	Algebra concepts, first level of math	8-12	1 Year	R		
2520AA/B	Applied Algebra I	Algebra concepts, first level of math	9-12	4 Units	C	4	
2522A/B	Algebra II	Advanced algebra concepts	9-12	1 Year	R	1	
2522HA/B	Algebra II H	Advanced algebra concepts	9-12	1 Year	R	1/24	
2527CC	Calculus, 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	Calculus I: MATH 211 IVY TECH						
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 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	Finite Math: MATH 135 IVY TECH						
2532A/B	Geometry	GEOOM	Mathematical arguments and explanations	10-12	1 Year	R	5
2532HA/B	Geometry H	GEOOM H	Mathematical arguments and explanations	10-12	1 Year	R	1/24
2532AA/B	Applied Geometry	GEOOM A	Extends geometric experiences	9-12	4 Units	C	4
2544CCCC	Advanced Mathematics CC, Calculus II	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	Calculus II: MATH 212 IVY TECH						
2544CCQA/B	Advanced Mathematics CC, Quantitative Reasoning	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
2560A/B	Math Lab	MATH LAB	Designed to support success in math courses	9-12	1 Year	E	2
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	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	College Algebra: MATH 136 IVY TECH	PRE-CALC TRIG	Only if DNQ for CC; Course covers advanced trigonometry	11-12	1 Sem/Spring/Online	R*	1
2566CCB	Pre-Calculus: Trigonometry	PRE-CALC TRIG CC	Course covers advanced algebra and trigonometry	11-12	1 Sem/Spring/DC	R*X PCL/LA	1/3/6

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## 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	Applied Basic Skills Development	BASIC SKLS A CARR INFO	<i>Additional academic help received</i> Enhance college success by identifying life, educational, and career goals. initial AGS course	9-12 10-12	8 Units 1 Sem	C E	4
0522A	Career Information & Exploration, CC						4
	Career Exploration: IVYT 106 IVY TECH						
0522AA/B	Applied Career Information and Exploration	CARR INFO A SBL.	<i>Exploration of occupations and careers</i> Denotes completion of Grad Pathways Employability Skills Experience, 1 of 3 choices	9-12	4 Units	C	4
0539	Service Based Learning						
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
3542ASPE	Alternative Supervised Physical Education I	PHYS ED I, ASPE	PE I obtained through sports participation and activities	9-10	1 Sem	R*	4
3544ASPE	Alternative Supervised Physical Education II	PHYS ED II, ASPE	PE II obtained through sports participation and activities	9-10	1 Sem	R*	4
3542	Physical Education I	PHYS ED I	Physical activity	9-10	1 Sem or Sum	R	
3542AA	Applied Physical Education I	PHYS ED I/A	Physical activity	9-12	2 Units	C	4
3544	Physical Education II	PHYS ED II	Physical activity	9-10	1 Sem	R	
3544AB	Applied Physical Education II	PHYS ED II/A	Physical activity	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	Applied Elective Physical Education	ELECT PE A	Lifestyle sports and activities, PE must be completed	9-12	8 Units	C	4

## 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	Applied Biology I	BIO I/A	<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
3026CCCA/B	Biology II, CC	BIO II CC	Advanced life science; study of living things	10-12	1 Sem/Fall/DC	R*/X PCL/LA	1/3
3044AA/B	Introductory Biology: BIOL 101 IVY TECH Applied Earth/Space Science I	EAS SCI I	Study of the Earth's layers, structure and processes	9-12	4 Units	C	4

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

3064A/B	Chemistry I Chemistry II	CHEM I CHEM II	Physical science; study of chemical reactions Advanced physical science; study of chemical reactions	10-12	1 Year	R*/QR	
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	11-12	1 Year	R*/QR	1/2
3084A/B	Physics I	PHYS I	Study of matter and motion-possibly online only, required for some engineer programs	10-12	1 Year/DC	R*/QR/X PCL/LA	7
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	11-12	1 Year/Online	R*/QR	1.5
3102AA/B	Applied Physical Science	PHY SCI/A	Fundamental chemical, physical, and related Earth and Space science concepts	10-12	1 Year/DC	R*/QR/X PCL/LA	7
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
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
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

## 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	Applied Economics	ECON A	Supply and demand	12	2 Units	C	4
1514CCA	Economics CC	ECON CC	Supply and demand	12	1 Sem/DEP	R*/QR/X PCL/LA	3/6/7
1516	Economics Fundamentals: ECON 101 IVY TECH	TECH					
1518A	Indiana Studies	IN STUDIES	ETH STUDIES Study of lifestyles and cultural patterns of ethnic groups Compares and contrasts state and national developments	11-12	1 Sem/Fall	E	
1532A	Psychology	PSYCH	Study of individual mental states and reasoning processes	11-12	1 Sem	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	Applied US Government	US GOVT A	Government concepts	12	2 Units	C	4
1540CCB	US Government CC	US GOVT CC	Government concepts	12	1 Sem/DEP	R*/X PCL/LA	3/6/7

	Introduction to American Govt & Politics: POLS 101 IVY TECH					
1542A/B	US History	US HIST	History of America	11	1 Year	R
1542AA/B	Applied US History	US HIST A	History of America	11	4 Units	C 4
1542CCA	US History, CC	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	Applied Geography and History of the World	GEO-HST WLD A	Study of major global themes	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
2190A/B	Language for Heritage Speakers I	LHS I	Increase native language proficiency and bi-literacy	9-12	1 Year	DE/R*	
2192A/B	Language for Heritage Speakers II	LHS II	Increase native language proficiency and bi-literacy	10-12	1 Year	DE/R*	1
2194A/B	Language for Heritage Speakers III	LHS III	Increase native language proficiency and bi-literacy	11-12	1 Year	DE/R*	1

## AGRICULTURE, FOOD AND NATURAL RESOURCES-CTE

COURSE NUMBER	COURSE	SUGGESTED ABBREVIATION	DESCRIPTION	GRADE	DURATION	OTHER INFO	REQUIRED PREREQUISITES
5008A/B	Animal Science	ANML SCI	Topics specifically toward science of animals. Fulfills 3 <sup>rd</sup> science requirement	10-12	1 Year	DEX PCL/CTE	CTE Concentrator A-L1
5008CCA/B	Animal Science, CC Animal Science: AGR1 103 IVY TECH	ANML SCI CC	Topics specifically toward science of animals. Fulfills 3 <sup>rd</sup> science requirement	10-12	1 Year	DEX PCL/CTE	CTE Concentrator A-L1
5036A/B	Introduction to Agriculture, Food, and Natural Resources	INT AGFNR	Introduces agriculture	9	1 Year	DEX PCL/CTE	Recommended Prerequisite Site
5070A/B	Advanced Life Science, Animals	ALS ANIML	Topics specifically toward science of animals	10-12	1 Year	DEX PCL/CTE	CTE Concentrator B-L1
5070CCA/B	Advanced Life Science, Animals, CC	ALS ANIML, CC	Topics specifically toward science of animals	10-12	1 Year	DEX PCL/CTE	CTE Concentrator B-L1
7117A/B	Principles of Agriculture	PRIN AG	Agricultural industry and agribusiness concepts	9-11	1 Year	DEX PCL/CTE	Principles-L1
7262A/B	Agricultural Research Capstone	AG RES CAP	Culmination of agriculture principles	11-12	1 Year	DEX PCL/CTE	Pathway Capstone-L2

## BUSINESS, MARKETING, AND ENTREPRENEURSHIP-CTE

COURSE NUMBER	COURSE	SUGGESTED ABBREVIATION	DESCRIPTION	GRADE	DURATION	OTHER INFO	REQUIRED PREREQUISITES
4512AA/B	Applied Business Math	BUS MATH A	Study of money management, budgets	10-12	4 Units	C	4
4522A/B	Advanced Accounting	ADV ACC	Expands on accounting principles	10-12	1 Year	DEX PCL/CTE	CTE Concentrator B-L1
4524A/B	Accounting Fundamentals	ACCT FUN	Introduces the language of business	10-12	1 Year	DEX 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	DEX PCL/CTE	Principles-L1
5914A/B	Marketing Fundamentals	MRKT FUN	Introduction to marketing/sports marketing	11-12	1 Year	DEX PCL/CTE	CTE Concentrator A-L1
5918A/B	Strategic Marketing	STRT MRKT	Expands on marketing principles	10-12	1 Year	DEX PCL/CTE	CTE Concentrator B-L1
7113A/B	Management Fundamentals	MGMT FUND	Introduction of management principles	10-12	1 Year	DEX 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	DEX PCL/CTE	CTE Concentrator B-L1
7201A/B	Business Management Capstone	BUS MGMT CAP	Culmination of business management principles	11-12	1 Year	DEX PCL/CTE	Pathway Capstone-L2
7232A/B	Accounting Capstone	ACCT CAP	Culmination of accounting principles	11-12	1 Year	DEX PCL/CTE	Pathway Capstone-L2
7236A/B	Business Administration Capstone	BUS ADMN CAP	Culmination of business administration principles	11-12	1 Year	DEX PCL/CTE	Pathway Capstone-L2

## WORK BASED LEARNING-CTE

COURSE NUMBER	COURSE	SUGGESTED ABBREVIATION	DESCRIPTION	GRADE	DURATION	OTHER INFO	REQUIRED PREREQUISITES
4540A or B	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
5339A	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

## 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	11-12	1 Year	DEX PCL/CTE	CTE Concentrator A-L1
7157CCA/B	Child and Adolescent Development: EDUC 121 IVY TECH	CHLD ADL DEV CC	Physical and psychological development of humans	11-12	1 Year	DEX PCL/CTE	CTE Concentrator A-L1
7158A/B	Early Childhood Education Curriculum	EAR CHD ED CUR	Examines developmentally appropriate environments and activities	11-12	1 Year	DEX PCL/CTE	CTE Concentrator A-L1
7159A/B	Early Childhood Education Guidance	EAR CHD ED GD	Analyzes developmentally appropriate guidance, theory, and implementation including multicultural	11-12	1 Year	DEX PCL/CTE	CTE Concentrator B-L2
7160A/B	Principles of Early Childhood Education	PRIN EAR CH ED	Prepares for employment in early education careers	10-12	1 Year	DEX PCL/CTE	Principles-L1
7161A/B	Principles of Teaching	PRIN TEACH	Prepares for employment in education careers	10-12	1 Year	DEX PCL/CTE	Principles-L1
7161CCA/B	Principles of Teaching Introduction to Teaching: EDUC 101 IVY TECH	PRIN TEACH CC	Prepares for employment in education careers	10-12	1 Year	DEX PCL/CTE	Principles-L1
7162A/B	Teaching and Learning	TEACH LRN	Application of concepts learned/best practices	11-12	1 Year	DEX PCL/CTE	CTE Concentrator B-L2
7162CCA/B TBD	The Exceptional Child: EDUC 230 IVY TECH	TEACH LRN	Application of concepts learned/best practices	11-12	1 Year	DEX PCL/CTE	CTE Concentrator B-L2
7239A/B	Early Childhood Education Capstone	ERLY CHILD CAP	Culmination of early educational principles	12	1 Year	DEX PCL/CTE	Pathway Capstone-L2
7267A/B	Education Professions Capstone	ED PROF CAP CC	Culmination of educational principles	12	1 Year	DEX PCL/CTE	Pathway Capstone-L2
7267CCA/B	Education Professions Capstone Literacy Development through Children's Literature: EDUC 233 IVY TECH	ED PROF CAP CC	Culmination of educational principles	12	1 Year	DEX 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 TECH	Anatomy & Physiology I: APHY 101 IVY	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 TECH	Anatomy & Physiology I: APHY 102 IVY	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

## INFORMATION 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	DEX PCL/CTE	Principles-L1

## STEM-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	DEX 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	DEX 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
7351A/B	Topics in Computer Science	TOP COMP SCI	Introduces basic programming	10-12	1 Year	DEX PCL/CTE	CTE Concentrator A-L1
7352A/B	Computer Science	COMP SCI	Builds skills in programming	11-12	1 Year	DEX 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

## 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	DEX PCL/CTE	4
A/B	Architectural Drafting and Design II, Construction Trades II, Construction Trades: Electrical II, Construction Trades: HVAC II, Diesel Service Technology II, Precision Machining I, Precision Machining II		See Prosser Course Descriptions must be on track to graduate, requirements dependent upon program	11-12	1-2 Years/DC	DEX PCL/CTE/QR	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-CTE]** (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>Agriculture-CTE</b>							
ANIMAL SCIENCE, CC	Animal Science	AGRI 103*#	IVY TECH-SELLERSBURG CHS TEACHER	10-12	3 CR/YR=	NO COST~ BOOK FEES ONLY	NONE
ADVANCED LIFE SCIENCE, ANIMALS, CC	ADVANCED ANIMAL SCIENCE	AGRI 107*#	IVY TECH-SELLERSBURG CHS TEACHER	10-12	3 CR/YR=	NO COST~ BOOK FEES ONLY	NONE
<b>Education and Training-CTE</b>							
PRINCIPLES OF TEACHING, CC	INTRODUCTION TO TEACHING	EDUC 101*#	IVY TECH-SELLERSBURG CHS TEACHER	10-12	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
CHILD & ADOLESCENT DEVELOPMENT, CC	CHILD & ADOLESCENT DEVELOPMENT	EDUC 121*#	IVY TECH-SELLERSBURG CHS TEACHER	10-12	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
TEACHING & LEARNING, CC TBD	THE EXCEPTIONAL CHILD	EDUC 230*#	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
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
English	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 "C" OR BETTER IN ENGL 111
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
ADV ENG-LANG ARTS, CC/INTRO TO LITERATURE	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>							
ADV FINE ARTS, CC/MUSIC HISTORY & APPRECIATION	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
DESIGN FUNDAMENTALS, CC	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
DIGITAL DESIGN, CC	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
Math	PRE-CALCULUS: Algebra, CC	COLLEGE ALGEBRA	MATH 136*#	IVY TECH-SELLERSBURG CHS TEACHER	11-12	3 CR/SEM=	NO COST~ BOOK FEES ONLY
	PRE-CALCULUS: Trigonometry, CC	TRIGONOMETRY WITH ANALYTIC GEOMETRY	MATH 137*#	IVY TECH-SELLERSBURG CHS TEACHER	11-12	3 CR/SEM=	NO COST~ BOOK FEES ONLY

ADV MATHEMATICS, CC/QUANTITATIVE REASONING	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
FINITE MATH, CC	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
CALCULUS I, CC	CALCULUS I	MATH 211*#	IVY TECH-SELLERSBURG ON-CAMPUS	11-12	4 CR/SEM=	NO COST~ BOOK FEES ONLY	MATH 136 and MATH 137 (COMPLETE) KNOWLEDGE ASSESSMENT: STEM 70
CALCULUS 2, CC	CALCULUS II	MATH 212*#	IVY TECH-SELLERSBURG ON-CAMPUS	11-12	4 CR/SEM=	NO COST~ BOOK FEES ONLY	MATH 136 and MATH 137 (COMPLETE) MATH 211 KNOWLEDGE ASSESSMENT: STEM 70
Multidisciplinary							
Career Information & Exploration, CC	Career Exploration	IVYT 106*	Ivy Tech-Sellersburg CCSC STAFF	10-12	1 CR/SEM (FALL)=	NO COST~	N/A
Science							
CHEMISTRY II, CC	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
ADV SCIENCE, CC/CHEMISTRY I	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
BIOLOGY II, C	INTRODUCTORY BIOLOGY	BIOL 101*#	IVY TECH-SELLERSBURG CHS TEACHER	10-12	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: 25 KNOWLEDGE ASSESSMENT: R/W 70, STEM 50 JUNIOR/SENIOR: 2.6, CORE 40, 4 SEM COMPLETED
ADV SCIENCE, CC/ANATOMY & PHYSIOLOGY I, II	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
Social Studies							
ECONOMICS, CC	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
PSYCHOLOGY, CC	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
US GOVERNMENT, CC	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

US HISTORY, CC	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
World Language	SPANISH LEVEL I, I, 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/SPANISH II, IV	FRENCH LEVEL I, I, 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
ADV WORLD LANGUAGE, CC/FRENCH II, IV							

## 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 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 ENGL 111 English Composition ENGL 215 Exposition and Persuasion <b>Quantitative Reasoning: 3-12 Credits</b> MATH 123 Quantitative Reasoning MATH 135 Finite Math MATH 136 College Algebra MATH 137 Trigonometry with Analytic Geometry MATH 211 Calculus I (4 credits) MATH 212 Calculus II (4 credits) <b>Scientific Ways of Knowing: 3-12 Credits</b> CHEM C101/C121 Elem Chemistry (IUS)-will count for CHEM 101 Intro Chem (3 credits) BIOL 101 Introductory Biology <b>Social &amp; Behavioral Ways of Knowing: 3-12 Credits</b> ECON 101 Principles of Macroeconomics HIST 101 Survey of American History I HIST 102 Survey of American History II POLS 101 Introduction to American Government and Politics PSYC 101 Introduction to Psychology <b>Humanistic &amp; Artistic Ways of Knowing: 3-12 Credits</b> ARTH 101 Art History-not currently offered ENGL 206 Introduction to Literature ENGL 202 Creative Writing FREN 101 French Level I (4 credits) FREN 102 French Level II (4 credits) FREN 201 French Level III FREN 202 French Level IV HUMA 118 Music Appreciation-not currently offered SPAN 101 Spanish Level I (4 credits) SPAN 102 Spanish Level II (4 credits) SPAN 201 Spanish Level III 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> IVYT 106 Career Exploration (1 credit) GENS 279 Liberal Arts Capstone Course (1 credit)</p> <p><b>Professional-Technical: 6 Credits</b> X ENGL 215 Exposition and Persuasion (See Column 1)-required for AGS X 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) Student Electives 100-Level or higher _____ APHY 101 Anatomy &amp; Physiology I APHY 102 Anatomy &amp; Physiology II EDUC 101 Introduction to Teaching EDUC 121 Child and Adolescent Development EDUC 230 The Exceptional Child EDUC 233 Literacy Development through Children's Literature VISC 101 Fundamentals of Design VISC 115 Intro to Computer Graphics</p>

\*For ICC, at least 1 course in each of the 6 categories must be completed for a minimum of 30 credits.

\*\*Courses listed are available with Clarksville Schools. Other courses are available upon request, if needed to fulfill AGS requirements.

**TOTAL ICC CREDITS** \_\_\_\_\_ **TOTAL AGS CREDITS** \_\_\_\_\_

## Graduation Pathways

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

<b>Graduation Pathway Bucket #1</b>	<b>Graduation Pathway Bucket #2</b>	<b>Graduation Pathway Bucket #3</b>
<b>Core 40</b>	<b>Project-Based Learning Experience</b>	<b>Honors Diploma</b>
<b>Core 40 with Academic Honors (AHD)</b>	<b>Service-Based Learning Experience</b>	<b>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)</b>
<b>Core 40 with Technical Honors (THD)</b>	<b>Work-Based Learning Experience</b>	<b>SAT: EBRW 480, Math 530</b>  <b>ASVAB: AFQT 31 (Army 31, Marines 31, Navy 35, Air Force 36, Coast Guard 45)</b>
		<b>State- and Industry-recognized Credential or Certification:</b> List on Website  <b>Federally-recognized Apprenticeship:</b> List on Website  <b>Career-Technical Education Concentrator (CTE):</b> C coverage 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 coverage 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 coverage 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): Civic Arts</b>

## Graduation Pathways (CTE)

Additional College & Career Information, including Quantitative Reasoning Courses

### Clusters/Pathways (State)

#### (CTE-CHS)

##### **Clarksville HS~**

Cluster: Agriculture, Food and Natural Resources

Career Pathway: Agriscience-Plants or Animals (Combined Animal, Plant, Food Products)

Cluster: Business Management & Administration

Pathway: Business Administration

Cluster: Education & Training

Pathway: Education Careers

Cluster: Finance

Pathway: Accounting

Cluster: Marketing

Pathway: Marketing & Sales

Cluster: STEM

Pathway: Computer Science

Cluster: STEM

Pathway: Engineering

(Locally Created-CHS)

Cluster: Civic Arts-Locally Created

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

#### Quantitative Reasoning Courses

Math or QR required all 4 years of HS

##### **Clarksville HS and Prosser~**

Advanced Accounting (4522)

Advanced Manufacturing (5652)

Chemistry I (3064)

Chemistry II (3066)

Computer Science (4801)

Economics (1514)

Integrated Chemistry-Physics (3108)

Physics I (3084) Offered online only

Personal Financial Responsibility (4540) Offered online only

Principles of Engineering (5644)

Robotics Design and Innovation (4728)

Architectural Drafting and Design (5652)

Construction Trades (5578)

Construction Technology: Electrical (4832)

Construction Technology: HVAC II (5498)

Diesel Services II (5624)

Landscape Management (5136)

Precision Machining (5784)

### Clusters/Pathways (State/Federal)

#### (CTE-State)

Advanced Manufacturing

Agriculture

Architecture & Construction

Arts, AV Technology & Communications

Business Management, Marketing, & Finance

Education & Training

FACS

Health Sciences

Hospitality

Human Services

Information Technology

Law & Public Safety

STEM (Science, Technology, Engineering, Math)

Transportation

#### (CTE-Federal)

Agriculture, Food & Natural Resources

Architecture & Construction

Arts, AV Technology & Communications

Business Management & Administration

Education & Training

Finance

Government & Public Administration

Health Science

Hospitality & Tourism

Human Services

Information Technology

Law, Public Safety, Corrections & Security

Manufacturing

Marketing

Science, Technology, Engineering & Mathematics

Transportation, Distribution & Logistics

#### (Certifications-TBD)

Microsoft Office Expert (Excel)

Microsoft Office Expert (Outlook, Access, or Powerpt & Excel)

Microsoft Office Specialist (MOS) (3 of 7 and Excel)

Child Development Associate (CDA) (Preschool only)

Computer Science (Multiple)

Prosser (Multiple)

## → Graduation Pathways-CHS (CTE & Civic Arts)

<p><b>Bucket #3 Graduation Pathways-Principles, Concentrator A &amp; B-must be completed with C- or higher</b></p> <p><b>Cluster: Agriculture, Food and Natural Resources</b>  <b>Career Pathway: Agriscience-Plants or Animals (Combined Animal, Plant, Food Products)</b></p> <p><b>Principles-Level I:</b> 7117 Principles of Agriculture  <b>CTE Concentrator A-Level I:</b> 5008 Animal Science  <b>CTE Concentrator B-Level I:</b> 5070 Advanced Life Science, Animals  <b>Pathway Capstone-Level II:</b> Agricultural Research Capstone (not required)</p>	<p><b>Cluster: STEM</b>  <b>Career Pathway: Engineering</b></p> <p><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)</p>	<p><b>Cluster: Finance</b>  <b>Career Pathway: Accounting</b></p> <p><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)</p>	<p><b>Cluster: Business Management &amp; Administration</b>  <b>Career Pathway: Business Administration</b></p> <p><b>Principles-Level I:</b> 4562 Principles of Business Management  <b>CTE Concentrator A-Level I:</b> 5914 Marketing Fundamentals or 7143 Management Fundamentals  <b>CTE Concentrator B-Level I:</b> 4524 Accounting Fundamentals  <b>Pathway Capstone-Level II:</b> 7256 Business Administration Capstone (not required)</p>	<p><b>Cluster: Marketing</b>  <b>Career Pathway: Marketing and Sales</b></p> <p><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)</p>	<p><b>Civic Arts Pathway</b>  All programs must include:</p> <ol style="list-style-type: none"> <li>1. 4562 Principles of Business Management or 7161 Principles of Teaching/Principles of Teaching CC</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> <ul style="list-style-type: none"> <li>• <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, 4834 Design Fundamentals/Design Fundamentals CC, 4082 Digital Design/Digital Design CC</li> <li>• <b>Choir</b>  Introduction/Intermediate: 4182 Beginning Chorus, 4186 Intermediate Chorus, 4180 Choral Chamber Ensemble, 4208 Music Theory &amp; Composition Advanced: 4188 Adv Choir, 4180 Choral Chamber Ensemble, 4206 Music History &amp; Appreciation, 4260 Adv Fine Arts-Music History CC</li> <li>• <b>Theatre</b>  Introduction/Intermediate: 0518 Musical Theatre, 4242 Theatre Arts, 4244 Technical Theatre, 4248 Theatre Production Advanced: 4240 Adv Theatre Arts, 4252 Adv Technical Theatre, 4250 Adv Acting, 4266 Music History &amp; Appreciation, 4260 Adv Fine Arts-Music History CC</li> </ul>
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## Graduation Pathways-Processor (CTE)

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

Cluster	Career Pathway	DOE Code	Principles-Level 1		DOE Code <u>Pathway Capstone-Level II</u> (2nd Year, 1 Credit each semester, 3 Credits each semester for Capstone, PM)
			CTE Concentrator A-Level 1	CTE Concentrator B-Level 1	
			(1st Year, 1 Credit each semester, AM)	(1st Year, 1 Credit each semester, AM)	
Advanced Manufacturing	<b>Automation and Robotics</b> (Certifications: NCCER 1, SIEMENS)	7108 7103 7106	Principles of Advanced Manufacturing Advanced Manufacturing Technology Mechatronics Systems	7224	Industrial Automation and Robotics 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
	<b>Landscaping</b>	7117 5132 7115	Principles of Agriculture Horticultural Science Landscape and Turf Management	7234	Landscape Management Capstone
Architecture and Construction	<b>Construction Trades-Carpentry</b> (Certifications: NCCER Core, Carpentry Level 1, Carpentry Level 2)	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> (Certifications: NCCER Electrical 1, SACA C202, C206, C207)	7124 7119	Principles of Construction Trades Electrical Fundamentals Advanced Electrical	7263	Construction Trades Electrical Capstone
	<b>Heavy Equipment/Highway</b> (Certifications: NCCER Core, Operator 1, Operator 2)	7130 7121 7118	Principles of Construction Trades Civil Construction Fundamentals Advanced Civil Construction	7240	Civil Construction Capstone
Arts, AV Tech, and Communications	<b>Construction Trades-HVAC Technology</b> (Certifications: HVAC Excellence)	7131 7125 7126	Principles of HVAC HVAC Fundamentals HVAC Service	7244	HVAC Capstone
	<b>Digital Design-Interactive Media</b> (Year 1)	7140 7141 7138	Principles of Digital Design Digital Design Graphics Interactive Media Design		NO 2ND YEAR
	<b>Entrepreneurship</b> (Year 1) <b>Marketing and Sales</b> (Year 2)	7154 7148 7147	Principles of Entrepreneurship New Venture Development Small Business Operations	4562 5914 5918	Principles of Business Management Marketing Fundamentals Strategic Marketing
Marketing	<b>Early Childhood</b> (Certifications: CDA)	7160 7158	Principles of Early Childhood Education Early Childhood Education Curriculum	7259	Early Childhood Education Capstone (TBD)

Health Sciences	<b>Dental Careers</b> (Certifications: NELDA, LRC)	7159	Early Childhood Education Guidance	7318	Dental Careers Capstone
	<b>Certified Nursing Aide (CNA)</b> (Year 1, AM) (Certifications: CNA, Dementia Care, CPR)	7315 7316 7317	Principles of Dental Careers Dental Careers Fundamentals Advanced Dental Careers		
	<b>Certified Clinical Medical Assistant (CCMA)</b> (Year 2, PM) (Certifications: CMA, CPT)	7168 5274 7166	Principles of Healthcare Medical Terminology Healthcare Specialist: CNA		
	<b>CNA Plus</b> (Year 2, PM)			7255	Healthcare Specialist Capstone
	<b>Pre-Nursing</b> (Year 2, PM)			7255	Healthcare Specialist Capstone
	<b>Pharmacy Technician</b> (1 Year, After School) (Certifications: Pharmacy Tech)			7168 5274 7167	Principles of Healthcare Medical Terminology Pharmacy Tech
	<b>Central Service Tech/Surgical Tech</b> (Sterile Processing)	7168 5274 7163	Principles of Healthcare Medical Terminology Central Service Technician Fundamentals	7257	Central Service Technician Capstone (Both, 1, 3)
	<b>Culinary Arts</b> (Certifications: ProStart Certification)	7173 7171 7169	Principles of Culinary and Hospitality Nutrition Culinary Arts	7233	Culinary Arts
	<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>Information Technology Operations-Cybersecurity</b> (Certifications: A+, Network+, Security+)	7183 7180 7181	Principles of Computing Information Technology Fundamentals Networking and Cybersecurity Operations	7249	IT Operations; Cybersecurity Operations Capstone
	<b>Networking</b> (Certifications: A+, CCNA, ITF+, Network+)	7183 7180 7182	Principles of Computing Information Technology Fundamentals Networking Fundamentals	7251	Networking Capstone
	<b>Software Development-Programming</b> (Certifications: CIW)	7183 7185 7184	Principles of Computing Website and Database Development Software Development	7253	Software Development Capstone
Law, Public Safety, Corrections, and Security	<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>	7195	Principles of Fire and Rescue	7229	Fire and Rescue Capstone

	(Certifications: Firefighter I, Firefighter II, Hazmat A, EMT)	7189 7186	Fire Fighting Fundamentals Advanced Fire Fighting	
STEM	<b>Design Technology-Drafting</b> (Certifications: Certified Solidworks Associate)	4802 7196 7197	Introduction to Engineering Design Mechanical and Architectural Design BIM Architecture	7225 Architectural Design Capstone
Transportation, Distribution, and Logistics	<b>Automotive Collision Repair</b> (Certifications: ICAR Auto Collision)	7215 7204 7206	Principles of Collision Repair Automotive Body Repair Plastic Body Repair and Painting Fundamentals	7380 Collision Repair Capstone
	<b>Automotive Services</b>	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	7218 Aviation Management Capstone
	(Certifications: Part 107 Commercial Drone Operator)			
	<b>Diesel Services</b>	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

<b>Cluster:</b> Agriculture, Food and Natural Resources
<b>Career Pathway:</b> Agriscience-Plants or Animals (Combined Animal, Plant, Food Products)
<b>Principles-Level I:</b> 7117 Principles of Agriculture
<b>CTE Concentrator A-Level I:</b> 5008 Animal Science
<b>CTE Concentrator B-Level I:</b> 5070 Advanced Life Science, Animals
<b>Pathway Capstone-Level II:</b> 7262 Agricultural Research Capstone (not required)

Recommended Prerequisites: Introduction to Agriculture			
Options:	Grade 9	Grade 10	Grade 11
Plan A	Principles of Agriculture	Animal Science (3rd Science)	Food Science
Plan B		Principles of Agriculture	Animal Science
Plan C		Principles of Agriculture	Animal Science (3rd Science)
Plan D			Advanced Life Science, Animals (3rd Science)

### Cluster: Education & Training

**Career Pathway:** Education Careers

**Principles-Level I:** 7161 Principles of Teaching

**CTE Concentrator A-Level I:** 7157 Child & Adolescent Development

**CTE Concentrator B-Level I:** 7162 Teaching and Learning

**Pathway Capstone-Level II:** 7267 Education Professions Capstone (not required)

Recommended Prerequisites: None			
Options:	Grade 9	Grade 10	Grade 11
Plan A		Principles of Teaching	Child & Adolescent Development
Plan B		Principles of Teaching	Child & Adolescent Development
Plan C			Teaching & Learning
			Principles of Teaching
			Child & Adolescent Development
			Teaching & Learning

### Cluster: Education & Training

**Career Pathway:** Early Childhood

**Principles-Level I:** 7160 Principles of Early Childhood Education

**CTE Concentrator A-Level I:** 7158 Early Childhood Education Curriculum

**CTE Concentrator B-Level I:** 7159 Early Childhood Education Guidance

**Pathway Capstone-Level II:** 7259 Early Childhood Education Capstone (not required)

Recommended Prerequisites: None			
Options:	Grade 9	Grade 10	Grade 11
Plan A		Principles of Early Childhood Education	Early Childhood Education Curriculum
Plan B		Principles of Early Childhood Education	Early Childhood Education Curriculum
Plan C			Principles of Early Childhood Education
			Early Childhood Education Guidance
			Early Childhood Education Guidance

**Cluster: STEM****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: STEM****Career Pathway: Computer Science**

Principles-Level I: 7183 Principles of Computing

CTE Concentrator A-Level I: 7351 Topics in Computer Science

CTE Concentrator B-Level I: 7352 Computer Science

Pathway Capstone-Level II: 7353 Computer Science Capstone (not required)

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)

**Cluster: Finance**

Career Pathway:

**Accounting**

Principles-Level I: 4562 Principles of Business Management

CTE Concentrator A-Level I: 4524 Accounting Fundamentals

CTE Concentrator B-Level I: 4522 Advanced Accounting

Pathway Capstone-Level II: 7252 Accounting Capstone (not required)

## Recommended Prerequisites: Digital Applications &amp; 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)

**Cluster: Business Management & Administration**Career Pathway: **Business Administration**

Principles-Level I: 4562 Principles of Business Management

CTE Concentrator A-Level I: 5914 Marketing Fundamentals

CTE Concentrator B-Level I: 4524 Accounting Fundamentals

Pathway Capstone-Level II: 7256 Business Administration Capstone (not required)

## Recommended Prerequisites: Digital Applications &amp; Responsibility

Options:	Grade 9	Grade 10	Grade 11	Grade 12
Plan A	Principles of Business Management	Marketing Fundamentals	Marketing Fundamentals	Accounting Fundamentals
Plan B	Principles of Business Management	Marketing Fundamentals	Accounting Fundamentals	
Plan C		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

**Cluster: Marketing**Career Pathway: **Marketing and Sales**

Principles-Level I: 4562 Principles of Business Management

CTE Concentrator A-Level I: 5914 Marketing Fundamentals

CTE Concentrator B-Level I: 7145 Digital Marketing

Pathway Capstone-Level II: 7201 Business Management Capstone (not required)

## Recommended Prerequisites: Digital Applications &amp; Responsibility

Options:	Grade 9	Grade 10	Grade 11	Grade 12
Plan A	Principles of Business Management	Marketing Fundamentals	Digital Marketing	Digital Marketing
Plan B		Principles of Business Management	Marketing Fundamentals	Digital Marketing

# DIPLOMA TRACK PLANNING GUIDE

Four-Year Example Plans, see list for graduation pathways & electives

<b>Core 40</b>		
	<b>Grade 9</b>	<b>Grade 10</b>
1	English 9	English 10
2	Algebra I	Geometry
3	Biology	Chemistry (or Integrated Chem/Phys)
4	Graduation Pathway	World History
5	PE or Elective PE if athlete (Health)	Graduation Pathway
6	Personal Financial Responsibility	Elective
7	Elective	Elective

## **Core 40--Prosser Track**

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

## **Core 40 with Academic Honors (C- or better in all classes required to graduate, not all DC required)**

<b>Grade 9</b>		
	<b>Grade 10</b>	<b>Grade 11</b>
1	English 9	English 10 Honors
2	Algebra I (Geometry H)	Geometry H (Algebra II H)
3	Biology	Chemistry DC
4	Graduation Pathway	World History
5	PE or Elective PE if athlete (Health)	World Language II (III DC)
6	World Language I (II)	Graduation Pathway
7	Personal Financial Responsibility	Elective

## **Core 40 with Technical Honors—Prosser or CTE Track (C- or better in all classes required to graduate, not all DC required)**

<b>Grade 9</b>		
	<b>Grade 10</b>	<b>Grade 11</b>
1	English 9	English 10 Honors
2	Algebra I (Geometry or Geom H)	Geometry or Geom H (Algebra II or Alg II H)
3	Biology	Chemistry DC
4	Graduation Pathway	World History
5	PE or Elective PE if athlete (Health)	3 <sup>rd</sup> Science DC
6	Personal Financial Responsibility	Graduation Pathway
7	Elective	Elective

## Certificate of Completion/Alternate Diploma--Significant Cognitive Disabilities Only

	<b>Grade 9</b>	<b>Grade 10</b>	<b>Grade 11</b>	<b>Grade 12</b>
1	English 9 Applied Algebra I Applied	English 10 Applied Algebra I Applied	English 11 Applied Geometry Applied	English 12 Applied Geometry Applied
2	Biology I Applied	Biology I Applied	Physical Science Applied	Earth Space Science Applied
3	Geography & History of World Applied	Geography & History of World Applied	US History Applied	US Government Applied/Economics Applied
4	Basic Skills Applied	Basic Skills Applied	Basic Skills Applied	Basic Skills Applied
5	PE Applied	Health Applied	Elective	Elective
6	Elective	Elective	Elective	Elective

## Flex 40 GPS

	<b>Grade 9</b>	<b>Grade 10</b>	<b>Grade 11</b>	<b>Grade 12</b>
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

	<b>Grade 9</b>	<b>Grade 10</b>	<b>Grade 11</b>	<b>Grade 12</b>
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

## ► Applied Courses for SpEd

Courses for Students on Certificate of Completion, a framework for aligning curriculum to grade level standards while meeting the individual goals & transition needs of IEP

4512AA/B	Applied Business Math	4 Units
4540AA/B	Applied Personal Financial Responsibility	2 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
3506AA/B	Applied Health & Wellness Education	2 Units
2520AA/B	Applied Algebra I	4 Units
2532AA/B	Applied Geometry	4 Units

0500AA/B	Applied Basic Skills	8 Units
0522AA/B	Applied Career Information & Exploration	4 Units
3542AA	Applied Physical Education I	2 Units
3544AB	Applied Physical Education II	2 Units
3560AA/B	Applied Elective Physical Education	8 Units
3024AA/B	Applied Biology	4 Units
3044AA/B	Applied Earth-Space Science I	4 Units
3102AA/B	Applied Physical Science	2 Units
1514A	Applied Economics	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
5902AA/B	Applied Interdisciplinary Cooperative Education	6 Units
4200AA/B	Applied Music	8 Units

## CHS Course List

### AGRICULTURE, FOOD, & NATURAL RESOURCES-CTE

- 5008 - Animal Science  
5008CC - Animal Science AGRI 103  
5070 - Advanced Life Science, Animals  
5070CC - Advanced Life Science, Animals AGRI 107  
7117 - Principles of Agriculture  
7262 - Agricultural Research Capstone

### BUSINESS, MARKETING, & ENTREPRENEURSHIP-CTE

- 4522 - Adv Accounting  
4524 - Accounting Fundamentals  
4562 - Principles of Business Mgmt  
5914 - Marketing Fundamentals  
5918 - Strategic Marketing  
7143 - Management Fundamentals  
7145 - Digital Marketing  
7201 - Business Management Capstone  
7252 - Accounting Capstone  
7256 - Business Administration Capstone

### WORK BASED LEARNING-CTE

- 4540 - Personal Financial Responsibility  
5394 - Prep for College/Careers (8th Grade)

### EDUCATION & TRAINING-CTE

- 7157 - Child & Adolescent Development  
7157CC - Child & Adolescent Develop (Child & Adolescent Develop)  
EDUC 121  
7158 - Early Childhood Education Curriculum  
7159 - Early Childhood Education Guidance  
7160 - Principles of Early Childhood Education  
7161 - Principles of Teaching  
7161CC - Principles of Teaching (Intro to Teaching) EDUC 101  
7162 - Teaching & Learning  
7162CC - Teaching & Learning (The Exceptional Child) EDUC 230  
7259 - Early Childhood Education Capstone  
7267 - Education Professions Capstone  
7267CC - Education Professions Capstone (Literacy Develop through Children's Lit) EDUC 233

### HEALTH SCIENCE-CTE

- See Anatomy, Science  
4160 - Beginning Concert Band  
4164 - Jazz Ensemble

### INFORMATION TECH-CTE

- 7183 - Principles of Computing  
4802 - Intro to Engineering Design

### STEM-CTE

- 4802 - Intro to Engineering Design

### 4803 - Intro to Computer Science (8th Grade)

- 4818 - Environmental Sustainability  
5644 - Principles of Engineering  
5698 - Engineering Design & Development  
7351 - Topics in Computer Science  
7352 - Computer Science  
7353 - Computer Science Capstone

### 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 11/(Rhetoric & Argument)  
ENGL 215  
1008 - English 12  
1008CC - English 12,(Eng Comp) ENGL 11/(Rhetoric & Argument)  
ENGL 215  
1012 - English as a New Language  
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  
4082 - Digital Design  
4082CC - Digital Design (Vector Graphics & Publication) VISC 115  
4834 - Design Fundamentals  
4834CC - Design Fundamentals (Design Fundamentals) VISC 101

### FINE ARTS—MUSIC

- 4160 - Beginning Concert Band  
4164 - Jazz Ensemble  
4168 - Intermediate Concert Band  
4170 - Advanced Concert Band  
4180 - Choral Chamber Ensemble  
4182 - Beginning Chorus  
4186 - Intermediate Chorus  
4188 - Advanced Chorus  
4206 - Music History & Appreciation  
4260CC - Music History, Adv Fine Arts (Music Apprec) HUMA 118  
**FINE ARTS—THEATRE**  
0518 - Musical Theatre (8th Grade)  
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  
3542ASPE - Alternative Supervised PE I  
3544 - Physical Education II  
3544ASPE - Alternative Supervised PE II  
3560 - Elective Physical Education  
**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  
0522 - Career Info & Exploration IVWT 106  
0532 - College Entrance Prep  
0539 - Serviced Based Learning  
0543 - Work Based Learning Lvl 1

**SCIENCE**

- 3010 - Environmental Science
- 3024 - Biology I
- 3026 - Biology II
- 3026CC - Biology II (Intro to Bio) BIOL 101
- 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

**OTHER**

- (General Studies Capstone) GENS 279

**SOCIAL STUDIES**

- 1512 - Current Problems, Issues, & Events
- 1514 - Economics
- 1514CC - Economics (Econ Fund) ECON 101
- 1516 - Ethnic Studies
- 1518 - Indiana Studies
- 1532 - Psychology
- 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)
- 2028CC - 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