

# NEED-TO-KNOW INFO

**DUAL CREDIT COURSE OFFERINGS/ COLLEGE CREDIT COURSE OFFERINGS/ IVY TECH TECHNICAL CERTIFICATE/ IVY TECH ASSOCIATE OF GENERAL STUDIES/ CTE/ QUANTITATIVE REASONING/ GRADUATION PATHWAYS/ APPLIED COURSES FOR SPED/ FOUR-YEAR PLAN**

**#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. Courses offered through Prosser Career Center.)

**~PRICE SUBJECT TO CHANGE ACCORDING TO INDIANA CODE/UNIVERSITY INCREASES, STUDENT IS RESPONSIBLE FOR COST OF TEXTS AND COST OF COURSE IF GRADE <C- =2019-20 TUITION COSTS IF COURSE TAKEN AT COLLEGE/UNIVERSITY:** Ivy Tech Community College \$140.61/credit hour, IUS \$229.83/credit hour

## CHS 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. \*Revised 2019-20

HS COURSE	COLLEGE COURSE TITLE	COLLEGE COURSE	UNIVERSITY	GRADE	CREDITS	COST	ENTRANCE REQUIREMENTS
<b>PREP FOR COLLEGE &amp; CAREERS, CC</b>	STUDENT SUCCESS IN UNIVERSITY TRANSFER	IVYT 111	Ivy Tech-Sellersburg RA TEACHER	9-12	1 CR/SEM=	NO COST~	N/A
<b>INTRO TO ADV MANUFACTURING &amp; LOGISTICS, CC</b>	INTRODUCTION TO PLANT FLOOR & CNC, INTRODUCTION TO WORKPLACE & SAFETY	MPRO 100, MPRO 106	IVY TECH-SELLERSBURG CHS TEACHER	10-12	3 CR/SEM=	NO COST~ BOOK FEES ONLY	NONE
<b>ADVANCED MANUFACTURING 1, CC</b>	INTRODUCTION TO PRINT READING, MECHATRONICS ELECTRICAL SYSTEMS	MPRO 102, MPRO 122	IVY TECH-SELLERSBURG CHS TEACHER	11-12	3 CR/SEM=	NO COST~ BOOK FEES ONLY	MPRO 100, MPRO 106
<b>ENG 11, CC SEM 1 (OR ENG 12, CC SEM 1 IF NECESSARY)</b>	ENGLISH COMPOSITION	ENG 111*#	IVY TECH-SELLERSBURG ON-CAMPUS	11-12	3 CR/SEM=	NO COST~ BOOKS ONLY	SAT R/W: 25/27 ACT R/E: 18/17 PSAT R/W: 25/26 ACCUPLACER R/SS: 76/80 JUNIOR/SENIOR: 2.6, CORE 40, 4 SEM COMPLETED
<b>ENG 11, CC SEM 2 (OR ENG 12, CC SEM 1 IF NECESSARY)</b>	RHETORIC & ARGUMENT	ENGL 215*#	IVY TECH-SELLERSBURG ON-CAMPUS	11-12	3 CR/SEM=	NO COST~ BOOKS ONLY	SAT R/W: 25/27 ACT R/E: 18/17 PSAT R/W: 25/26 ACCUPLACER R/SS: 76/80 JUNIOR/SENIOR: 2.6, CORE 40, 4 SEM COMPLETED "C-" OR BETTER IN ENGL 111
<b>ADV SPEECH &amp; COMMUNICATION, CC</b>	FUNDAMENTALS OF PUBLIC SPEAKING	COMM 101*#	IVY TECH-SELLERSBURG ON-CAMPUS	11-12	3 CR/SEM=	NO COST~ BOOKS ONLY	SAT R/W: 25/27 ACT R/E: 18/17 PSAT R/W: 25/26 ACCUPLACER R/SS: 76/80 JUNIOR/SENIOR: 2.6, CORE 40, 4 SEM COMPLETED
<b>ADV ENG-LANG ARTS, CC/CREATIVE WRITING</b>	CREATIVE WRITING	ENGL 202*#	IVY TECH-SELLERSBURG	12	3 CR/SEM=	NO COST~ BOOKS ONLY	SAT R/W: 25/27 ACT R/E: 18/17

			ON-CAMPUS				PSAT R/W: 25/26 ACCUPLACER R/SS: 76/80 JUNIOR/SENIOR: 2.6, CORE 40, 4 SEM COMPLETED PREREQ: 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~ BOOKS ONLY	SAT R/W: 25/27 ACT R/E: 18/17 PSAT R/W: 25/26 ACCUPLACER R/SS: 76/80 JUNIOR/SENIOR: 2.6, CORE 40, 4 SEM COMPLETED PREREQ: ENGL 111
<b>ADV FINE ARTS, CC/ART HISTORY</b>	SURVEY OF ART & CULTURE I	ARTH 101#	IVY TECH-SELLERSBURG POL OR ON-CAMPUS	12	3 CR/SEM=	NO COST~ BOOKS ONLY	SAT R/W: 25/27 ACT R/E: 18/17 PSAT R/W: 25/26 ACCUPLACER R/SS: 76/80 JUNIOR/SENIOR: 2.6, CORE 40, 4 SEM COMPLETED
<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~ BOOKS ONLY	SAT R/W: 25/27 ACT R/E: 18/17 PSAT R/W: 25/26 ACCUPLACER R/SS: 76/80 JUNIOR/SENIOR: 2.6, CORE 40, 4 SEM COMPLETED
<b>PRE-CALCULUS, 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 ACCUPLACER EA: 74
<b>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 ACCUPLACER EA: 74
<b>ADV MATHEMATICS, CC/QUANTITATIVE REASONING</b>	QUANTITATIVE REASONING	MATH 123*#	IVY TECH-SELLERSBURG ON-CAMPUS	11-12	3 CR/SEM=	NO COST~ BOOKS ONLY	SAT M: 550 ACT M: 24 PSAT M: 27 ACCUPLACER EA: 74
<b>FINITE MATH, CC</b>	FINITE MATH	MATH 135*#	IVY TECH-SELLERSBURG ON-CAMPUS	11-12	3 CR/YR=	NO COST~ BOOKS ONLY	SAT M: 550 ACT M: 24 PSAT M: 27 ACCUPLACER EA: 74
<b>CALCULUS I, CC</b>	CALCULUS I	MATH 211*#	IVY TECH-SELLERSBURG ON-CAMPUS	11-12	4 CR/SEM=	NO COST~ BOOKS ONLY	ACCUPLACER: CLM 61 IDOE/ITCC ACCUPLACER CUSTOM CLM: 61 MATH 136 and MATH 137 (COMPLETE)
<b>CALCULUS 2, CC</b>	CALCULUS II	MATH 212*#	IVY TECH-SELLERSBURG ON-CAMPUS	11-12	4 CR/SEM=	NO COST~ BOOKS ONLY	ACCUPLACER: CLM 61 IDOE/ITCC ACCUPLACER CUSTOM CLM: 61 MATH 136 and MATH 137 (COMPLETE) MATH 211
<b>CHEMISTRY II, CC</b>	ELEMENTARY CHEMISTRY I W/LAB	CHEM C101/C121*#	INDIANA (ACP) RA TEACHER	11-12	5 CR/YR=	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=	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/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 ACCUPLACER R/SS: 76/80; EA: 40 OR ARITH: 60

<b>ANATOMY &amp; PHYSIOLOGY</b>	ANATOMY & PHYSIOLOGY I	APHY 101*#	IVY TECH-SELLERSBURG CHS TEACHER	10-12	3 CR/SEM=	NO COST~ BOOK FEES ONLY	JUNIOR/SENIOR: 2.6, CORE 40, 4 SEM COMPLETED SAT R/W: 25/27; M 500 ACT R/E: 18/17; M: 18 PSAT R/W: 25/26; M: 25 ACCUPLACER R/SS: 76/80; EA: 40 OR ARITH: 60 JUNIOR/SENIOR: 2.6, CORE 40, 4 SEM COMPLETED
<b>ADV SCIENCE, CC/ANATOMY II</b>	ANATOMY & PHYSIOLOGY II	APHY 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 ACCUPLACER R/SS: 76/80; EA: 40 OR ARITH: 60 JUNIOR/SENIOR: 2.6, CORE 40, 4 SEM COMPLETED
<b>ECONOMICS, CC</b>	MACROECONOMICS	ECON 201*#	IVY TECH-SELLERSBURG ON-CAMPUS	12	3 CR/YR=	NO COST~ BOOKS ONLY	SAT R/W: 25/27; M 500 ACT R/E: 18/17; M: 18 PSAT R/W: 25/26; M: 24.5 ACCUPLACER R/SS: 76/80; EA: 40 OR ARITH: 60 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~ BOOKS ONLY	SAT R/W: 25/27 ACT R/E: 18/17 PSAT R/W: 25/26 ACCUPLACER R/SS: 76/80 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~ BOOKS ONLY	SAT R/W: 25/27 ACT R/E: 18/17 PSAT R/W: 25/26 ACCUPLACER R/SS: 76/80 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~ BOOKS ONLY	SAT R/W: 25/27 ACT R/E: 18/17 PSAT R/W: 25/26 ACCUPLACER R/SS: 76/80 JUNIOR/SENIOR: 2.6, CORE 40, 4 SEM COMPLETED
<b>ADV WORLD LANGUAGE, CC/SPANISH III, IV</b>	SPANISH LEVEL I, II, III,IV	SPAN 101*#, 102*#, 201*#, 202*#	IVY TECH-SELLERSBURG ON-CAMPUS OR CHS TEACHER	10-12	101 & 102: 4 CR/SEM= 201 & 202: 3 CR/SEM=	NO COST~ BOOKS ONLY	SAT R/W: 25/27 ACT R/E: 18/17 PSAT R/W: 25/26 ACCUPLACER R/SS: 76/80 JUNIOR/SENIOR: 2.6, CORE 40, 4 SEM COMPLETED
<b>ADV WORLD LANGUAGE, CC/FRENCH III, IV</b>	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 ACCUPLACER R/SS: 76/80 JUNIOR/SENIOR: 2.6, CORE 40, 4 SEM COMPLETED

## CHS College Credit Course Offerings

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

<b>N/A</b>	General Studies Capstone	GENS 279	Ivy Tech-Sellersburg RA TEACHER	Graduation Year	1 CR/SEM=	NO COST~	N/A
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## Ivy Tech Technical Certificate/Associate of General Studies

Opportunity to receive a technical certificate or an associate degree through Ivy Tech while attending High School

<b>Technical Certificate of General Studies (STGEC) =30 Credits</b>	<b>Associate of General Studies (AGS) =60 Credits</b>
<p><b>Speaking &amp; Listening: 3-6 Credits</b>                      COMM 101 Fundamentals of Public Speaking</p> <p><b>Written Communication: 3 Credits</b>                      ENGL 111 English Composition</p> <p><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)</p> <p><b>Scientific Ways of Knowing: 3-12 Credits</b>                      CHEM C101/C121 Elementary Chemistry (IUS) will count for CHEM 111 Chemistry I (3 credits)                      BIOL 101 Introductory Biology</p> <p><b>Social &amp; Behavioral Ways of Knowing: 3-12 Credits</b>                      ECON 201 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</p> <p><b>Humanistic &amp; Artistic Ways of Knowing: 3-12 Credits</b>                      ARTH 101 Survey of Art and Culture                      ENGL 202 Creative Writing                      ENGL 206 Introduction to Literature                      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                      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 Technical Certificate of General Studies plus the following:</b></p> <p><b>Other Institutional Requirements: 2 Credits</b>                      IVYT 111 Student Success in University Transfer (1 credit)                      GENS 279 Liberal Arts Capstone Course (1 credit)</p> <p><b>Professional-Technical: 6 Credits</b>                      ENGL 112 Exposition and Persuasion                      POLS 101 Introduction to American Government &amp; Politics</p> <p><b>Statewide Electives: 22 Credits</b>                      Student Electives 100-Level or higher</p> <p>*Elective is defined as a course chosen by the students and no more than 15 credit hours maximum can be acquired in any single course prefix.</p>

## → CTE/Quantitative Reasoning/Graduation (Career) Pathways

Additional College & Career Information

### CTE Courses (Career-Technical Education)

#### Clarksville HS/RA~

Advanced Accounting  
Advanced Manufacturing I  
Advanced Manufacturing II  
Anatomy and Physiology  
Computer Science I  
Computer Science II  
Environmental Sustainability  
Freshman Seminar  
Introduction to Accounting  
Introduction to Advanced Manufacturing and Logistics  
Introduction to Business  
Introduction to Computer Science  
Introduction to Engineering Design non PLTW  
Preparing for College and Careers  
Principles of Business Management  
Principles of Engineering non-PLTW  
Principles of Marketing

#### Prosser~

Architectural Drafting & Design  
Automotive Collision Repair  
Automotive Services Technology  
Aviation Flight/Operations  
Business & Marketing Capstone  
Computer Networking  
Computer Programming/Databases  
Construction Trades  
Cosmetology  
Criminal Justice  
Culinary Arts & Hospitality  
Dental Careers  
Diesel Service Technology  
Electrical/Industrial Repair & Maintenance  
Entrepreneurship & New Ventures  
Fire & Rescue/EMT  
Health Science  
Heavy Equipment Operator  
Horticulture Science  
HVAC  
Interactive Media  
Landscape Management  
Networking  
Precision Machining  
Pharmacy  
Strategic Marketing & Merchandising  
Welding Technology

### Quantitative Reasoning Courses

Students are required to have a math or Quantitative Reasoning course all four years of high school.

#### Clarksville HS/RA~

Advanced Accounting (4522)  
Advanced Manufacturing II (5652)  
Chemistry I (3064)  
Chemistry II (3066)  
Computer Science I (4801)  
Computer Science III: Databases (5250)  
Economics (1514)  
Integrated Chemistry-Physics (3108)  
Physics I (3084) *Offered online only*  
Personal Financial Responsibility (4540) *Offered online only*  
Principles of Engineering (5644)

#### Prosser Courses~

Architectural Drafting and Design II (5652)  
Construction Trades II (5578)  
Construction Trades: Electrical II (4832)  
Construction Trades: HVAC II (5498)  
Diesel Services II (5624)  
Landscape Management (5136)  
Precision Machining I (5782)  
Precision Machining II (5784)

### Graduation (Career) Pathways (State)

(CTE-Prosser)

#### Prosser~

Agriculture  
Architecture & Construction  
Arts, AV Technology & Communications  
Business & Marketing  
Education & Training  
Health Science  
Hospitality & Human Services  
Information Technology  
Manufacturing & Logistics  
Public Safety  
STEM (Science, Technology, Engineering, Math)  
Transportation & Logistics

(CTE-CHS/RA)

#### Clarksville HS/RA~

Cluster: Business & Marketing  
*Pathways: Accounting, Entrepreneurship and Management-Business Management Focus, Marketing Management-Marketing*  
Cluster: Health Science  
*Pathways: Nursing, Pharmacy*  
Cluster: Manufacturing & Logistics  
*Pathways: Advanced Manufacturing (Connexus), Machine Technology, Welding*  
Cluster: STEM/Information Technology  
*Pathways: Computer Science, Networking*  
Cluster: STEM  
*Pathways: Engineering*

(Locally Created-CHS/RA)

#### Clarksville HS/RA~

Cluster: Civic Arts-Locally Created  
*Pathways: Civic Arts-Band, Civic Arts-Art, Civic Arts-Theatre, Civic Arts-Choir*

## Graduation Pathways

All 3 buckets must be complete to graduate (Class of 2023)

Graduation Pathway Bucket #1	Graduation Pathway Bucket #2	Graduation Pathway Bucket #3
<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:</b> 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>Core 40 with Technical Honors (THD)</b>	<b>Work-Based Learning Experience</b>	<b>SAT:</b> EBRW 480, Math 530
		<b>ASVAB:</b> AFQT 31 (Army 31, Marines 31, Navy 35, Air Force 36, Coast Guard 45)
		<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 average in at least two non-duplicative advanced courses (courses beyond an introductory course) 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 requirement. 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

## ➔ Career-Technical Education Concentrator (CTE)

Bucket #3 of Graduation Pathways-advanced courses marked as concentrator A and B

Cluster	Pathway/Program of Study	DOE Code	Introductory Courses, Concentrator Course A, Concentrator Course B
Business and Marketing	Accounting	4528	Digital Applications & Responsibility (8 <sup>th</sup> Grade Course)
		5394	Preparing for College and Careers (8 <sup>th</sup> Grade Course)
		4518	Introduction to Business
		4524	Introduction to Accounting
		CHS/RA Path 4562	Principles of Business Management (Concentrator A)
		CHS/RA Path 4522	Advanced Accounting (Concentrator B)
		5914	Principles of Marketing
	Entrepreneurship & Management-Business Management Focus	Prosser Path 5914/5966	Digital Applications and Responsibility>Preparing for College and Careers>Introduction to Business>Introduction to Accounting>Principles of Marketing (Concentrator A) or Principles of Business Management (Concentrator A)> Entrepreneurship and New Ventures Capstone (Concentrator B)
	Marketing Management-Marketing	Prosser Path 5914/5918	Digital Applications and Responsibility>Preparing for College and Careers>Introduction to Business>Principles of Business Management>t Principles of Marketing (Concentrator A) >Strategic Marketing (Concentrator B)

Cluster	Pathway/Program of Study	DOE Code	Introductory Courses, Concentrator Course A, Concentrator Course B
Health Sciences		5394	Preparing for College and Careers (8 <sup>th</sup> Grade Course)
		5276	Anatomy & Physiology
	Nursing	Prosser Path 5282/5284	Preparing for College and Careers>Anatomy & Physiology>Health Science Education I (Concentrator A)>Health Science Education II: Nursing (Concentrator B)
	Pharmacy	Prosser Path 5282/5214	Preparing for College and Careers>Anatomy & Physiology>Health Science Education I (Concentrator A)>Health Science II: Pharmacy (Concentrator B) (Must be 18 by Nov 1 of senior year)

Cluster	Pathway/Program of Study	DOE Code	Introductory Courses, Concentrator Course A, Concentrator Course B
Manufacturing & Logistics	Advanced Manufacturing	5394	Preparing for College and Careers (8 <sup>th</sup> Grade Course)
		4796	Introduction to Advanced Manufacturing and Logistics
		4802	Introduction to Engineering Design non PLTW
		5644	Principles of Engineering non PLTW
		CHS/RA Path 5608	Advanced Manufacturing I (Concentrator A)
		CHS/RA Path 5606	Advanced Manufacturing II (Concentrator B)
	Machine Technology	Prosser Path 5782/5784	Preparing for College/Careers>Intro to Advanced Manufacturing and Logistics>Precision Machining I (Concentrator A)>Precision Machining II (Concentrator B)
	Welding	Prosser Path 5776/5778	Preparing for College and Careers>Intro to Advanced Manufacturing and Logistics>Introduction to Engineering Design non PLTW >Welding I (Concentrator A)>Welding II (Concentrator B)

Cluster	Pathway/Program of Study	DOE Code	Introductory Courses, Concentrator Course A, Concentrator Course B
STEM/ Information Technology	Computer Science/ Programming	4528	Digital Applications & Responsibility (8 <sup>th</sup> Grade Course)
		5394	Preparing for College and Careers (8 <sup>th</sup> Grade Course)
		4803	Introduction to Computer Science
		CHS/RA Path 4801	Computer Science I (Concentrator A)
		CHS/RA Path 5236	Computer Science II (Concentrator B)
		CHS/RA Path 5250	Computer Science III: Databases (Concentrator B)
		Alternative Prosser Path 4801/5250	Digital Applications & Responsibility>Preparing for College and Careers>Computer Science I (Concentrator A)>Computer Science III: Databases (Concentrator B)
	Networking	Prosser Path 5234/4588 or 5253	Digital Applications & Responsibility>Preparing for College and Careers>Introduction to Computers>Computer Science I>Computer Science III: Databases>Networking I (Concentrator A)>Networking II: Infrastructure (Concentrator B) or Networking II: Cybersecurity (Concentrator B)

Cluster	Pathway/Program Of Study	DOE Code	Introductory Courses, Concentrator Course A, Concentrator Course B
STEM	Engineering	5394	Preparing for College and Careers (8 <sup>th</sup> Grade Course)
		4802	Introduction to Engineering Design non PLTW
		4801	Computer Science 1
		CHS/RA Path 5644	Principles of Engineering non PLTW (Concentrator A)
		CHS/RA Path 4818	Environmental Sustainability (Concentrator B)

 **Prosser Career-Technical Education Concentrator (CTE)**

Bucket #3 of Graduation Pathways-advanced courses marked as concentrator A and B, also seen above

Cluster	Pathway/Program of Study	DOE Code	Concentrator Course A	DOE Code	Concentrator Course B
Agriculture	Horticulture/Landscape	5132	Horticultural Science	5136	Landscape Management I
Architecture and Construction	Architectural Drafting and Design	5640	Architectural Drafting and Design I	5652	Architectural Drafting and Design II
	Construction	5580	Construction Trades I	5578	Construction Trades II
	Electrical	4830	Construction Trades: Electrical I	4832	Construction Trades: Electrical II
	Heavy Equipment	5497	Construction Trades: Heavy Equipment I	5495	Construction Trades: Heavy Equipment II
	HVAC	5496	Construction Technology HVAC I	5498	Construction Technology HVAC II
Hospitality and Human Services	Cosmetology	5802	Cosmetology I	5806	Cosmetology II
	Culinary Arts	5440	Culinary Arts and Hospitality I	5346	Culinary Arts and Hospitality II: Culinary Arts
Health Sciences	Dental	5203	Dental Careers I	5204	Dental Careers II
	Nursing	5282	Health Science Education I	5284	Health Science Education II: Nursing
	Pharmacy	5282	Health Science Education I	5214	Health Science II: Pharmacy
Manufacturing and Logistics	Machine Technology	5782	Precision Machining I	5784	Precision Machining II
	Welding	5776	Welding Technology I	5778	Welding Technology II
Public Safety	Criminal Justice	5822	Criminal Justice I	5824	Criminal Justice II Advanced
	Fire and Rescue	5820	Fire and Rescue I	5826	Fire and Rescue II
Information Technology	Networking	5234	Networking I	4588	Networking II: Infrastructure
Transportation	Auto Collision	5514	Automotive Collision Repair I	5544	Automotive Collision Repair II
	Auto Technology	5510	Automotive Services Technology I	5546	Automotive Services Technology II
	Aviation Flight and Operations	5524	Aviation Flight	5528	Aviation Operations
	Diesel Services Technology	5620	Diesel Service Technology I	5624	Diesel Service Technology II

## **Locally Created Pathway**

Bucket #3 of Graduation Pathways-Civic Arts (Arts, Band, Chorus, Theater)

Arts	Band	Chorus	Theater
<i>Required Courses-6 Credits</i>	<i>Required Courses-6 Credits</i>	<i>Required Courses-6 Credits</i>	<i>Required Courses-6 Credits</i>
Introduction to 2D Art, Introduction to 3D Art, Advanced 2D Art, Advanced 3D Art, Ceramics, Digital Design, Drawing, Fiber Arts, Painting, Photography, Advanced Photography, Sculpture, Art History CC	Beginning Concert Band, Intermediate Concert Band, Advanced Concert Band, Jazz Ensemble, Music History and Appreciation CC	Beginning Chorus, Intermediate Chorus, Advanced Chorus, Choral Chamber Ensemble, Music History and Appreciation CC	Theatre Arts, Advanced Theatre Arts, Technical Theatre, Advanced Technical Theatre, Theatre Production, Art History CC, Musical History and Appreciation CC
<i>Advanced Course-1 Credit</i>	<i>Advanced Course-1 Credit</i>	<i>Advanced Course-1 Credit</i>	<i>Advanced Course-1 Credit</i>
Art History CC Ivy Tech	Music History and Appreciation CC Ivy Tech	Music History and Appreciation CC Ivy Tech	Art History CC Ivy Tech Music History and Appreciation CC Ivy Tech

## **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

## ➔ Scheduling At-A-Glance

Four-Year Example Plans

<b>Core 40</b>				
	<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	Graduation Pathway or Alternative
4	Freshman Seminar (Health, Personal Finance)	World History	US History	Graduation Pathway or Alternative
5	PE or Elective PE if athlete	Graduation Pathway or Alternative	Graduation Pathway or Alternative	Graduation Pathway or Alternative
6	Graduation Pathway or Alternative	Graduation Pathway or Alternative	Graduation Pathway or Alternative	Graduation Pathway or Alternative
7	Graduation Pathway or Alternative	Graduation Pathway or Alternative	Graduation Pathway or Alternative	Graduation Pathway or Alternative
Graduation Pathways (See List)	Accounting, Entrepreneurship-Management, Marketing, Nursing, Pharmacy, Manufacturing, Machine Technology, Welding, Computer Science-Programming, Networking, Engineering, Civic Arts	Accounting, Entrepreneurship-Management, Marketing, Nursing, Pharmacy, Manufacturing, Machine Technology, Welding, Computer Science-Programming, Networking, Engineering, Civic Arts	Accounting, Entrepreneurship-Management, Marketing, Nursing, Pharmacy, Manufacturing, Machine Technology, Welding, Computer Science-Programming, Networking, Engineering, Civic Arts	Accounting, Entrepreneurship-Management, Marketing, Nursing, Pharmacy, Manufacturing, Machine Technology, Welding, Computer Science-Programming, Networking, Engineering, Civic Arts
Alternatives (See List)	World Language, Journalism, Photography, Elective PE, ENL	World Language, Student Publications, Photography, Advanced Photography, Elective PE, ENL	World Language, Dual Credit, Student Publications, Photography, Advanced Photography, Elective PE, ENL	World Language, Dual Credit, Student Publications, Photography, Advanced Photography, Elective PE, ENL

<b>Core 40--Prosser Track</b>				
	<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	Graduation Pathway or Alternative
4	Freshman Seminar (Health, Personal Financial Responsibility)	World History	Prosser	Prosser
Prosser	PE or Elective PE if athlete	3 <sup>rd</sup> Science	Prosser	Prosser
6	Graduation Pathway or Alternative	Graduation Pathway or Alternative	Prosser	Prosser
7	Graduation Pathway or Alternative	Graduation Pathway or Alternative	Prosser	Prosser
Graduation Pathways (See List)	Accounting, Entrepreneurship-Management, Marketing, Nursing, Pharmacy, Manufacturing, Machine Technology, Welding, Computer Science-Programming, Networking, Engineering, Civic Arts	Accounting, Entrepreneurship-Management, Marketing, Nursing, Pharmacy, Manufacturing, Machine Technology, Welding, Computer Science-Programming, Networking, Engineering, Civic Arts	Accounting, Entrepreneurship-Management, Marketing, Nursing, Pharmacy, Manufacturing, Machine Technology, Welding, Computer Science-Programming, Networking, Engineering, Prosser, Civic Arts	Accounting, Entrepreneurship-Management, Marketing, Nursing, Pharmacy, Manufacturing, Machine Technology, Welding, Computer Science-Programming, Networking, Engineering, Prosser, Civic Arts
Alternatives (See List)	World Language, Journalism, Photography, Elective PE, ENL	World Language, Student Publications, Photography, Advanced Photography, Elective PE, ENL	World Language, Dual Credit, Student Publications, Photography, Advanced Photography, Elective PE, ENL	World Language, Dual Credit, Student Publications, Photography, Advanced Photography, Elective PE, ENL

**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>	<b>Grade 12</b>
1	English 9	English 10 Honors	English 11 DC	English 12 DC
2	Algebra I (Geometry)	Geometry (Algebra II)	Algebra II (Pre-Calculus DC/Trigonometry DC)	US Government DC/Economics DC
3	Biology	Chemistry DC	3 <sup>rd</sup> Science DC	Pre-Calculus/Trigonometry DC (Calculus DC, Finite DC, Graduation Pathway or Alternative)
4	Freshman Seminar (Health, Personal Financial Responsibility)	World History	US History DC	World Language IV DC, Graduation Pathway, or Alternative
5	PE or Elective PE if athlete	World Language II (III DC)	World Language III DC (IV DC)	Graduation Pathway or Alternative
6	World Language I (II)	Graduation Pathway or Alternative	Graduation Pathway or Alternative	Graduation Pathway or Alternative
7	Graduation Pathway or Alternative	Graduation Pathway or Alternative	Graduation Pathway or Alternative	Graduation Pathway or Alternative
Graduation Pathways (See List)	Accounting, Entrepreneurship-Management, Marketing, Nursing, Pharmacy, Manufacturing, Machine Technology, Welding, Computer Science-Programming, Networking, Engineering, Civic Arts	Accounting, Entrepreneurship-Management, Marketing, Nursing, Pharmacy, Manufacturing, Machine Technology, Welding, Computer Science-Programming, Networking, Engineering, Civic Arts	Accounting, Entrepreneurship-Management, Marketing, Nursing, Pharmacy, Manufacturing, Machine Technology, Welding, Computer Science-Programming, Networking, Engineering, Civic Arts	Accounting, Entrepreneurship-Management, Marketing, Nursing, Pharmacy, Manufacturing, Machine Technology, Welding, Computer Science-Programming, Networking, Engineering, Civic Arts
Alternatives (See List)	World Language, Journalism, Photography, Elective PE, ENL	World Language, Student Publications, Photography, Advanced Photography, Elective PE, ENL	World Language, Dual Credit, Student Publications, Photography, Advanced Photography, Elective PE, ENL	World Language, Dual Credit, Student Publications, Photography, Advanced Photography, Elective PE, ENL

**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>	<b>Grade 12</b>
1	English 9	English 10 Honors	English 11 DC	English 12 DC
2	Algebra I (Geometry)	Geometry (Algebra II)	Algebra II (Pre-Calculus DC/Trigonometry DC, or Quantitative Reasoning)	US Government DC/Economics DC
3	Biology	Chemistry (DC)	US History DC	Graduation Pathway or Alternative
4	Freshman Seminar (Health, Personal Financial Responsibility)	World History	Prosser	Prosser
Prosser	PE or Elective PE if athlete	3 <sup>rd</sup> Science DC	Prosser	Prosser
6	Graduation Pathway or Alternative	Graduation Pathway or Alternative	Prosser	Prosser
7	Graduation Pathway or Alternative	Graduation Pathway or Alternative	Prosser	Prosser
Graduation Pathways (See List)	Accounting, Entrepreneurship-Management, Marketing, Nursing, Pharmacy, Manufacturing, Machine Technology, Welding, Computer Science-Programming, Networking, Engineering, Civic Arts	Accounting, Entrepreneurship-Management, Marketing, Nursing, Pharmacy, Manufacturing, Machine Technology, Welding, Computer Science-Programming, Networking, Engineering, Civic Arts	Accounting, Entrepreneurship-Management, Marketing, Nursing, Pharmacy, Manufacturing, Machine Technology, Welding, Computer Science-Programming, Networking, Engineering, Prosser, Civic Arts	Accounting, Entrepreneurship-Management, Marketing, Nursing, Pharmacy, Manufacturing, Machine Technology, Welding, Computer Science-Programming, Networking, Engineering, Prosser, Civic Arts
Alternatives (See List)	World Language, Journalism, Photography, Elective PE, ENL	World Language, Student Publications, Photography, Advanced Photography, Elective PE, ENL	World Language, Dual Credit, Student Publications, Photography, Advanced Photography, Elective PE, ENL	World Language, Dual Credit, Student Publications, Photography, Advanced Photography, Elective PE, ENL

**Certificate of Completion--Non-Diploma Only**

	<b>Grade 9</b>	<b>Grade 10</b>	<b>Grade 11</b>	<b>Grade 12</b>
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	Earth Space 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	Basic Skills Applied	Basic Skills Applied	Basic Skills Applied	Basic Skills Applied
6	PE Applied	Health Applied	Graduation Pathway or Alternative	Graduation Pathway or Alternative
7	Graduation Pathway or Alternative	Graduation Pathway or Alternative	Graduation Pathway or Alternative	Graduation Pathway or Alternative
Alternatives (See List)	See Applied List	See Applied List	See Applied List	See Applied List