



2019-2020

Distance Learning

Course Description Booklet

*CESA 10 recommends districts attend classes from their local technical college when available.

Course Offerings

High School to High School Classes

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Animal Care and Management	22	Advanced Math	16
Animal Science	10	College Algebra	16
Advanced Animal Science	10	Statistics	9
Biotechnology	22	Trigonometry	16
Conservation & Natural Resources	11	<u>Music</u>	
Exploring Agriculture	11	History of Rock	16
Large Animal Science	22	History of Rock and Roll Pt 1	16
Leadership and Group Dynamics	23	History of Rock and Roll Pt 2	16
Small Animal Science	23	Music Theory 1	17
<u>Business</u>		<u>Science</u>	
Accounting	8, 11, 12, 23	Astronomy	17
Advanced Accounting	11	Environmental Science	17
Business Law	12, 23	Heredity and Genetics	24
Employability Skills	12	Meteorology	17
Entrepreneurship	12	Microbiology & Parasitology	17
Hospitality Management	12	Pathophysiology	18
Introduction to Business	13, 23	Physics	18
Introduction to Marketing	13	Plant Science	24
Marketing	13, 14	Zoology	25
Marketing II	14	<u>Social Studies</u>	
Microsoft Office Suite	8	Contemporary World Issues	18
Personal Finance	14, 23	Global Economics	18
Sports and Entertainment Marketing	14	Political Science	18
Sports and Entertainment Management	14	Psychology	25
Interior Design	20	U.S. History 1865-Present	25
		HIS 201 – US History to 1877	25
		HIS 202 – US History since 1877	25
<u>English</u>		Vietnam	18, 19
American Literature	14	World History I: The Ancient World	19
Contemporary Nonfiction	14	World History II: Renaissance to Today	19
Contemporary World Issues & Lit	15	World War II	19
Multicultural Literature	15	<u>Technology Education</u>	
Reading for College Success	8	Computer Applications I	20
Real World Writing	15	Computer Hardware Fundamentals	20
Writer's Workshop	15	Computer Hardware Fundamentals II	20
		Game & App Programming	20
<u>Family & Consumer Education</u>		Interior Design	20
Assistant Child Care	23, 24	Intro to Information Technology	20
Child Development	24	Intro to Web Design & Programming	21
		Web Page Design	21
<u>Foreign Language</u>		<u>Advanced Placement</u>	
French I	8	Biology	9, 10
French II	8	Calculus	21, 26
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		Psychology	22
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Course Offerings

Technical College Courses

CVTC	Page	NTC	Page
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ECE: Foundations of Early Childhood Education	27	Culture of Health Care*	33
ECE: Health, Safety, & Nutrition	27		
ECE: Infant and Toddler Development	27	Body, Structure, & Function	34
English Composition I	28	Calculus	34
English Composition II	28	Cents and Sensibility	34
Introduction to Literature	28	College Algebra with Applications	34
IT-Software Developer Exploration	28	English Composition I	34
Legal Terminology	28	Intermediate Algebra with Applications	34
Manufacturing Process and Production	28	Introduction to Diversity	34
Medical Terminology	28	Introduction to Ethics: Theory & App	35
Native American History	28	Intro to Mass Communication*	35
Introduction to Psychology	29	Introduction to Psychology	35
Race and Ethnicity	29	Introduction to Sociology	35
Intro to Sociology	29	Oral/Interpersonal Communication	35
Speech	29	Speech	35
		Think Critically and Creatively	35
NTC *denotes new for 19/20		Trigonometry with Apps	35
Introduction to Animal Science	29	Written Communication	36
Accounting 1	29	Current Events in Criminal Justice	36
Accounting 2	29		
American Sign Language I	30	2D Machine Tool CAD	36
American Sign Language II	30	Computer Fundamentals 1*	36
Building and Problem Solving*	30	Computer Fundamentals 2*	36
Customer Service	30	IT Development & Design Fundamentals*	36
ECE: Foundations of Early Childhood Education	30	Introduction to Computer Support	36
ECE: Infant and Toddler	30	Interpreting Engineering Drawings*	36
ECE: Health, Safety, & Nutrition	30	Principles of Information Security	37
EXCEL 2016 Level 1*	31	Photoshop/Image Manipulation	37
EXCEL 2016 Level 2*	31	SolidWorks 1	37
Introduction to Counseling	31	SolidWorks 2*	37
Introduction to Human Services	31	Technical Drafting/CAD*	37
Introduction to Business	31	User Experience Design*	37
Marketing Principles	31	Web Design 1	37
POWERPOINT 2016 Level 1*	31	Digital Photography	36
POWERPOINT 2016 Level 2*	31		
WORD 2016 Level 1*	31	Western *denotes new for 19/20	
WORD 2016 Level 2*	32	Developmental Psychology	38
		Digital Literacy for Healthcare*	38
Prof Network & Dev-Supply Chain Management*	32	Economics	38
Supply Chain Process Management*	32	English 1	38
Operations Control*	32	English 2	38
Foundations of Inventory*	32	English Composition	39
The Role of Logistics*	32	Introduction to Psychology	39
Transportation Management*	32	Introduction to Sociology	39
Warehousing*	33	Marketing Principles*	39
Purchasing Process*	33	Oral/Interpersonal Communication*	39
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Medical Terminology	33	Race, Class, Gender*	40
Introduction to Health Careers	33		

Course Offerings

University Courses

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COMM 101 Fundamentals of Oral Communication	pg 40
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ENGL 101 Freshman English	pg 40
ENGL 102 Critical Writing, Reading, and Research	pg 40
ENGL 150 Introduction to Literature	pg 40
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HIS 102 World History Since 1500	pg 42
HIS 176 United States to 1877	pg 42
HIS 177 United States Since 1877	pg 42
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MAT 109 Algebra for Calculus	pg 42
MAT 118 Pre-calculus Algebra	pg 42
MAT 119 Pre-calculus Trigonometry	pg 42
PHI 200 What is Happiness	pg 42
PHI 305 Ethics & Business	pg 42
PSYC 110 Introduction to Psychology	pg 42
SPAN 101 Beginning Spanish I	pg 42
SPAN 102 Beginning Spanish II	pg 43
SPAN 201 Intermediate Spanish I	pg 43
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WGSS 100 Introduction to Women's Gender & Sexuality Studies	pg 43

Youth Apprenticeship Program Curriculum

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Animal Care and Management	22	Employability Skills	12
Animal Science	10	Introduction to Marketing	13
Advanced Animal Science	10	Legal Terminology (CVTC)	28
Biotechnology	22	Marketing	13, 14
Economics (Western)	38	Marketing II	14
Employability Skills	12	Marketing Principles (NTC, Western)	31, 39
Environmental Science	17	Oral Communication (NTC, Western)	35, 39
Exploring Agriculture	11	Speech (CVTC, NTC, Western)	29, 35, 39
Introduction to Animal Science (NTC)	29		
Large Animal Science	22	<u>Health</u>	
Leadership and Group Dynamics	23	AP Biology	9
Oral Communication (NTC, Western)	34, 39	AP Psychology	22
Plant Science	24	Body, Structure & Function (NTC)	34
Small Animal Science	23	Culture of Healthcare	33
Speech (CVTC, NTC, Western)	29, 35, 39	Dental Terminology & Charting	33
		Developmental Psychology (Western)	38
<u>Architecture and Construction</u>		Digital Literacy for Healthcare	38
Accounting	8, 11, 12, 23	Employability Skills	12
Accounting (NTC)	29	Medical Terminology	9
Accounting II (NTC)	29	Medical Terminology (CVTC, NTC)	28, 33
Advanced Accounting	11	Intro to Psychology (CVTC, NTC, Western)	29, 35, 39
CAD Basics (CVTC)	27	Introduction to Health Careers (NTC)	33
Economics (Western)	38	Customer Focused Caregiving (NTC)	33
Employability Skills	12	Oral Communication (NTC, Western)	35, 39
Introduction to Business	13, 23	Speech (CVTC, NTC, Western)	29, 35, 39
Introduction to Business (NTC)	31		
Oral Communication (NTC, Western)	35, 39	<u>Hospitality</u>	
Personal Finance	14, 23	Customer Service (NTC)	30
Physics	18	Employability Skills	12
Speech (CVTC, NTC, Western)	29, 35, 39,	Hospitality Management	12
Trigonometry	16	Introduction to Marketing	13
Trigonometry with Apps (NTC)	35	Marketing	13, 14
		Marketing II	14
<u>Art, AV Technology & Communications</u>		Marketing Principles (NTC, Western)	31, 39
Computer Applications I	20	Oral Communication (NTC, Western)	35, 39
Computer Hardware Fundamentals	20	Sports and Entertainment Marketing	14
Computer Hardware Fundamentals II	20	Sports and Entertainment Management	14
Employability Skills	12	Speech (CVTC, NTC, Western)	29, 35, 39
Introduction to Computer Support (NTC)	31		
Intro to Webpage Design & Programming	21	<u>Information Technology</u>	
Game and App Programming	20	Computer Application I	20
Microsoft Office Suite	8	Computer Fundamentals 1 (NTC)	36
Oral Communication (NTC, Western)	35, 39	Computer Fundamentals 2 (NTC)	36
Speech (CVTC, NTC, Western)	29, 35, 39,	Computer Hardware Fundamentals	20
Web Page Design	20	Computer Hardware Fundamentals II	20
		Customer Service (NTC)	30
<u>Finance</u>		Economics (Western)	38
Accounting	8, 11, 12, 23	Employability Skills	12
Accounting (NTC)	29	Intro to Computer Support (NTC)	36
Accounting II (NTC)	29	Intro to Webpage Design & Programming	21
Advanced Accounting	11	IT Development & Design Fundamentals	36
Advanced Math	16	IT-Software Developer Exploration (CVTC)	28
Business Law	12, 23	Game and App Programming	20
Customer Service (NTC)	31	Microsoft Office Suite	8

Information Technology, cont	Page	Science, Technology, Engineering & Math	Page
Oral Communication (NTC, Western)	35, 39	2D Machine Tool CAD (NTC)	36
Speech (CVTC, NTC, Western)	29, 35, 39	Advanced Math	16
AP Statistics	22	AP Biology	9, 10
Web Page Design	21, 37	AP Calculus	9, 21, 26
Intro to Information Technology	20	CAD Basics (CVTC)	27
		Calculus (NTC)	34
Manufacturing		Customer Service (NTC)	30
2D Machine Tool CAD (NTC)	36	Employability Skills	12
Advanced Math	16	Oral Communication (NTC, Western)	35, 39
AP Calculus	9, 21, 26	Physics	18
CAD Basics (CVTC)	27	Solidworks 1 (NTC)	37
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Computer Applications I	20	Speech (CVTC, NTC, Western)	29, 35, 39
Employability Skills	12	Trigonometry	16
Manufacturing Process and Production (CVTC)	28	Trigonometry with Apps (NTC)	35
Oral Communication (NTC, Western)	35, 39		
Physics	18	Transportation, Distribution and Logistics	
Solidworks 1 (NTC)	37	Computer Applications I	20
Solidworks 2 (NTC)	37	Customer Service (NTC)	30
Speech (CVTC, NTC, Western)	29, 35, 39	Economics (Western)	38
		Employability Skills	12
Marketing		Oral Communication (NTC, Western)	35, 39
Intro to Business	13, 23	Speech (CVTC, NTC, Western)	29, 35, 39
Intro to Business (NTC)	31	Introduction to Marketing	13
Developmental Psychology (Western)	38	Marketing	13
Economics (Western)	38	Marketing II	14
English Composition (CVTC, NTC, Western)	28, 34, 39	Marketing Principles (NTC, Western)	31, 39
Employability Skills	12	NTC Supply Chain Management classes	32-33
Intro to Marketing	13		
Marketing II	14		
Marketing Principles (NTC, Western)	31, 39		
Multicultural Literature	15		
Oral Communications (NTC, Western)	35, 39		
Physics	18		
Psychology	25		
Intro to Psychology (CVTC, NTC, Western)	29, 35, 39		
Intro to Sociology (CVTC, NTC, Western)	29, 35, 39		
Sports & Entertainment Marketing	14		
Speech (CVTC, NTC, Western)	29, 35, 39		
U.S. History	25		

Dual Credit High School Academies from CVTC

IT-Software Development Specialist

Course Title	Course Time	Credits
Introduction to Programming	Tuesday, September 3, 2019 – Friday, October 4, 2019 8:00-9:00 a.m. M-F	1 credit
Oral/Interpersonal Communications	Monday, October 7, 2019 – Friday, November 15, 2019 8:00 a.m. M-F	3 credits
Web 1-HTML & CSS	Monday, November 25, 2019 – Friday, January 24, 2020 9:00-10:00 a.m. M-F	3 credits
Database 1	Monday, January 27, 2020 – Friday, March 21, 2020 8:00-9:00 a.m. M-F	3 credits
Programming Fundamentals	Monday, March 24, 2020 – Friday, May 23, 2020 9:00-10:00 a.m. M-F	3 credits

Intro to Health Information Technology

Course Title	Course Time	Credits
Healthcare Information Management Fundamentals (530-107)	August 27-December 17, 2019 Online	3 credits
Human Disease for the Health Professions (530-182)	August 27-December 17, 2019 Online	3 credits
Healthcare IT (501-130)	Summer 2020 Online	2 credits
Healthcare Law & Ethics (530-178)	Summer 2020 Online	2 credits

See course descriptions for these classes on starting on page [44](#).

CADENC Hosted Classes

Business

Accounting

Prerequisite(s): Basic math skills helpful

Grade Level: 11-12

Description: This course prepares the learner to analyze, record, summarize, and interpret accounting information. This course focuses on business transactions, financial statements, merchandising business transactions, internal controls, receivables, and plant assets, and it introduces current liabilities. The learner will prepare accounting transactions for a merchandising business, including month-end transactions and preparation of the financial statements.

Credits: High School (1.0), CVTC Dual Credit (4.0) **Length:** Full Year **Host School:** Durand

Accounting I

Prerequisite(s): None

Grade Level: 11-12

Description: This course prepares students to analyze, record, summarize, and interpret accounting information. This course focuses on business transactions, financial statements, merchandising business transactions, internal controls, receivables and plant assets, and it introduces current liabilities. Students taking this class will have a head start on college accounting courses. This course, however, is not just for students pursuing accounting degrees. All students can benefit from the overall understanding of financial management while obtaining 4 elective college credits.

Credits: High School (1.0), CVTC Dual Credit (4.0) **Length:** Full Year **Host School:** Colfax

Microsoft Office Suite (Online)

Prerequisite(s): Business Technology Essentials or permission of the instructor

Grade Level: 10-12

Description: Proficiency in MS Office is a requirement in many programs of study and occupations today. This course is to provide students with a better understanding of Microsoft Office Suite and how it is used in academic and business environments. The students will become more familiar with the Office user interface and advance their skills in using Word, Excel, PowerPoint, and Access.

Credits: High School (0.5), CVTC Dual Credit (2.0) **Length:** 1 semester (online) **Host School:** Colfax

English

Reading for College Success (CAPP)

Prerequisite(s): None

Description: The purpose of this online course is to teach students high level reading skills necessary for understanding college level texts. Focus will be on comprehending nonfiction, strengthening reading for study techniques, improving vocabulary, and increasing reading rate in difficult material. Work will be completed online. Students will receive D2L login information from UWO after they successfully register for the course.

Credits: UW-Oshkosh credit (1.0) ACAD 169 **Length:** 1 Semester **Host School:** Chippewa Falls

Foreign Language

French I

Prerequisite(s): None

Description: This course is an introduction to the French language and Francophone culture. Students will practice all four communication skills: reading, writing, speaking, and listening. They are expected to try to communicate on familiar topics in French, and by the end of the first year, students can communicate on familiar topics such as self, family, school, hobbies, likes and dislikes. Canvas is used as a method to help deliver content, lessons, and some formative assessments.

Credits: High School (1.0) **Length:** Full Year **Host School:** Eau Claire Memorial

French II

Prerequisite(s): French I

Description: This course expands those skills learned in French I. As they study Francophone culture, students continue to build communication skills in reading, writing, speaking, and listening. Students are expected to communicate on a variety of familiar topics in French. Canvas is used as a method to help deliver content, lessons, and some formative assessments.

Credits: High School (1.0) **Length:** Full Year **Host School:** Eau Claire Memorial

German I

Prerequisite(s): Student must be in good academic standing (3.5 GPA or better) and have no less than a B+ in English. The use of a computer (with Internet access) per student and printer during class time is a must.

Description: This is an introductory German course in which students learn basic vocabulary relating to school, daily routines, free time activities, and likes and dislikes. Students learn how to carry on short conversations and present short narratives in the present tense. German grammar and spelling are also introduced.

Credits: High School (1.0) **Length:** Full Year **Host School:** Regis

Spanish III

Prerequisite(s): “B” average in Spanish II

Grade: 11-12

Description: In Spanish III, the student progresses in his/her language learning through more advanced storytelling units as well as thematic units. Student are expected to improve their communications skills especially in the areas of speaking and writing.

Vocabulary is emphasized, along with more outside reading. It is expected that students will speak Spanish in class, and 95% of the communication will be done in the target language, not only with the teacher, but also with each other.

Credits: High School (1.0) **Length:** Full Year **Host School:** Durand

Health

Medical Terminology

Prerequisite(s): None

Grade Level: 10-12

Description: Focuses on the component parts of medical terms: prefixes, suffixes and word roots. Students practice formation, analysis and reconstruction of terms. Emphasis on spelling, definition and pronunciation. Introduction to operative, diagnostic, therapeutic and symptomatic terminology of all body systems, as well as systemic and surgical terminology.

Credits: High School (1.0), CVTC Dual Credit (3.0) **Length:** Full Year **Host School:** Colfax

Math

Statistics

Prerequisite(s): Completion of Algebra II with a C or better

Grade Level: 11-12

Description: The purpose of the Probability and Statistics curriculum is to encourage student awareness of the importance of mathematics in the modern world. This course is an introduction to the study of probability, interpretation of data, and fundamental statistical problem solving. The course will cover basic statistical concepts that will prepare the student to take a college-level statistics course in the future. Students will explore and analyze data by observing patterns or the absence of patterns, interpret information from graphical and tabular displays, apply appropriate statistical models to infer information from data, and learn to use technology in solving statistical problems. Students will need a Texas Instruments TI-82, TI-83, or TI-84 graphing calculator.

Credits: High School (0.5) **Length:** One semester **Host School:** Elk Mound

CADENC Hosted Advanced Placement Courses

Advanced Placement courses allow high school students to earn University credit while still in high school in an intellectually stimulating and rewarding environment. These courses are offered in over 10,000 American high schools and in 64 foreign countries.

AP Biology

Prerequisite(s): Junior or Senior status. “B” Average in General Biology. Students will be expected to take the College Board AP Exam. There is a cost to the exam. Students demonstrating financial need are eligible for financial assistance for exam costs and may be eligible for free testing. Chemistry and Anatomy & Physiology are strongly recommended, but not required.

Description: This Advance Placement Biology class will provide students with an expansive background in biology. This is a college–level course and it will be an intense class. It will be necessary for students to spend time outside of class studying and reviewing. A general rule of one hour of study time for each hour of class time is suggested. AP Biology is a class in which students must take responsibility for their own learning. This course is designed around the AP Biology Curriculum Framework, and is centered on the four big ideas:

- 1) The process of evolution drives the diversity and unity of life
- 2) Biological systems utilize free energy and molecular building blocks to grow, to reproduce, and to maintain dynamic homeostasis
- 3) Living systems store, retrieve, transmit, and respond to information essential to life processes
- 4) Biological systems interact, and these systems and their interactions possess complex properties

Each big idea is supported by enduring understandings and essential knowledge, which are taught in relationship to each other and to the associated big idea(s). A minimum of 25% of total instructional time is devoted to inquiry-based laboratory investigations. The type of inquiry will vary (structured, guided, open) depending on the investigation or activity.

Credits: High School/AP Credit (1.0) **Length:** Full Year (Must sign up for both semesters) **Host School:** Durand

AP Biology

Prerequisite(s): Grade “B” or better in Biology and enrolled in or have completed chemistry

Description: This course is designed to be the equivalent of a college introductory biology course usually taken by biology majors during their first year. The text used is one used by college biology majors, and labs done by AP students are the equivalent to those done by college students. Course topics include: Molecules and Cells, Heredity and Evolution, and Organism and Populations. Students are expected to develop a conceptual understanding of science and biology; a grasp of science as a process rather than as an accumulation of facts; personal experience in scientific inquiry; recognition of unifying themes that integrate the major topics of biology; and application of biological knowledge and critical thinking to environmental and social concerns. Laboratory sessions are being scheduled and students are expected to complete laboratory work.

The AP program allows students to take college level work during their high school career and receive credit from the college they plan to attend. Each may, AP Examinations are given and test fees are paid by the student and/or their family. Colleges grant credits for the Advanced Placement work based -18 on the score earned by the student on the test taken in May.

Course Fee: cost of the Biology Exam and student may wish to purchase textbook.

Credits: High School (1.0) **Length:** Full Year **Host School:** Fall Creek

AP Calculus AB

Prerequisite(s): Advanced Math

Description: The main objective is to provide students with an opportunity to explore higher levels of mathematics and appreciate its usefulness in understanding the ways of the world. This class provides an opportunity for the student to experience a college-level math class in a high school setting. Lessons are presented in a variety of ways including numerically, graphically, analytically, and verbally.

Credits: High School (1.0) **Length:** Full Year **Host School:** Durand

AP U.S. History

Prerequisite(s): US History “B” Average and junior or senior standing.

Description: This intensive reading and writing course will concentrate on the scope of our U.S. History from colonial history to the present. This course is designed to prepare students to take the Advanced Placement Exam in U.S. History the following spring. Students will refine their writing skills, expand their knowledge of U.S. History, and practice taking the AP Exam. All students should take the exam the following spring at their own expense. If the test is successfully completed, advanced placement and/or college credit will be granted. **Credits:** High School (1.0) **Length:** Full Year **High School:** Durand

CWETN Hosted Classes

Agriculture

Animal Science

Prerequisite(s): None

Description: This course is designed to cover basic animal science topics. Areas to be covered are careers, anatomy, animal behavior and operator safety, feeding and nutrition, genetics, reproduction, biotechnology in livestock production and animal rights/welfare.

Credits: High School (0.5) **Length:** 1 Semester **Host School:** Colby

Animal Science

Prerequisite(s): None

Description: Animal Science will cover topics relating to both large and small domesticated animals. Students will cover general topics including animal welfare, genetics, nutrition, reproduction, and safety and environmental issues with animals. This course is taught with an applied science emphasis. The objective of the course is for students to understand the role of animals in our society and to become an educated consumer. Suggested for students interested in an animal or veterinary career.

Credits: High School (0.5) **Length:** 1 Semester **Host School:** Marathon

Advanced Animal Science

Prerequisite(s): Animal Science (Animal Science and Advanced Animal Science must be taken in same year)

Description: Advanced Animal Science is a continuation of animal science and will cover individual species in detail including dairy, beef, sheep, horses, swine, goats, companion animals, and exotic domesticated species. Animal physiology, behavior, biotechnology, veterinary medicine, and animal product selection will be emphasized. Current industry topics will be identified.

Credits: High School (0.5) **Length:** 1 Semester **Host School:** Marathon

Conservation and Natural Resources

Prerequisite(s): None

Description: If you appreciate the outdoors and enjoy using natural resources (fishing or hunting), this class can give you a better understanding of our natural resources and the need to conserve them. Topics include wildlife management, taxidermy, ecology, water resources and pollution, air pollution and land management. Field trips, guest speakers and projects will be included.

Credits: High School (0.5) **Length:** 1 Semester **Host School:** Colby

Exploratory Agriculture

Prerequisite(s): None

Grades: 9-12

Description: This class is offered to those intrigued by the agriculture courses, but who want to learn more about the agriculture industry as a whole before choosing which direction to take your courses. A main focus will be careers within the industry, but it will also touch on the more unique pieces of the industry that most people are unaware of. Students will be able to steer the direction of the class, learning the most about the topics they choose.

Credits: High School (0.5) **Length:** 1 Semester **Host School:** Colby

Business

Accounting

Prerequisite(s): None

Grades: 10-12

Description: Accounting provides an understanding of the basic elements and concepts of double entry accounting systems. Accounting is the basis for any college career or where a major in business is concerned. Students will learn the accounting equation, the accounting cycle, journal entries, posting to different ledgers, end-of-period fiscal period reports, payroll systems, banking activities, taxes, un-collectible accounts, depreciation, inventories and notes and interest for various types of businesses including sole proprietorship and partnerships. Students will master the manual aspects of the accounting process and also complete accounting simulations and automated accounting work.

Credits: High School (1.0); NTC Dual Credit (4.0) for Juniors and Seniors **Length:** Full Year **Host School:** Abbotsford

Accounting

Prerequisite(s): Introduction to Business or approval from teacher

Grades: 11-12

Description: Do you have strong math skills; enjoy working on computers, and like analyzing data? Accounting is an excellent choice for you! This course introduces you to Accounting which includes the accounting cycle of journaling transactions, posting, adjusting and closing entries as well as preparation of accounting statements is emphasized for sole proprietorships and partnerships in service and merchandising businesses.

Credits: High School (0.5); MSTC Transcribed Credit (3.0) **Length:** 1 Semester **Host School:** Granton

Accounting (distance learning or online)

Prerequisite(s): None

Grade Level: 10-12

Description: Accounting provides an understanding of the basic elements and concepts of double entry accounting systems. Accounting is the basis for any college career or where a major in business is concerned. Students will learn the accounting equation, the accounting cycle, journal entries, posting to different ledgers, end-of-period fiscal reports, payroll systems, banking activities, taxes, un-collectible accounts, depreciation, inventories and notes and interest for various types of businesses including sole proprietorship and partnerships. It is highly encouraged to take for any student thinking about business as a college major and future career. NTC Dual Credit for Juniors or Seniors.

Credits: High School (1.0); NTC Dual Credit for Juniors and Seniors **Length:** Full Year **Host School:** Marathon

Advanced Accounting (distance learning or online)

Prerequisite(s): Accounting

Grade Level: 11-12

Description: Vital for any student thinking about accounting as a career. Builds on the concepts from Accounting. This course will examine in more detail the financial aspects of business. This course will build on the knowledge gained in Accounting and provide you with a solid understanding of corporate accounting practices. You'll be able to analyze transactions and prepare various corporate financial reports. You'll also gain practical experience working with Departmentalized Accounting, Accounting Control Systems, Accounting Adjustments, Management Accounting, and Cost Accounting. One accounting practice set will be done during this class. If you are considering a business major of any kind in college or tech school, you will need to take Advanced Accounting. This class will help prepare you for your college courses.

Credits: High School (1.0); NTC Dual Credit for Juniors or Seniors. **Length:** Full Year **Host School:** Marathon

Accounting

Prerequisite(s): None

Description: This course will focus on analyzing, summarizing, reporting, and interpreting financial information.

Credits: High School (1.0) **Length:** Full Year **Host School:** Spencer

Business Law

Prerequisite(s): Business Management

Grades: 10-12

Description: Subjects covered will be business laws and their ethical foundation, court systems, criminal law as related to business, business contracts, consumer protection, business ownership and leasing of business real estate, employment law, legal forms of business organization, business cyberlaws, E-commerce, and the history of business law cases. We will have mock trials to apply the concepts learned.

Credits: High School (0.5) **Length:** 1 Semester **Host School:** Abbotsford

Employability Skills

Prerequisite(s): None

Grades: 9-12

Description: This course is strongly recommended for all students. This course is designed to help all students gain the knowledge and skills necessary to have a successful job, career, and help make the transition into the adult working world. The major goal is to develop desirable personality traits and characteristics essential for success in the business world and to stress good work habits and to stimulate desirable attitudes toward work. Topics covered include resume and interview skills, work attitude, employer expectations, business manners, time management, and dressing for success.

Credits: High School (0.5) **Length:** 1 Semester **Host School:** Colby

Employability Skills (Online)

Prerequisite(s): None

Grades: 11-12

Description: This class is a must for any individual looking to gain an edge on the competition when looking for a job. Students will explore interests in their possible future occupations and will be given the opportunity to job shadow a work site of interest. Students will learn how to create a resume, cover letter, job application, reference page, and thank you letter. The skill of preparing for an interview will also be covered. The importance of developing soft skills will be emphasized throughout the coursework. An electronic career portfolio will be created that focuses on a student's past, present, and future successes. Up-to-date online technology will be used to develop the portfolio. This is a class that will benefit every student. Companies are looking for individuals who set themselves apart; this class will teach you how to do that. It is strongly suggested that any student wishing to enroll in a School-to-Career program will have completed this class.

Credits: High School (0.5) **Length:** 1 Semester (online) **Host School:** Marathon

Entrepreneurship

Prerequisite(s): Introduction to Business

Grades: 11-12

Description: Students in Entrepreneurship will understand the procedures and techniques of owning and running a business. Business topics students will explore include: Business in a Global Economy, Business Organization and Management, and Business Operations and Technology. Students will gain an understanding of the role an entrepreneur has in the economy. A business plan will be created by all students allowing them to investigate the rewards and pitfalls of operating their own business. Any individual thinking about a career in business should be enrolled in this class.

NOTE: Qualified juniors and seniors may receive college credit for this course through CAPP. Credits transfer to all UW System Universities and over 200 nationally.

Credits: High School (0.5), CAPP (3.0) **Length:** 1 Semester **Host School:** Marathon

Hospitality Management

Prerequisite(s): None

Grades: 10-12

Description: This course covers the growth and progress of the hospitality industry. Students will learn the concepts of the industry through a simulation focusing on running a hotel and a restaurant. Topics covered include: Pricing and Revenue Management, Group Sales, Public Relations, Customer Service, Social Media Feedback, Restaurant and Culinary Operations, Banquets and Meetings Operations, Financial Reports, Menu Design, amongst other management and marketing topics.

Credits: High School (0.5) **Length:** 1 Semester **Host School:** Marathon

Introduction to Business

Prerequisite(s): None

Grades: 9-12

Description: This would be a great course for any student to participate in. This semester course is offered to students who want to gain a better understanding of the business world and various life skills. This class will introduce students to the U.S. economic environment, business and government in a global economy, technology in business, careers available and various aspects of the consumer issues relating to the business world. This class will also cover areas involved with entrepreneurship. These areas will include: types of ownership, business plans, marketing your business, managing, and protecting your business. This is a class that may be used with a student taking a business apprenticeship.

Credits: High School (0.5), NTC Dual Credit (3.0) **Length:** 1 Semester **Host School:** Abbotsford

Introduction to Business

Prerequisite(s): None

Grades: 9-12

Description: This semester course is offered to students beginning at the freshmen level to introduce them to the U.S. economic environment and characteristics of various types of business. This course includes additional topics like business and government in a global economy, technology in business, social and ethical issues and various other aspects of consumer issues relating to the business world. Students will also participate in a business community simulation and run their own manufacturing business online. The class is a prerequisite to Marketing, International Business and Sports & Entertainment Management.

Credits: High School (0.5) **Length:** 1 Semester **Host School:** Marathon

Introduction to Business

Prerequisite(s): None

Grades: 9-12

Description: Are you preparing yourself for a future in business? This course will introduce you to the world of business. Topics that will be covered include: economic concepts, business ethics, entrepreneurship, management, leadership, marketing, human resources, business finance, business careers, buying goods and services, credit, money management, and risk management.

Credits: High School (0.5) **Length:** 1 Semester **Host School:** Colby

Introduction to Business

Prerequisite(s): None

Grades: 9-12

Description: Business activities affect the daily lives of all of us as we work, spend, save, invest, travel, and play. It influences jobs, incomes, and opportunities for personal enterprise. It has a significant effect on the standard of living and quality of life and on the environment in which we live. All students will encounter the world of business and need to be prepared to engage in business activities with confidence and competence. Students will learn how business functions, the role it plays in our society, the opportunities it generates, the skills it requires, and the impact it can have on their own lives and on society, today and in the future. This course will introduce you to the world of business and help prepare you for the economic roles of consumer, worker, and citizen. Topics will include economic systems, business structures, international business concepts, and leadership styles. The purpose of this course is to provide you with an overview of the technology, people, and procedures in today's fast-paced business environment.

Credits: High School (0.5) **Length:** 1 Semester **Host School:** Granton

Introduction to Marketing

Prerequisite(s): None

Grades: 9-12

Description: Did you know that every career requires some degree of marketing skills/knowledge? Marketing affects everyone's daily life. This course is an introduction to the area of marketing within business. The course explores consumer behavior, advertising, promotions, market research, selling, and public relations. Students will understand how economic decision making and marketing activities lead to the creation of products and services. Students will learn the 4 P's of marketing and how they work together. Students will also explore careers in marketing.

Credits: High School (0.5) **Length:** 1 Semester **Host School:** Granton

Marketing

Prerequisite(s): None

Grades: 10-12

Description: Marketing is one of the fastest growing employment areas in the U.S. Students will study the four P's of marketing, the marketing concept, and marketing functions. Marketing is a project-based class as students will develop advertisements (print, radio, and television), marketing campaigns, and a marketing plan. In this class students will use a computer simulation to run a retail store. Marketing is one of the core business classes every high school student interested in business as a career should complete. Students will need a computer with internet access for class.

Credits: High School (0.5); NTC Dual Credit for Juniors and Seniors. **Length:** 1 Semester **Host School:** Marathon

Marketing I

Prerequisite(s): None

Grade: 10-12

Description: This introductory course is offered to students who are interested in the areas of marketing, advertising, or merchandising. This will be a student project-based course with hands-on learning activities. Students are introduced to concepts related to the business functions associated with directing the flow of products and services from the producer to the consumer. The following areas will be covered: human relations, communication, economics, salesmanship, leadership and career opportunities. This is a class that may be used with a student taking business apprenticeship.

Credits: High School Credit (3.0), NTC Dual Credit (3.0) for Juniors and Seniors **Length:** 1 Semester **Host School:** Abbotsford

Marketing II

Prerequisite(s): Marketing I

Grade: 10-12

Description: In this course students use the marketing knowledge they have acquired in Marketing I to look deeper into the world of marketing and research marketing topics related to the following marketing related areas: sports and entertainment marketing, fashion marketing, sales, e-marketing, and global marketing. As with Marketing I, this course will be student project-based with hands-on learning activities. This is a class that may be used with a student taking a business apprenticeship.

Credits: High School (0.5) **Length:** 1 Semester **Host School:** Abbotsford

Personal Finance

Prerequisite(s): None

Grades: 11-12

Description: Do you know people who are having problems handling their money? This course will give students the knowledge they need to manage their personal finances throughout their life. Emphasis is placed on career choices, budgeting, and banking services. Students will learn to develop budgets, skills to use credit appropriately, and keep accurate checkbook and other financial records essential to both their personal and professional goals.

Credits: High School (0.5) **Length:** 1 Semester **Host School:** Granton

Sports and Entertainment Marketing

Prerequisite(s): Marketing I

Description: This course will help students develop a thorough understanding of the marketing concepts and theories by applying them to sports and entertainment events. The areas this course will cover include basic marketing, target marketing, and segmentation, sponsorship, event marketing, promotions, sponsorship proposals, and implementation of sports marketing plans. This course will also delve into promotion plans, sports marketing plans, and event evaluation and management techniques.

Credits: High School (0.5) **Length:** 1 Semester **Host School:** Abbotsford

Sports and Entertainment Management

Prerequisite(s): Introduction to Business

Grades: 10-12

Description: Ever dream of owning your own business or sports franchise? In this class students will use a computer simulation to run a professional football franchise. Key principles of management will be discussed during the class as well as current topics and trends that are affecting sports and entertainment. This class is a great choice for any student (not just guys interested in football) considering business as a career or for any student looking for the challenge of running a simulated business. Students will need a computer with internet access for class.

Credits: High School (0.5) **Length:** 1 Semester **Host School:** Marathon

English

American Literature

Prerequisite(s): None

Description: This course includes reading and discussion of representative American literature (poetry, short fiction, novels and drama) from colonial days to 1850. Vocabulary study and composition are incorporated into the study of literature.

Credits: High School (0.5) **Length:** 1 Semester **Host School:** Granton

Contemporary Nonfiction

Prerequisite(s): None

Grades: 11-12

Description: The focus of this course is on examining contemporary nonfiction literature. Skills focus on careful reading with an examination and analysis of underlying themes and issues relating to the text.

Credits: High School (0.5) **Length:** 1 Semester **Host School:** Granton

Contemporary World Issues and Literature

Prerequisite(s): None

Grades: 11-12

Description: In this class, students will study the relationship between literature, arts, culture, and history. This class will provide college preparatory experience in writing and research while giving students an opportunity to delve deeper into areas of history and literature that they haven't covered in other English and Social Studies classes. We will cover a variety of relevant topics such as oppression, genocide, and terrorism, through study of primary sources, historical analysis, and literature. The class will culminate in an action-based project.

Credits: High School (0.5) **Length:** 1 Semester **Host School:** Stratford

Multicultural Literature

Prerequisite(s): None

Description: In this course we will explore literature from cultures different than our own. We will emphasize learning about the impact of society and world climate on what is written and how. This class will spend time investigating the cultures that produce these works and the impact of history on them. We will spend significant time writing and discussing literature.

Credits: High School (0.5) **Length:** 1 Semester **Host School:** Granton

Real World Writing

Prerequisite(s): None

Grades: 11-12

Description: This class is for those students looking to improve their writing skills especially for future career and educational goals. We will look at the building blocks of writing and emphasis structure and form details as well as how we can improve and become better writers. We will look at several model texts and write a variety of both formal and informal writing as well as fiction and non-fiction writing. **Credits:** High School (0.5) **Length:** 1 Semester **Host School:** Granton

Writer's Workshop

Prerequisite(s): None

Description: This class will emphasize different forms of formal non-fiction writing. We will work extensively with the writing process and utilize peer review to help us improve how we write. This class will examine grammar and structure and the impact that it has on the reader.

Credits: High School (0.5) **Length:** 1 Semester **Host School:** Granton

Foreign Language

French I

Prerequisite(s): None

Description: This course is an introduction to the French language and Francophone culture. Students will practice all four communication skills: reading, writing, speaking, and listening. They are expected to try to communicate on familiar topics in French, and by the end of the first year, students can communicate on familiar topics such as self, family, school, hobbies, likes and dislikes. Canvas is used as a method to help deliver content, lessons, and some formative assessments.

Credits: High School (1.0) **Length:** Full Year **Host School:** Eau Claire Memorial

French II

Prerequisite(s): French I

Description: This course expands those skills learned in French I. As they study Francophone culture, students continue to build communication skills in reading, writing, speaking, and listening. Students are expected to communicate on a variety of familiar topics in French. Canvas is used as a method to help deliver content, lessons, and some formative assessments.

Credits: High School (1.0) **Length:** Full Year **Host School:** Eau Claire Memorial

German I

Prerequisite(s): C average or better in English class

Description: You will learn to speak, read, and write German, as well as become familiar with the culture and country of Germany. Fun and interactive classes and assignments will allow you to often speak German and enjoy short stories. Some colleges and universities require two years of a high school foreign language.

Credits: High School (1.0) **Length:** Full Year **Host School:** Spencer

Spanish III

Prerequisite(s): Grade of C or higher in Spanish II

Grades: 11-12

Description: This Spanish course builds on the knowledge and skill students built in Spanish I and Spanish II. Students will begin the year by reviewing vocabulary and phrases, as well as verb conjugations previously learned. Students will then learn more advanced vocabulary, new verb tense conjugations, and more advanced grammar. Students will read Spanish texts to enhance their vocabulary and understanding. Students will also continue to study the culture of Spain and Latin American countries. They will be asked to read, write, speak, and listen to Spanish on a daily basis.

Credits: High School (1.0) **Length:** Full Year **Host School:** Granton

Math

Advanced Math

Prerequisite(s): Algebra II

Description: Advanced Math is an advanced course in high school mathematics that is designed and recommended for those who seek careers in mathematics, science, business, engineering or other technical fields. The first semester is focused on Trigonometry. Second semester topics will include review of algebraic concepts; functions and relations; polynomial, algebraic, logarithmic and exponential functions, probability and statistics. Students must supply their own graphing calculator (TI-83+ or TI-84 preferred).

Credits: High School (1.0), NTC Dual Credit if “C” or better is earned **Length:** Full Year **Host School:** Athens

College Algebra

Prerequisite(s): Algebra II

Description: This course is designed for students who have earned credit in Geometry and Algebra II and plan on attending college or technical college, but are not pursuing a career in the math or science field. Topics covered will be equivalent to those covered in a College Algebra Course, such as Equations and Inequalities, Graphs and Functions, Polynomial and Rational Functions, Systems of Equations and Inequalities, Matrices and Determinants, Conic Sections. Upon successful completion of the course, students will earn credit through NTC. This credit will transfer to most of the UW System schools.

Credits: High School (1.0), NTC Dual Credit if “C” or better is earned **Length:** Full Year **Host School:** Athens

Trigonometry

Prerequisite(s): Geometry

Description: This course is designed for sophomores and juniors interested in furthering their understanding of mathematics; to be better prepared for the ACT exam and Pre-Calculus. An inductive approach is emphasized, whereby students investigate various relationships in order to form conjectures. Many investigations are performed on the computer. Students are asked to participate frequently in discussion and exchange ideas with peers. Topics covered will be trigonometric functions, right triangle trigonometry, circular functions, trigonometric identities, inverse circular functions, trigonometric applications, and complex numbers.

Credits: High School Credit (0.5) **Length:** 1 Semester **Host School:** Greenwood

Music

History of Rock

Prerequisite(s): Consent of instructor

Description: From its earliest beginnings to the present day, this course surveys the inception, evolution, and development of Rock music in American and abroad. In addition to in-depth studies of Rock music and the artists who created it, students will examine the sociological, political, and economic conditions which influence its development.

Credits: High School (0.5) **Length:** 1 Semester **Host School:** Stratford

History of Rock and Roll Part 1

Prerequisite(s): None

Description: This class is a guided tour through the background and history of popular music from the early-mid 20th Century through the mid-1970s. It will mainly focus on the rock and roll genre of music, but will also touch on other genres as they impact rock and roll. Some major topics will include Birth of Rock and Roll, Demise of Rock and Rise of Soul, British Invasion, Motown, Psychedelic, and the Rock Spectrum of the 1970s. This course is a fun survey of popular music through the generations. We will use lectures to discuss important people, songs, albums, and we will connect these things to historical events and attitudes of the times. Listening to songs will be integral and most of it will be done in class, but some will be done on the students' time. Tests will be in an online format and in-class questioning will also be done online. No previous musical experience is necessary to take the course however some basic knowledge of music will certainly be helpful in order to fully appreciate all of the material presented. It is suggested that the students have access to a computer and streaming music service, such as Spotify or Apple Music, to access recordings of songs easily. The goal is for students to get an appreciation of past music and cultures, to discover music they haven't been introduced to yet, and to open their minds to discover more music in the world.

Credits: High School (0.5) **Length:** 1 Semester **Host School:** Owen-Withee

History of Rock and Roll Part 2

Prerequisite(s): None

Description: This class is a continuation of the guided tour through the background and history of popular music starting with the mid-1970s through present day. **We prefer that students take Part 1 of this course before this as we will mention topics brought up in Part 1, however it is not required.** The course will mainly focus on the rock and roll genre of music, but may also touch on other genres as they impact rock and roll. Some major topics will include New Wave and Punk, MTV Generation, Rise of Heavy Metal & Rap, The Great Divide of the 1990s, and New Directions. This course is a fun survey of popular music through the generations. We will use lectures to discuss important people, songs, albums, and we will connect these things to historical events and attitudes of the times. Listening to songs will be integral and most of it will be done in class, but some will be done on the students' time. Tests will be in an online format and in-class questioning will also be done online. No previous musical experience is necessary to take the course however some basic knowledge of music will certainly be helpful in order to fully appreciate all of the material presented. It is suggested that the students have access to a computer and streaming music service, such as Spotify or Apple Music, to access recordings of songs easily. The goal is for students to get an appreciation of past music and cultures, to discover music they haven't been introduced to yet, and to open their minds to discover more music in the world.

Credits: High School (0.5) **Length:** 1 Semester **Host School:** Owen-Withee

Music Theory I

Prerequisite(s): Students wishing to take this class should be enrolled in a performance ensemble such as band or choir

Description: The objectives of Music Theory 1 are designed to develop in students a thorough understanding of the rules and principles involved in using the language of music; increase their ability to analyze music orally and visually and increase their ability to read music in all clefs. In addition, students will develop skill in composing, arranging, harmonizing, and improvising music and aspects of performance.

Credits: High School (0.5) **Length:** 1 Semester **Host School:** Colby

Science

Astronomy

Prerequisite(s): Physical Science (C or Better)

Grades: 9-12

Description: This semester course will provide a general survey of Astronomy. Topics will include the history of astronomy, time, tools of astronomy, the solar system, stars and stellar evolution, galaxies, dark matter and dark energy, cosmology, and space exploration. The course will include several Moodle and internet based projects throughout the semester. For those wondering what is beyond their front door or in this case Earth. It's advised that students have computer access at home for homework completion.

Credits: High School (0.5) **Length:** 1 Semester (1st & 2nd Semester) **Host School:** Granton

Environmental Science

Prerequisite(s): None

Description: This course focuses on integrating our understanding of biological, physical and social science through the study of environmental interactions. In this class you will examine the causes, consequences, and potential solutions for both natural and human created environmental problems. Environmental Science includes many projects and group work along with an emphasis on current environmental issues.

Credits: High School (0.5) **Length:** 1 Semester (2nd Semester) **Host School:** Spencer

Meteorology

Prerequisite(s): Physical Science (B or Better)

Grade Level: 10-12

Description: This semester course will provide a general survey of Meteorology. Topics will include the structure of the atmosphere, humidity, wind, clouds, server weather, and forecasting. The course will include lecture, labs, and projects throughout the semester. Students will be given an independent project on climate change at the beginning of the semester. These projects will be presented at the end of the semester. This class is for those wondering what the weather will be tomorrow and why.

Credits: High School (0.5) **Length:** 1 Semester (1st & 2nd Semester) **Host School:** Granton

Microbiology and Parasitology

Prerequisite(s): Chemistry and Biology

Description: This fun and lively advanced course looks at things such as why you, as well as other animals and plants, get sick. We'll explore many organisms usually too small to see without a microscope. Topics covered will most likely included a little history, very basic biochemistry, laboratory procedures, types of good and bad microorganisms, anatomy and growth of bacteria and viruses, ways to control microbes (including drugs and chemicals), some genetics, biotechnology, how our bodies fight infections, and many diseases (worldwide) that confront us throughout our lives. Laboratory work will include an extensive emphasis on modern biotechnology

experiments related to microbiology. A few field trips to advanced level laboratories are planned. Laboratory and field trip work will most likely involve half or full days in Spencer/Marshfield area.

Credits: High School Credit (1.0) **Length:** Full Year **Host School:** Spencer

Pathophysiology

Prerequisite(s): Successful coursework in Biology and Chemistry

Grade Level: 11-12

Description: A fascinating and in-depth look at the changes produced by a wide variety of common diseases, disorders, and injuries affecting humans throughout their lifespan. There will be a little review of normal structure and function, laboratory work, and field trip opportunities.

Credits: High School (1.0) **Length:** Full Year **Host School:** Spencer

Physics

Prerequisite(s): Physical Science, Algebra I and Geometry, maintaining a “C” or better.

Description: This course gives a broad background for those students planning on a post-secondary education. The units covered include: the science of physics, motion in one and two dimensions, forces and the laws of motion, work and energy, momentum and collisions, rotational motion, fluid mechanics, thermodynamics, waves and optics. This course includes laboratory work.

Credits: High School (1.0) **Length:** Full Year **Host School:** Athens

Social Studies

Contemporary World Issues

Prerequisite(s): None

Grades: 11-12

Description: In this class, students will study the relationship between literature, arts, culture, and history. This class will provide college preparatory experience in writing and research while giving students an opportunity to delve deeper into areas of history and literature that they haven’t covered in other English and Social Studies classes. We will cover a variety of relevant topics such as oppression, genocide, and terrorism, through study of primary sources, historical analysis, and literature. The class will culminate in an action-based project.

Credits: High School (0.5) **Length:** 1 Semester **Host School:** Stratford

Global Economics

Prerequisite(s): None

Grades: 11-12

Description: Economics gives students the opportunity to survey both micro and macroeconomics and their impact on our way of life. Students explore producing, the principles of scarcity, supply and demand, exchanging, consuming, saving, investing, and the Federal Reserve. Students will also learn about the stock market, as well as gain life-like stock market experiences. Economics is also designed to prepare students for the real economic world they will face upon graduation. Other areas studied include taxes, checking accounts, banking, credit and credit cards, advertising, insurance, budgets.

Credits: High School (0.5) **Length:** 1 Semester **Host School:** Granton

Political Science

Prerequisite(s): None

Grades: 11-12

Description: This course uses the perspective of political institutions to explore government history, organization, and functions. Students encounter the political culture of our country from the Declaration of Independence to the present day, gaining insight into the challenges faced by Presidents, members of Congress, and other political participants. The course also covers the roles of political parties, interest groups, the media, and the Supreme Court. Students learn to use primary historical documents as evidence in evaluating past events and government functions. This course will culminate in a Civics Exam which meets graduation requirements per the Wisconsin DPI.

Credits: High School (0.5) **Length:** 1 Semester **Host School:** Granton

Vietnam

Prerequisite(s): “B” average in social studies courses

Description: The Vietnam War has had a tremendous impact on our nation. From our citizens, to our universities, to our military, and to our government, none emerged the same from this turbulent event. This war was called the “first televised war” because of the breadth of the correspondents who covered it and the depth of our nation’s involvement in watching the nightly news to get the latest information. This course is intended to help a student who wasn’t even born when the last American helicopter took off from Saigon understand why people say, “I hope it’s not another Vietnam.” The student will learn how we became involved in Vietnam, what American policies were, what life was like for the military in Vietnam, what was happening on the home front, the cultural changes

which occurred in the United States and Wisconsin and finally, the consequences and lessons of war. There will be extensive reading, research, and projects for the course in addition to analysis of films and television clips.

Credit: High School (0.5) **Length:** 1 Semester (2nd Semester) **Host School:** Athens

The Vietnam War

Prerequisite(s): Completion of home district U.S. History requirements

Grade(s): 11-12

Description: The 1960s was one of the most divisive decades in American history. Domestically, race riots, campus protests, & demonstrations showed the divide among Americans on Civil Rights, Women's Rights, & Native American Rights. But one conflict split the nation like no other: The Viet Nam War. Through guided reading assignments, class projects, & research work, students who take this course will come away with a thorough understanding of the significant events, people, and concepts related to the Viet Nam War. Students will draw from texts, de-classified government documents, interviews, films, letters, essays, memoirs, magazines, and music as they delve into such topics as: How and why the United States became involved in Viet Nam; Viet Nam's long history of invasion & colonization by the Chinese, French, & Japanese; Military leadership and strategy; The influence of the Cold War; Perspectives from soldiers and civilians on both sides of the conflict (on being a POW, the effects of the draft, nationalism, etc.); How advertisers, politicians, and activists used various media (movies, music, television, posters, photographs) to influence public opinion of the war; The fallout of the war in Cambodia, Laos, & the United States. The Viet Nam conflict defined a generation and a nation—Find out why.

Credits: High School (0.5) **Length:** 1 Semester **Host School:** Marathon

World History I: The Ancient World

Prerequisite(s): None

Grades: 11-12

Description: Students learn about the rise of civilizations in the Near East, the Egyptians in the days of the Pharaohs, and the warring City-States of Mesopotamia. The culture and society of the Ancient Greeks will be examined, from the militaristic polis of Sparta to the world's first democracy in Athens. Special attention will be paid to how the philosophy of ancient Greece has shaped western culture. The rise and fall of the Roman Republic and Empire will be analyzed, from its beginning as a small city to the most powerful Empire the world had ever known. Special attention will be paid to individuals of high influence and examining the impact of the individual on the course of history. Finally, we will examine the rise of Christianity and the barbaric kingdoms of Europe following the collapse of Rome. World History I and II may be taken in any order.

Credits: High School (0.5) **Length:** 1 Semester **Host School:** Granton

World History II: Renaissance to Today

Prerequisite(s): None

Grades: 11-12

Description: Students will learn about the Middle Ages through our current times. As the Renaissance brings new light to Europe in the areas of science, mathematics, art, literature, and music, Europe also begins to dominate the globe politically. We will examine how this European dominance began as well as how it has impacted the world we inherit today. Time periods of focus will include the Renaissance, revolutionary Europe in the 1800's, and the dynamic 20th century. Special attention will be paid to the concepts of revolution, art, philosophy, technology, warfare and current events. Students will be expected to think critically about readings and writing and question conventional understandings of what history is and how it affects the world today. World History I and II may be taken in any order.

Credits: High School (0.5) **Length:** 1 Semester **Host School:** Granton

World War II

Prerequisite(s): Completion of home district U.S. History requirements

Grade: 11-12

Description: Very few wars can be defined in terms of "good vs. evil." World War II is one such war. The global conflict from 1939 to 1945 shook the world and had lasting reverberations that we are dealing with to this day. It was *the* most widespread (fought across 6 of the 7 continents), costly, and destructive war in the history of the planet. Guided reading assignments—along with research studies and class projects—will take students from Hitler's rise to power in 1933 to the surrender of the Japanese in 1945. Students will delve into a host of topics along the way, including: Major foreign & domestic events of WWII (e.g., Battle of the Bulge, the Holocaust, Okinawa, Iwo Jima, Hiroshima, Normandy, D-Day, & Pearl Harbor); Axis & Allied powers; Life under German occupation; Technological advancements; The role of women during the war; Espionage and war crimes; Cultural stereotypes (then & now). Actual historical documents, diaries/memoirs, newspaper accounts, propaganda pieces, and films about World War II will be examined as well as their relative credibility as a source.

Credits: High School (0.5) **Length:** 1 Semester **Host School:** Marathon

World War II

Prerequisite(s): “B” average in social studies courses

Description: This course is designed to examine World War II in more depth and study than is given in a conventional United States history course. World War II was a pivotal period not only in American History but World History as well. We will examine not only the origins of the war, but also pivotal battles and events such as the Holocaust. We will examine the war from the perspective of ordinary citizens, soldiers and leaders. Finally, we will explore the continuing effects of this war on our society. A student who enrolls in the course must be prepared to do extensive reading, research, various assignments and analysis of World War II culture through examination of films, music, magazines and other cultural items.

Credits: High School (1.0) **Length:** Full Year **Host School:** Athens

Technology Education

Computer Applications I

Prerequisite(s): None

Grades: 9-12

Description: This course will help you use features of Word and Excel 2016 by creating and editing 2 to 3 page documents for a variety of purposes and situations. You will also create and edit a workbook with multiple sheets, and use a graphic element to represent data visually. Students who successfully complete Computer Applications I and II will be eligible to test for Microsoft Office Specialist (MOS) Certification or individual certifications. Course is limited to 18 students.

Credits: High School (0.5) **Length:** 1 Semester (1st Semester) **Host School:** Granton

Computer Hardware Fundamentals

Prerequisite(s): None

Description: Students in Computer Hardware Fundamentals Level 1 will learn the terms, concepts and functions of personal computers, both as stand-alone devices and as networked components. Students will demonstrate knowledge, proper function, and use of computer internal and external components, system configuration, data backup, virus protection, command line and simple networks. This course can help students prepare for CompTIA’s A+ Certification exams, and serves as an NTC dual credit course.

Credits: High School (0.5), NTC Dual Credit (3.0) **Length:** 1 Semester (2nd Semester) **Host School:** Marathon

Computer Hardware Fundamentals II

Prerequisite(s): None

Grades: 11-12

Description: Students in Computer Hardware Fundamentals Level II will learn advanced PC operating system structure, features and use. Explore in depth hard drive management, file sharing, and command line. Helps learner prepare for CompTIA’s A+ Certification exams. NOTE: This course is aligned with the NTC IT Academy. Students who successfully complete CMP204 and then enroll in the IT Academy will not have to retake this course.

Credits: High School (0.5), NTC Dual Credit (3.0) **Length:** 1 Semester (2nd Semester) **Host School:** Marathon

Game and App Programming

Prerequisite(s): None

Grades: 9-12

Description: This course will concentrate on building students’ computational thinking skills and learning the basis of programming. This class will touch upon many new and exciting programming websites and programs. Topics include: Drag and Click/Building Block Programming, Building Apps for an Android phone, Developing Computer Video Games, and JavaScript. This is a student driven class, therefore, topics can change based on student interest.

Credits: High School (0.5) **Length:** 1 Semester **Host School:** Marathon

Interior Design

Prerequisite(s): None

Description: This course is for students interested in designing their own living space or a career in the housing field. Students will create projects that related to decorating interior spaces in residential and commercial spaces. Students will develop skills using color, architectural elements, furniture styles, lighting space, accessories, and other basic interior knowledge.

Credits: High School (0.5) **Length:** 1 Semester (1st Semester) **Host School:** Spencer

Introduction to Information Technology

Prerequisite(s): None

Description: A career in the computer sciences continues to be growing at a rapid rate. Learn the basics with this introduction to the world of computer science. This course takes a hands-on approach to show how a computer works on the inside and the concepts that drive our technologies. Students will learn the basic skills necessary to understand computer hardware, physical makeup, as well as understanding how a computer works, and communicates with other devices through local wired and wireless networks. Students will

research careers that are available in the tech field, as well as understand the modern concept of computer security. Learn the basics and take a step closer to your future in technology.

Credits: High School (0.5) **Length:** 1 Semester (1st Semester) **Host School:** Marathon

Intro to Website Design & Programming

Prerequisite(s): Computer Applications I or approval from instructor

Grade: 11-12

Description: This course introduces students to basic web design using HTML (Hypertext Markup Language) and CSS (Cascading Style Sheets). The course does not require any prior knowledge of HTML or web design. Throughout the course, students are introduced to planning and designing effective web pages; implementing web pages by writing HTML and CSS code; enhancing web pages with the use of page layout techniques, text formatting, graphics, images, and multimedia; and producing a functional, multi-page website. You will also have an introduction to computer programming through codeacademy.com. A certain amount of artistic planning goes into making a website, so many art students will also be interested in taking this course.

Credits: High School (0.5) **Length:** 1 Semester **Host School:** Granton

Web Page Design

Prerequisite(s): None

Grades: 10-12

Description: This course provides students with the skills necessary to design and publish websites. The effective integration of graphics, scanned images, and digital images into web pages will also be explored. Students will learn several different web-page development software packages including Microsoft FrontPage and Macromedia Studio 8 Suite with Dreamweaver, Flash and Fireworks. In addition to learning design and web page development, students will learn about various career opportunities that utilize these skills. Students may apply their learning in this course to develop real web pages for the school district and/or the community.

Credits: High School (1.0) **Length:** Full Year **Host School:** Abbotsford

CWETN Hosted Advanced Placement Courses

Advanced Placement courses allow high school students to earn University credit while still in high school in an intellectually stimulating and rewarding environment. These courses are offered in over 10,000 American high schools and in 64 foreign countries.

AP Calculus

Prerequisite(s): Advanced Math

Grades: 10-12

Description: This course is an accelerated math course. The topics covered are an in-depth study of functions, differential calculus, and integral calculus. Graphic calculators are useful, but not required. The material covered in this year long class will be equivalent to one semester at a university. Students may take the Advanced Placement test at the conclusion of the course. This is also a dual credit course with NTC, so students may receive NTC credits for this class.

Credits: High School/AP Credit (1.0) **Length:** Full Year **Host School:** Spencer

AP CALCULUS AB

Prerequisite(s): Pre-Calculus

Description: This class is for those students who wish to pursue a career in a math-related field or as a preparatory class to college calculus classes. Graphics calculators continue to be used extensively as a tool for increasing understanding of mathematics. Students who sign up for this class should be prepared to participate and work in order to further their own understanding of the power of mathematics. Topics covered will be limits and continuity; derivatives; applications of derivatives; definite integrals; differential equations and mathematical modeling; applications of definite integrals; sequences, L'Hopital's Rule and improper integrals. Learning mathematics involves both achieving a deep understanding of concepts and learning new skills. Your instructor can help you with both of these, but ultimately your learning is your responsibility. A deep understanding can be achieved by reading about, thinking about, and experimenting with the ideas of calculus. Skills can only be developed through practice.

Credit: High School/AP Credit (1.0) **Length:** Full Year **Host School:** Greenwood

AP Calculus AB

Prerequisite(s): Advanced Math

Description: AP Calculus is a yearlong course in introductory calculus with elementary functions. This course is intended for students who have a thorough knowledge of college preparatory mathematics, algebra through advanced math. The topics covered are an in-depth study of functions, differential calculus, and integral calculus. Students will have the opportunity to take the AP Calculus AB examination at the end of the year, at their own cost, for potential college credit. A TI-84 graphing calculator will be used throughout the course.

Credits: High School/AP Credit (1.0) **Length:** Full Year **Host School:** Athens

AP Physics

Prerequisite(s): Completion of Geometry and be in second year of Algebra

Description: Physics is a study of energy. It will have units based upon motion, forces, energy, fluid mechanics, sound, and circular motion. It will include a variety of hands-on activities with an occasional trip outside. Anyone seeking engineering majors, or any other science field should do their utmost to be in this class. It will be math based. Physics will also have group activities such as the ever popular Rube-Goldberg machine. This machine is a large “gadget” that performs an easy task, in a fun way.

Credits: High School/AP Credit (1.0) **Length:** Full Year **Host School:** Marathon

AP Psychology

Prerequisite(s): Introduction to Psychology and/or instructor’s permission

Grade: 12

Description: The purpose of this course is to introduce students to the systematic and scientific study of behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science. In addition to being an AP class this class is also dual credit through Northcentral Technical College (NTC) and any student that gets over a 70% in the class will get 3 college credits from NTC in the field of psychology, which is a required course at most colleges.

Note: This class does not guarantee college credit. The student either has to get a 70% or higher or complete the AP Psychology exam. Admission into this course will be competitive in nature. The AP test costs about \$90.

Credits: High School/AP Credit (1.0)/NTC Dual Credit (3.0) **Length:** Full Year **Host School:** Spencer

AP Statistics

Prerequisite(s): Algebra II

Description: The purpose of the AP course in Statistics is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes:

1. Exploring Data: Describing patterns and departures from patterns
2. Sampling and Experimentation: Planning and conducting a study
3. Anticipating Patterns: Exploring random phenomena using probability and simulation
4. Statistical Inference: Estimating population parameters and testing hypotheses

Students who successfully complete the course and exam may receive credit, advanced placement, or both for one-semester introductory college statistics course. This does not necessarily imply that the high school course should be one semester long. Statistics could be effectively studied in a one-year course.

Credits: High School/AP Credit (1.0) **Length:** Full Year **Host School:** Greenwood

Project CIRCUIT Hosted Classes

Agriculture

Animal Care and Management

Prerequisite(s): None

Grades: 11-12

Description: Provides fundamental knowledge of the animal science field with a transcript credit through CVTC. Topics include animal health, animal environments, anatomy and physiology, genetics and reproduction, animal feedstuffs, and job-related safety. Participants will experience animal concepts through the completion of hands-on activities. Students should have computer and internet access. Again, passing completion of this course will result in transcript credit through CVTC.

Credits: High School (1.0) **Length:** Full Year **Host School:** Eleva-Strum

Biotechnology

Prerequisite(s): None

Grades: 10-12

Description: This course provides a broad introduction to the biotechnology industry, including applications in diverse areas such as health care, agriculture, environmental science, and identification (including forensics) Ethical, Legal, and Social Issues raised by applications in biotechnology will also be discussed. Students should have computer and internet access.

Credits: High School (0.5) **Length:** 1 Semester **Host School:** Eleva-Strum

Large Animal Science

Prerequisite(s): None

Grades: 9-12

Description: This course involves an overview of the anatomy, genetics, nutrition, health, management and selection of various livestock animals. Students will investigate various aspects of the livestock industries, career opportunities, breed identification,

animal selection and facility management. Students will also study current issues and laws affecting livestock activities and ownership. Students should have computer and internet access.

Credits: High School (0.5) **Length:** 1 Semester **Host School:** Eleva-Strum

Leadership and Group Dynamics

Prerequisite(s): None

Grades: 10-12

Description: With a hands-on, activity-based approach, this class will challenge students to find the leader within an order to make them competitive in today's society. This course is designed to educate the student on premier leadership, personal growth and career success. Skills in the areas of communication, goal setting, time management, financial planning, and job interviews will be taught. Students should have computer and internet access.

Credits: High School (0.5) **Length:** 1 Semester **Host School:** Eleva-Strum

Small Animal Science

Prerequisite(s): None

Grades: 9-12

Description: This course will focus on the science of small animal care, health and nutrition, breeding and reproduction, housing, and training of pet or companion animals. Students will investigate into the various aspects of the small animal industries, career opportunities, and developing a schedule of proper care and handling for a chosen animal will be the product of this class. Students will also study current issues and laws affecting the small animal activities and ownership. Students should have computer and internet access.

Credits: High School (0.5) **Length:** 1 Semester **Host School:** Eleva-Strum

Business

Accounting

Prerequisite(s): None

Description: Congratulations! You have taken the first step to being more financially aware and to understand the American economy. This class will take you through the steps of how businesses report and record their income and output of money. In addition, you will review (learn) how to balance your checkbook. By completing this course, you will receive credit through Western Technical College and could receive credit from other colleges, if they allow it.

Credits: High School (1.0), Transcribed Credit (3.0) through Western **Length:** Full Year **Host School:** Arcadia

Business Law

Prerequisite(s): None

Description: This course is designed to acquaint students with the basic legal principles relevant to their roles as citizens, consumers, and employees. The law is interpreted through case studies, class lecture, and videos. Business Law is a required class for all business majors in college – start learning it now!

Credits: High School (0.5) **Length:** 1 Semester (2nd Semester) **Host School:** Arcadia

Intro to Business

Prerequisite(s): None

Description: Topics included are the major elements in the business environment, types of business ownership, competition in the domestic and international market, management of human and financial resources, government's role in business, money and financial institutions, and consumer connections.

Credits: High School (0.5), Transcribed Credit (3.0) through Western **Length:** 1 Semester **Host School:** GET

Personal Finance

Prerequisite(s): None

Description: Do you love money? Most students do! Personal Finance will teach you how to manage, save, and spend money the smart way. Learning about money management, consumer purchasing, banking, credit and the consequences of mismanaged money will help you succeed in the world of finance. This course is entirely online.

Credits: High School (0.5)

Host School: GET

Family & Consumer Education

Assistant Child Care I

Prerequisite(s): Parenting, Child Development or Intro to Psychology

Description: This class is recommended for students with an interest in working with children. Career ideas that would greatly benefit from this course include: Pre-K to third grade education, Early Childhood Education, Daycare Teacher or Home Daycare

settings, elementary guidance, social workers, and anyone who plans on spending time with young children. This course certifies students for an entry-level position as an assistant childcare teacher in Wisconsin. Students need an 85% average, 85% attendance, to be at least 17 years old upon completion, and to complete a 10-hour job shadow to meet state certification requirements. Those not meeting requirements may still get HS credit only, with a final grade minimum of 75%. Students will need a computer and Internet access for the class.

Credits: High School (0.5) **Length:** 1 Semester (2nd semester) **Host school:** ACHM

Assistant Child Care I

Prerequisite(s): Child Development

Description: Are you interested in a career working with children or their families? ACCT (Assistant Child Care Teacher) will jump-start your career in childcare and/or education. By taking this course you will attain licensure through the State of Wisconsin as a registered Assistant Child Care Teacher. Some topics included in this course are childcare classroom activities, safety, health and first aid, proper care of young children, creating meals and snacks, communicating with families, creating lessons for children, professional development, and classroom environment. A class-run daycare center is also part of the course.

Credits: High School (0.5), Articulated for Advanced Standing w/Western (3.0) **Length:** 1 Semester **Host school:** GET

Child Development

Prerequisite(s): None

Description: This class will help students to develop an understanding of prenatal care, fetal development, pregnancy and birth, bonding and infant development, health/safety needs, and the care of young children from birth through age six. Through class discussion and individual and group projects, students will study the development and care of young children focusing on issues that relate to their development. Occupations in early childhood fields will be explored. This course is required of any individual taking Assistant Child Care Teacher who wishes to obtain certification.

Credits: High School (0.5) Transcribed Credit (3.0) through Western **Length:** 1 Semester **Host School:** GET

Foreign Language

French I

Prerequisite(s): None

Description: This course is an introduction to the French language and Francophone culture. Students will practice all four communication skills: reading, writing, speaking, and listening. They are expected to try to communicate on familiar topics in French, and by the end of the first year, students can communicate on familiar topics such as self, family, school, hobbies, likes and dislikes. Canvas is used as a method to help deliver content, lessons, and some formative assessments.

Credits: High School (1.0) **Length:** Full Year **Host School:** Eau Claire Memorial

French II

Prerequisite(s): French I

Description: This course expands those skills learned in French I. As they study Francophone culture, students continue to build communication skills in reading, writing, speaking, and listening. Students are expected to communicate on a variety of familiar topics in French. Canvas is used as a method to help deliver content, lessons, and some formative assessments.

Credits: High School (1.0) **Length:** Full Year **Host School:** Eau Claire Memorial

Science

Heredity and Genetics

Prerequisite(s): Biology (grade C or better or instructor consent)

Grades: 11-12

Description: Heredity and genetics is a semester long introductory course focusing on the principles of heredity, genetic technologies, and bioethical issues. Topics will include DNA structure and function, inheritance of human and animal traits, complex patterns of inheritance, and current advances in genetics and DNA technology as they apply to medicine and agriculture, along with bioethical issues raised by these technologies.

Credits: High School (0.5) **Length:** 1 Semester **Host School:** Blair-Taylor

Plant Science

Prerequisite(s): None

Grades: 9-12

Description: This course includes the introduction to plant science including anatomy, careers, hormones, diseases, etc. Students will apply classroom knowledge to greenhouse concepts.

Credits: High School (0.5) **Length:** 1 Semester **Host School:** Eleva-Strum

Zoology

Prerequisite(s): Biology (grade C or better or instructor consent)

Grades: 11-12

Description: Zoology explores the organisms of the animal kingdom, from microscopic to mammals. Focus will be on the adaptations and complexity of each order of animals and the characteristics that divide them into taxonomic categories. If we have time we will also explore animal behavior and training. The sequence of topics is similar to that covered in most college introductory biology courses.

Credits: High School (0.5) **Length:** 1 Semester **Host School:** Blair-Taylor

Social Studies

History 201: United States History to 1877

Prerequisite(s): Must have taken and completed a yearlong US History class in high school

Grades: Must be a junior or senior and be accepted into the University of Wisconsin-Oshkosh

CAPP Requirements: Must meet at least ONE of the following three requirements

1. Class rank in the top 25%
2. GPA of a 3.25 or above on a 4.0 scale
3. ACT score of 24 or higher with one of the following...
 - a. Rank in top 50%
 - b. GPA 2.75 or above

Description: US History 201 is a course being offered through the Cooperative Academic Partnership Program at the University of Wisconsin-Oshkosh.

This course is designed to introduce students to the political, economic, and cultural events and problems in American history up to 1877. This college-level survey will provide students with analytical skills, factual knowledge, and writing abilities necessary to investigate and understand the nation's political, diplomatic, intellectual, cultural, social, and economic history from inception to 1877. Major areas of concentration include: voyages of discovery and early European settlement in North America; colonial rivalries; the struggle of English colonies for independence, expansion and development of young republic; crisis of Civil War; and finally, reconstruction.

Credits: High School (0.5), CAPP (3.0) **Length:** 1 Semester **Host School:** Whitehall

History 202: United States History since 1877

Prerequisite(s): Must have taken and completed a yearlong US History class in high school

Grades: Must be a junior or senior and be accepted into the University of Wisconsin-Oshkosh

CAPP Requirements: Must meet at least ONE of the following three requirements

1. Class rank in the top 25%
2. GPA of a 3.25 or above on a 4.0 scale
3. ACT score of 24 or higher with one of the following...
 - a. Rank in top 50%
 - b. GPA 2.75 or above

Description: US History 202 is a course being offered through the Cooperative Academic Partnership Program at the University of Wisconsin-Oshkosh.

This course is designed to introduce students to the political, economic, and cultural events and problems in American history since 1877. This college-level survey will provide students with analytical skills, factual knowledge, and writing abilities necessary to investigate and understand the nation's political, diplomatic, intellectual, cultural, social, and economic history from 1877 to the present. Major areas of concentration include: The Forging of an Industrial Society, Expansion of America, Struggle for Justice Home and Abroad, and Making of Modern America.

Credits: High School (0.5), CAPP (3.0) **Length:** 1 Semester **Host School:** Whitehall

Psychology

Prerequisite(s): None

Grades: 11-12

Description: The curriculum provides an overview of basic psychological concepts such as brain development, function, personality, altered states of consciousness, and abnormal behaviors. Students are expected to design, execute, present, and experiment. Writing skills are emphasized in this course.

Credits: High School (0.5) **Length:** 1 Semester **Host School:** Whitehall

U.S. History 1865-Present

Prerequisite(s): None

Description: Typically offered to Juniors, the content of the class covers the Period of time from Civil War Reconstruction to the year 2005. This class is taught both chronologically and thematically. Simulations, research projects, debates and a National History Day project comprise the majority of the classroom activities.

Credits: High School Credit (1.0) **Length:** Full Year **Host School:** Eleva-Strum

Project CIRCUIT Hosted Advanced Placement Courses

Advanced Placement courses allow high school students to earn University credit while still in high school in an intellectually stimulating and rewarding environment. These courses are offered in over 10,000 American high schools and in 64 foreign countries.

AP Calculus

Prerequisite(s): Pre-Calculus

Description: This is an introductory calculus course with elementary functions. It is taught as an advanced placement class. Calculus is intended for students who have a thorough knowledge of college preparatory mathematics including algebra, formal geometry, rectangular and polar coordinates, equations and graphs, lines, and conics.

Credits: High School/AP Credit (1.0) **Length:** Full Year **Host School:** Whitehall

AP US History

Prerequisite(s): None

Grades: 11-12

Description: AP U.S. History students will develop an in-depth understanding of American History and government through the use of primary documents, textbook assignments, and supplementary readings. Lecture and discussion, simulations, Weekly text book readings with Identifier assignments where the student will be responsible for finding definitions and answers to questions from the text, Document Based Question tests where students will write an essay on a given topic using different primary sources, multiple choice quizzes, short answer and document based question quizzes will form the basis for class activities and help prepare the students to take the Advanced Placement Examination in May.

Credits: High School (1.0) **Length:** Full Year **Host School:** Eleva-Strum

AP World History

Prerequisite(s): None

Description: Advanced Placement World History is a challenging full year course that will focus on historical themes and key concepts that cover distinct chronological periods in world history. AP World History is the equivalent of an introductory college survey course complete with a college level text, assignments and assessments. The function of this class is to prepare students for higher level college courses and to gain an appreciation for world history and the interconnectivity of the worlds civilizations throughout time. It is the goal of the instructor to have student demonstrate their mastery of the course by taking the College Board AP World History Exam in May.

Credits: High School (1.0) **Length:** Full Year **Host School:** Eleva-Strum

WIN Hosted Classes

Foreign Language

French I

Prerequisite(s): None

Description: This course is an introduction to the French language and Francophone culture. Students will practice all four communication skills: reading, writing, speaking, and listening. They are expected to try to communicate on familiar topics in French, and by the end of the first year, students can communicate on familiar topics such as self, family, school, hobbies, likes and dislikes. Canvas is used as a method to help deliver content, lessons, and some formative assessments.

Credits: High School (1.0) **Length:** Full Year **Host School:** Eau Claire Memorial

French II

Prerequisite(s): French I

Description: This course expands those skills learned in French I. As they study Francophone culture, students continue to build communication skills in reading, writing, speaking, and listening. Students are expected to communicate on a variety of familiar topics in French. Canvas is used as a method to help deliver content, lessons, and some formative assessments.

Credits: High School (1.0) **Length:** Full Year **Host School:** Eau Claire Memorial

TECHNICAL COLLEGE COURSES

Certified instructors teach these courses from NTC (Northcentral Technical College), Western Technical College, and CVTC (Chippewa Valley Technical College) using technical college books and materials. Students receive regular technical college credit upon completion of the course(s). Upon successful completion of the course, students will receive an official transcript with grade and credit(s) recorded at the technical college. Students enrolled in technical college courses will also receive high school credit (dual credit).

These courses are of college level integrity and rigor. Courses will be taught on the technical college calendar as stated in the course syllabus. Absences due to conflicting high school activities must be pre-arranged with the instructor, and students will be responsible for any missed work.

**Are you wondering how your Technical College course might transfer into one of the UW-System campuses? You can look up specific courses and campuses at this website: www.uwsa.edu/tis/. The Transfer Information System (TIS) is managed by the University of Wisconsin System and developed in conjunction with the Wisconsin Technical College System.

CVTC

Academic Success Strategies (890-205)

Prerequisite(s): None

Description: This one credit course covers success strategies for academic, professional, and life contexts. Students will learn about the academic community, and they will learn strategies and tactics related to effective studying, time management and prioritization, and problem solving. Emphasis will be placed on service learning and community involvement.

Credits: CVTC Credit (1.0) **Length:** 1 semester

CAD Basic (606-161)

Prerequisite(s): None

Description: Basic computer-aided drafting and design (CAD) uses two-dimensional AutoCAD software and commands to create entities, edit, store, and print CAD drawings. Topics include entity creation of arcs, circles, lines, coordinates, editing functions, scaling, making templates, text detailing, layers and line types, viewpoints, model space layout and paper space practices, dimensioning styles, calculation strategies, blocks, groups, libraries, attributes, bills of materials, and plotting to scale. A final project permits the student to apply technical skills to a detailed mechanical design drawing. All assignments are documented within an AutoCAD portfolio.

Credits: CVTC Credit (3.0) **Length:** 1 Semester

ECE: Foundations of Early Childhood Education (307-148) (Online only)

Prerequisite(s): None

Description: This course introduces you to the early childhood profession. Course competencies include: integration of strategies that support diversity and anti-bias perspectives; investigate the history of early childhood education; summarize types of early childhood education settings; identify the components of a quality early childhood education program; summarize responsibilities of early childhood education professionals; explore early childhood curriculum models.

Credits: CVTC Credit (3.0) **Length:** 1 semester

ECE: Health, Safety, and Nutrition (307-167) (Online only)

Prerequisite(s): None

Description: This course examines the topics of health, safety, and nutrition within the context of the early childhood educational setting. Course competencies include: integrate strategies that support diversity and anti-bias perspectives; follow governmental regulations and professional standards as they apply to health, safety, and nutrition; plan a safe early childhood environment; plan a healthy early childhood environment; provide nutritionally sound menus; examine Child Abuse and Neglect (CAN) issues and mandates; apply Sudden Infant Death Syndrome (SIDS) risk reduction strategies; incorporate health, safety, and nutrition concepts into the children's curriculum.

Credits: CVTC Credit (3.0) **Length:** 1 semester

ECE: Infant and Toddler Development (307-151) (Online only)

Prerequisite(s): None

Description: In this course you will study infant and toddler development as it applies to an early childhood education setting. Course competencies include: integrate strategies that support diversity and anti-bias perspectives; analyze development of infants and toddlers (conception to three years); correlate prenatal conditions with development; summarize child development theories; analyze the role of heredity and the environment; examine culturally and developmentally appropriate environments for infants and toddlers, examine the role of brain development in early learning (conception through age three); examine care giving routines as curriculum.

Credits: CVTC Credit (3.0) **Length:** 1 semester

English Composition 1 (801-136)

Prerequisite(s): None

Description: This course is designed for learners to develop knowledge and skills in all aspects of the writing process. Planning, organizing, writing, editing and revising are applied through a variety of activities. Students will analyze audience and purpose, use elements of research, and format documents using standard guidelines. Individuals will develop critical reading skills through analysis of various written documents.

Credits: CVTC Credit (3.0) **Length:** 1 Semester

English Composition 2 (801-223)

Prerequisite(s): None

Description: Advances composition skills, emphasizing well-reasoned argumentative research papers. Focuses on critical thinking, college-level discourse, as well as the following modes of literacy: writing, speaking, reading, and listening. Increases understanding and appreciation of the genres through analyzing and writing about fiction, drama, and poetry. Students conduct research using primary and secondary library resources, surveys and questionnaires, observations and interviews, documented in the MLA, APA, or Chicago-style formats. Students develop an appreciation for the stylistic, constructive and linguistic conventions of baccalaureate writing and communication as they apply to their own academic disciplines.

Credits: CVTC Credit (3.0) **Length:** 1 Semester

Introduction to Literature (801-204)

Prerequisite(s): None

Description: Introduction to Literature increases the understanding and appreciation of literary genres through analyzing and writing about non-fiction, fiction, drama, and poetry. Students conduct research using library resources and learn to document in MLA-style format. Students develop an appreciation for the stylistic, constructive, and linguistic conventions of baccalaureate writing and communication.

Credits: CVTC Credit (3.0) **Length:** 1 Semester

IT-Software Developer Exploration (152-102)

Prerequisite(s): None

Description: This is an introductory course that explores programming concepts, examines career possibilities for graduates of the Software Developer degree, and looks at current and future trends of the information technology industry.

Credits: CVTC Credit (1.0) **Length:** 1 Semester

Legal Terminology (106-162)

Prerequisite(s): None

Description: Emphasis is placed on developing an understanding of legal terminology through the study of law itself and on using legal terminology in many different ways. Legal terminology covers general law terms as well as specialized legal terminology. A sound knowledge of terminology is the key foundation for anyone considering a career in the legal or business world.

Credits: CVTC Credit (3.0) **Length:** 1 semester

Manufacturing Process & Production (625-121)

Prerequisite(s): None

Description: The Manufacturing Skills Standards Council (MSSC) Manufacturing Process and Production certification is built upon standards for foundational skills and knowledge in the manufacturing setting. This certification capitalizes on a blended learning approach, students experience lectures, self-paces studies, online labs, and individual and group activities. Course topics include: machine automation, electrical principles, mechanical principles, pneumatic pressure and flow, bearings and couplings among others. Once the course is completed, students may take the Manufacturing Process and Production certification exam.

Credits: CVTC Credit (3.0) **Length:** 1 Semester

Medical Terminology (501-101)

Prerequisite(s): None – However, students should have basic computer literacy skills and basic knowledge of Microsoft Office Suite to aid in success.

Description: This course focuses on the component parts of medical terms: prefixes, suffixes, and word roots. Students practice formation, analysis, and reconstruction of terms. Emphasis on spelling, definition, and pronunciation. Introduction to operative, diagnostic, therapeutic, and symptomatic terminology of all body systems, as well as systemic and surgical terminology.

Credits: CVTC Credit (3.0) **Length:** 1 Semester

Native American History (803-214)

Prerequisite(s): None

Description: This course is a survey of religion, social structure, art, and intertribal relations of various indigenous peoples within the boundaries of the present-day United States. Emphasis is placed on pre-European settlement; the cultural impact and consequences of

European colonization; the 17th and 18th century wars for empire; forced removal of native peoples; and the establishment of Native American reservations. The course will conclude with an examination of political, economic, and social issues Native Americans face today.

Credits: CVTC Credit (3.0) **Length:** 1 Semester

Psychology, Introduction to (809-198)

Prerequisite(s): None

Description: This introductory course in psychology is a survey of the multiple aspects of human behavior. It involves a survey of the theoretical foundations of human functioning in such areas as learning, motivation, emotions, personality, deviance and pathology, physiological factors, and social influences. Additional topics include research methods, biological and environmental impacts, development, sensation and perception, consciousness, intelligence and stress. This course directs the student to an insightful understanding of the complexities of human relationships in personal, social, and vocational settings.

Credits: CVTC Credit (3.0) **Length:** 1 Semester

Race and Ethnicity (809-272)

Prerequisite(s): None

Description: Examination of racial and ethnic minority groups in the U.S. (Native, African, Hispanic and Asian Americans) and the causes, impacts and costs of individual and institutional prejudice, discrimination and racism in American society. Course will also explore how class, gender, and sexuality intersect with race and ethnicity.

Credits: CVTC Credit (3.0) **Length:** 1 Semester

Intro to Sociology (809-196)

Prerequisite(s): None

Description: Basic study of the role of society, culture and socialization in shaping individual behavior and societal institutions. Emphasis is placed upon applying sociological principles to both students' job settings and to their interpersonal relationship.

Credits: CVTC Credit (3.0) **Length:** 1 Semester

Speech (801-198)

Prerequisite(s): None

Description: Explores the fundamentals of effective oral presentation to small and large groups. Topic selection, audience analysis, methods of organization, research, structuring evidence and support, delivery techniques, and other essential elements of speaking successfully, including the listening process, form the basis of the course.

Credits: CVTC Credit (3.0) **Length:** 1 Semester

NTC

Agriculture

Intro to Animal Science (Online)

Prerequisite(s): None

Description: Introduces the basics of livestock management. Examines management of the dairy herd with concentration on nutrition, feedstuff's classification, reproduction, genetics, animal behavior, animal health and sustainable agriculture practices. Learners will explore basic husbandry and care procedures for animals. This is offered in an online format.

Credits: NTC Credit (3.0) **Length:** 1 Semester

Business and Community Services

Accounting 1 (Blended or Online)

Prerequisite(s): None

Description: Introduces accounting concepts and financial statements for sole proprietorships. Learners analyze and record routine transactions, adjusting entries, and closing entries. Learners prepare the Income Statement, Statement of Owner's Equity, and the Balance Sheet from the financial records they create for service and merchandising businesses. Covers accounting for sales, inventory, cash, and receivables.

Credits: NTC Credit (4.0) **Length:** 1 Semester

Accounting 2 (Blended or online)

Prerequisite(s): Accounting 1

Description: Expands on the accounting concepts presented in Accounting 1. Introduces the learner to fixed assets, intangible assets, current and payroll liabilities, Partnerships, Corporations, bonds, the Statement of Cash Flows, and financial statement analysis. Demonstrate achievement by completion of various projects.

Credits: NTC Credit (4.0) **Length:** 1 Semester

American Sign Language (ASL) 1

Prerequisite(s): None

Description: Focuses on interactions using ASL among learners who have little or no knowledge of ASL and Deaf culture. Learners will learn the skills needed to communicate comfortably in a variety of situations. Cultural information is included throughout the course. Learners will interact with the Deaf community in way that demonstrates their cultural awareness and respect. Students must have access to a device that is compatible with Panopto which is what they will use for recordings for assignments. Minimum 2 students per site; maximum 20 students and/or 9 sites.

Credits: NTC Credit (2.0) **Length:** 1 Semester

American Sign Language (ASL) 2

Prerequisite(s): ASL 1

Description: Acquires additional language functions, grammar structures, cultural behaviors and conversation strategies. Challenge test available. Students must have access to a device that is compatible with Panopto which is what they will use for recordings for assignments. Minimum of 2 students required at each site; maximum 20 students and/or 9 sites.

Credits: NTC Credit (2.0) **Length:** 1 Semester

Building and Problem Solving

Prerequisite(s): None

Description: Team development and facilitation is crucial to the success of every organization. Whether you're interested in team leadership or being a contributing and productive team member, this course is for you. In Team Building and Problem Solving you will develop and apply the skills and tools necessary to form and facilitate effective teams, pinpoint the root cause of problems, identify the best solution to solve complex problems and resolve conflict between team members. The knowledge and abilities developed and utilized in this course will be in part of your skill set throughout your careers.

Credits: NTC Credit (3.0) **Length:** 1 Semester

Customer Service (Blended)

Prerequisite(s): None

Description: Customer service is much more than answering questions and handling complaints. Research has shown that most often customers choose to spend their money where they get the best service. In this course, we will explore the importance of customer service, understanding and satisfying the customer's needs, and ways to interact with the customer.

Credits: NTC Credit (2.0) **Length:** 1 Semester

The following three ECE classes will be offered in a year-long sequence. Successful completion of all three courses earns students NTC's Early Childhood Licensing Basic Ages 0-2 state certificate, which is eligible for incentive grant reimbursement under currently release guidelines.

ECE: Foundations of Early Childhood Education

Prerequisite(s): None

Description: This 3-credit course introduces you to the early childhood profession. Course competencies include: integrate of strategies that support diversity and anti-bias perspectives; investigate the history of early childhood education; summarize types of early childhood education settings; identify the components of a quality early childhood education program; summarize responsibilities of early childhood education professionals; explore early childhood curriculum models, and analyze the principles of the WI Model Early Learning Standards.

Credits: NTC Credit (3.0) **Length:** Approximately 11 weeks – part 1 of ECE sequence

ECE: Infant and Toddler

Prerequisite(s): None

Description: In this 3 credit course, you will study infant and toddler development as it applies to an early childhood education setting. Course competencies include: integrate strategies that support diversity and anti-bias perspectives, analyze development of infants and toddlers (conception to three years), correlate prenatal and postnatal conditions with development, summarize child development theories, analyze the role of heredity and the environment, examine culturally and developmentally appropriate environments for infants and toddlers, examine the role of brain development in early learning (conception through age three) and examine care giving routines as curriculum.

Credits: NTC Credit (3.0) **Length:** Approximately 11 weeks – part 2 ECE sequence

ECE: Health, Safety & Nutrition

Prerequisite(s): None

Description: This 3-credit course examines the topics of health, safety and nutrition within the context of the early childhood educational setting. Course competencies include: integrate strategies that support diversity and anti-bias perspectives, follow governmental regulations and professional standards as they apply to health, safety and nutrition, plan a safe and healthy early childhood environment, plan nutritionally sound meals, examine Child Abuse and Neglect (CAN) issues and mandates, apply Sudden

Infant Death Syndrome (SIDS) risk reduction strategies and apply strategies to prevent occurrence of Shaken Baby Syndrome (SBS) and incorporate health, safety and nutrition concepts into the children's curriculum.

Credits: NTC Credit (3.0) **Length:** Approximately 11 weeks – part 3 of ECE sequence

EXCEL 2016 Level 1 (Blended or Online)

Prerequisite(s): None

Description: Introduces learners to introductory topics using Microsoft Excel using real-world activities. Learner topics include entering, editing, and formatting entries; selecting cells and ranges, and creating and modifying basic formulas.

Credits: NTC Credit (1.0) **Length:** 1 Semester

EXCEL 2016 Level 2 (Online)

Prerequisite(s): EXCEL 2016 Level 1

Description: Expands the basic Excel skills with advanced formatting features and utilization of functions. Formatting topics include: themes, cells, styles, custom page setup and more. Function topics include: date, time, IF criteria, lookup functions, troubleshooting formulas and more.

Credits: NTC Credit (1.0) **Length:** 1 Semester

Introduction to Counseling (Blended or Online)

Prerequisite(s): None

Description: Are you a good listener? Do you need to be a better listener? Most people think they are good listeners, but haven't learned the art of true attentive listening. In this class you will use different techniques and skills to draw out the story behind the issues presented.

Credits: NTC Credit (3.0) **Length:** 1 Semester

Introduction to Human Services (Blended)

Prerequisite(s): None

Description: The human services field is broad, working with people from womb to tomb. In this class you will learn an overview of the different careers, values, and skills needed to work in the helping professions. Networking is essential in this field so you get to participate in 10 hours of volunteering in the community outside of class time.

Credits: NTC Credit (3.0) **Length:** 1 Semester

Introduction to Business (Blended)

Prerequisite(s): None

Description: Business is a part of everyone's daily life--as employees, consumers and owners. In this course, you will explore the environment, human side and functional approach to business.

Credits: NTC Credit (3.0) **Length:** 1 Semester

Marketing Principles (Blended)

Prerequisite(s): None

Description: We are all affected by marketing activities on a daily basis, both in our workplace and as consumers. In this course, we will explore consumer demographics, lifestyles and decision making; evaluate product distribution, promotion and price planning; and critique a strategic marketing plan.

Credits: NTC Credit (3.0) **Length:** 1 Semester

POWERPOINT 2016 Level 1 (Blended or Online)

Prerequisite(s): None

Description: Introduces learners to introductory Microsoft PowerPoint skills including creating a new presentation, adding and formatting slides, navigating a slide show, inserting images and backgrounds, and adding transitions and animations.

Credits: NTC Credit (1.0) **Length:** 1 Semester

POWERPOINT 2016 Level 2 (Online)

Prerequisite(s): POWERPOINT 2016 Level 1

Description: Introduces intermediate level of PowerPoint which will expand a learner's skill-set by incorporating SmartArt, charts, and tables into presentations as well as preparing a presentation for final delivery.

Credits: NTC Credit (1.0) **Length:** 1 Semester

WORD 2016 Level 1 (Blended or Online)

Prerequisite(s): None

Description: Introduces learners to basic concepts using the Microsoft Word application through hands-on learning activities. Learners develop foundational skills by applying concepts explored to create business letters, brochures, resumes, newsletters and more. **Credits:** NTC Credit (1.0) **Length:** 1 Semester

WORD 2016 Level 2 (Online)

Prerequisite(s): WORD 2016 Level 1

Description: Introduces learners to intermediate level skills that build on the basics to expand Word skills as they learn special text effects, mail merging and tools essential to long documents.

Credits: NTC Credit (1.0) **Length:** 1 Semester

NEW Supply Chain Management Offerings through Online or Blackboard Collaborate

Professional Networking and Development in Supply Chain Management

Prerequisite(s): None

Description: Investigate career options and learn related job skills, salaries, and employment trends in the supply chain management field. Students will practice job seeking skills as they research a particular job and company. Students will develop a cover letter, resume, and a follow-up letter. Common interviewing and communication skills required for the supply chain management professional will also be addressed.

Credits: NTC Credit (1.0) **Length:** 1 Semester

Supply Chain Process Management

Prerequisite(s): None

Description: Identify the key elements in Supply Chain Management and distinguish the key concepts that define effective Supply Chain Management in the 21st Century. Learners will define effective Supply Chain strategies and demonstrate how to integrate these strategies to organizational objectives. Learners will also identify and utilize continuous improvement strategies to improve existing Supply Chains.

Credits: NTC Credit (1.0) **Length:** 1 Semester

Operations Control

Prerequisite(s): None

Description: Examines the operations function, operations and the associated supply chain strategy. In Operations Control learners will demonstrate effective planning to manage the flow of materials, labor and services through the operations process. Upon completion of Operations Control learners will have determined the importance to the firm of decisions made in the operations function and its associated supply chain. The need for strategy to guide all decision making is emphasized.

Credits: NTC Credit (1.0) **Length:** 1 Semester

Foundations of Inventory

Prerequisite(s): None

Description: Learners will gain an operational knowledge of the principles of inventory management, which involves planning and controlling the flow of materials and information to effectively manage an organization's material resources, minimize costs, and provide high levels of customer service. The course provides practical exercises in effective inventory techniques and concepts culminating in creating an inventory control plan for an organization. The inventory control plan will include a flowchart of product and information through an organization from forecast to distribution and establish inventory policies to source, control and transfer materials.

Credits: NTC Credit (1.0) **Length:** 1 Semester

The Role of Logistics

Prerequisite(s): None

Description: Examines the Logistics Management function of supply chain management that plans, implements, and controls the efficient, effective forward and reverse flow and storage of goods, services, and related information between the point of origin and the point of consumption in order to meet customers' requirements. Learners will examine practical management perspective of the following areas of Logistics: order management, distribution, transportation, international logistics, inventory control, facility location, sustainable logistics practices, key performance indicators and supply chain finance.

Credits: NTC Credit (1.0) **Length:** 1 Semester

Transportation Management

Prerequisite(s): None

Description: Transportation is an important part of our economy and daily lives. The product delivered to your door from Amazon or the coat you purchased at the store probably traveled by one of the many transportation modes: air, rail, barge, ship or road. Effective transportation management strategies by businesses are a way to meet customer requirements, control costs and reduce carbon emissions. This course is designed to help students develop an understanding of the impact transportation has on the American people by making available a variety of goods and services from throughout the United States and the world.

Credits: NTC Credit (1.0) **Length:** 1 Semester

Warehousing

Prerequisite(s): None

Description: Warehousing services play an important role in the storage and exchange of goods that we utilize every day. In Warehousing we examine warehouse operations fundamentals to gain an understanding of the physical, technological, process, and safety considerations of warehouse/distribution operations and how things happen before packages are delivered to the consumer. Learners examine and demonstrate a design plan that incorporates: effective and efficient facility configuration, storage and handling techniques, operating activities, metrics, customer service considerations, human and capital asset requirements and the role of distribution operation in different industries.

Credits: NTC Credit (1.0) **Length:** 1 Semester

Purchasing Process

Prerequisite(s): None

Description: We all make simple or major purchases almost every day of our lives. Have you wondered what a purchasing or procurement professional does? The answer is not so simple. The procurement professional purchases goods or services in the correct quantity, of the appropriate quality, makes sure it arrives at the required time, is purchased from a reliable supplier partner under the optimal contractual terms to accomplish the goals of an organization. Purchasing Process examines the entire progression from bidder selection, evaluations and negotiations that go into the vital, challenging and exciting purchasing profession.

Credits: NTC Credit (1.0) **Length:** 1 Semester

Health

Medical Terminology (Blended or Online)

Prerequisite(s): None

Description: When you are watching your favorite medical television show do you understand what they are saying? This course will allow you to better understand all body systems in a new and exciting language. If you are interested in any health profession, this is a wonderful introductory medical course that allows you to explore the world of medicine.

Credits: NTC Credit (3.0) **Length:** 1 Semester

Introduction to Health Careers (Blended)

Prerequisite(s): None

Description: When you are watching your favorite medical television show, did you ever wonder what all of the health professions do? This course will allow you to explore the job descriptions of several health careers while learning the personal characteristics needed to be successful in those careers and the career planning necessary when entering the field of medicine.

Credits: NTC Credit (1.0) **Length:** 1 Semester

Customer Focused Caregiving (Blended)

Prerequisite(s): None

Description: Do you want to learn more about customer service? This two-credit online course will allow you to learn how healthcare workers function professionally in the healthcare setting. Also, this course will allow you to understand how passionate communication fosters healing of the human body.

Credits: NTC Credit (2.0) **Length:** 1 Semester

Dental Terminology & Charting (Online)

Prerequisite(s): None

Description: Have you ever thought about how vital oral health is? Understanding dental terms is the first step in this career path. If you are interested in a dental career path this is the course for you. In this class you will learn the fundamentals of dental terminology along with the proper way to chart symbols in the medical record, how to apply dental abbreviations and the proper dental insurance codes.

Credits: NTC Credit (1.0) **Length:** 1 Semester

Culture of Health Care (Online)

Prerequisite(s): None

Description: If you want to learn more about a variety of healthcare settings this class is for you. As a student, you will learn more about professionalism in a hospital or clinic setting along with communication skills it takes to work with a variation of health professionals in a busy workplace. Students will also learn the importance of patient privacy and confidentiality and why it is so important for you to know.

Credits: NTC Credit (2.0) **Length:** 1 Semester

General Studies

Body, Structure & Function (Online)

Prerequisite(s): None

Description: Have you ever wondered how food is turned into energy in your body? How do your muscles actually work? What happens in your brain when you see an image or sound? Learn this and more in Body, Structure and Function at NTC. This course introduces structures and function of normal human anatomy using a body systems approach. Learners will experience a flexible, online introduction to the concepts of General Anatomy and Physiology.

Credits: NTC Credit (3.0) **Length:** 1 Semester

Calculus (Blended)

Prerequisite(s): High School Level Pre-Calculus

Description: How do you find the area under a curve? Why is calculus so useful in geometry, physics, probability, and economics? This is your opportunity to learn more about calculus and the use of limits to find derivatives and evaluate integrals. If you want to understand what calculus is really about, then this is the course for you! (This is not an AP level course.)

Credits: NTC Credit (4.0) **Length:** 1 Semester

Cents and Sensibility (Blended or Online)

Prerequisite(s): None

Description: Adulting is hard, but it doesn't have to be with the skills learned in Cents and Sensibility. In this course, you will learn more about tasks and tips that will put you on a path to becoming a good consumer, employee and citizen. Topics like decision making, budgeting, loan and credit card shopping as well as learning how to get out of financial trouble will be discussed. Before long you will incorporate more of these skills in your daily life, so why not be prepared for the future by learning personal financial skills today!

Credits: NTC Credit (1.0) **Length:** 1 Semester

College Algebra with Applications (Blended or online)

Prerequisite(s): None

Description: College Algebra builds on the concepts covered in Intermediate Algebra. You will apply a variety of problem-solving strategies and make connections to solve real-life application problems. This course prepares you for success in calculus by covering complex numbers, polynomials, linear and non-linear functions, binomial theorem, and more! (Covers high school level pre-calculus topics.)

Credits: NTC Credit (3.0) **Length:** 1 Semester

English Composition 1 (Blended or Online)

Prerequisite(s): Must have completed sophomore level English course with B or better.

Description: Does the word "essay" scare you? Have you experienced writer's block? Do you want to strengthen your writing process to overcome these common obstacles and become a confident writer? Topics in this course include: the writing process, narrative, comparison, and argument essays, close reading strategies, grammar, and APA formatting. Join this class to develop your academic writing skills.

Credits: NTC Credit (3.0) **Length:** 1 Semester

Intermediate Algebra with Applications (Online)

Prerequisite(s): None

Description: Intermediate Algebra provides development of algebraic concepts beyond elementary algebra. It sharpens the skills necessary for your success in algebra-based courses. This class enables you to use the language, symbols, and notation of mathematics to analyze and solve problems. Intermediate Algebra will prepare you for future math courses! (Cover high school level Algebra II/Advanced Algebra topics.)

Credits: NTC Credit (4.0) **Length:** 1 Semester

Introduction to Diversity (Blended or Online)

Prerequisite(s): None

Description: Tired of having the same old conversations about diversity? Want to be involved in a safe and informed environment where we will discuss the current effects of colorblind racism and historical discrimination and why it matters? In this academic setting, patterns of current and historical relationships between different racial, ethnic, religious, disabled, gender, and LGBTQ+ populations are analyzed. Every informed opinion is welcome. Social Scientists have long been studying and discussing the importance of diversity. Experience a fun and challenging social science course where students often report, "I can't believe how much I learned!"

Credits: NTC Credit (3.0) **Length:** 1 Semester

Introduction to Ethics; Theory & App (Blended or Online)

Prerequisite(s): None

Description: Do ethics really matter? Why be rational when no one else is? Who really decides what is right and wrong? This social science, liberal arts, academic course questions how and why people and societies make decisions. Students will critically evaluate individual, social and professional standards of behavior, and apply a systematic decision-making process to these situations. Most people think philosophical pursuits offer no answers, come and find out for yourself in this academic, social science class, where you are free to think outside of the box.

Credits: NTC Credit (3.0) **Length:** 1 Semester

Intro to Mass Communication (Blended or Online)

Prerequisite(s): None

Description: Do you enjoy social media? Do you understand how mass media influences us? Do you recognize fake news? Some topics in this course include: social media, newspapers, radio, television, movies and advertising. Explore the development of today's mass media and become a critical consumer.

Credits: NTC Credit (3.0) **Length:** 1 Semester

Introduction to Psychology (Blended or Online)

Prerequisite(s): None

Description: This introductory course in psychology is a survey of human behavior. It is a survey of the human condition, such as dating, stress management, alcohol and drugs, human sexuality, emotions, personality, mental health and social and biological influences. You will gain insight into the complexities of yourself and others in personal, social and work settings.

Credits: NTC Credit (3.0) **Length:** 1 Semester

Introduction to Sociology (Blended or Online)

Prerequisite(s): None

Description: Going through life is not a sole endeavor. Our lives revolve around communicating and interacting with others. We can empower our lives by understanding how society shapes ourselves and those around us. Sociology helps us examine a variety of topics that we experience during our lifetime. This course helps discover and rekindle how we think about our lives and those within the community and world we live in. Using a sociological imagination, we can better understand professional, casual, and intimate relationships, work experiences and life opportunities.

Credits: NTC Credit (3.0) **Length:** 1 Semester

Oral/Interpersonal Communication (Blended or Online)

Prerequisite(s): None

Description: Are you comfortable meeting new people? Do you know why some relationships fail? Are you a team player? Some topics explored in this course include: interpersonal communication, relationship building, and successfully working in groups. Explore the complexity of communicating with individuals and groups and improve your most important employment skills.

Credits: NTC Credit (3.0) **Length:** 1 Semester

Speech (Blended or Online)

Prerequisite(s): None

Description: Is presenting a speech uncomfortable? Is organizing your thoughts difficult? Do you know when to inform and when to persuade others? Some topics explored in this course include: communication apprehension, organizing and presenting informative, persuasive and special occasion speeches. Learn to overcome the #1 fear in America, public speaking.

Credits: NTC Credit (3.0) **Length:** 1 Semester

Think Critically and Creatively (Blended or Online)

Prerequisite(s): None

Description: #fakenews. In this time of misinformation and the questioning of sources, the topic of critical thinking helps to avoid falling victim to mistakes in logic and reasoning. In this course, you will examine faulty logic, learn more about how to make decisions and set goals and also how to argue for and against controversial issues. Slowing down to think about thinking is key in this course. Enroll now to sharpen your critical thinking skills and become the critical thinker that your future employer, family, friends and community need.

Credits: NTC Credit (3.0) **Length:** 1 Semester

Trigonometry w/Apps (Blended)

Prerequisite(s): Algebra 2 or Pre-Calculus

Description: How can you find the height of a building without climbing it? What is the depth of a crater on the moon? Why are the outside curves on a highway elevated? Find the answers using trigonometry! Topics explored in this course include: functions, graphing, triangles, polar coordinates, and vectors. Learn more about this extremely useful and practical math.

Credits: NTC Credit (3.0) **Length:** 1 Semester

Written Communication (Blended or Online)

Prerequisite(s): None

Description: You're angry! How do you communicate your frustration in a professional way? How can you land your dream job when you think you don't have experience? Do you want to be ready for college writing? Some topics explored in this course include: good and bad news messages, cover letters and resumes, and APA formatting. Explore and apply professional workplace communication in this practical writing course.

Credits: NTC Credit (3.0) **Length:** 1 Semester

Public Safety

Current Events in Criminal Justice

Prerequisite(s): Students will need to have a high level of reading and writing skills for this course; research will be required

Description: Students will explore nine current issues related to law enforcement of today. Students will be given scenarios that speak to those issues and will be expected to research, reflect and eventually respond to those scenarios in a manner that effectively addresses the issues being explored.

Credits: NTC Credit (3.0) **Length:** 1 Semester

IT and Engineering

2D Machine Tool CAD

Prerequisite(s): Students must have access to AutoCAD software program

Description: In this course you will study the operation and uses of interactive computer graphics systems. You will also develop your basic skills in creating, modifying, editing, storing and plotting 2 dimensional AutoCAD drawings, while using basic knowledge of available hardware and software on assigned projects. Students must have access to AutoCAD software program.

Credits: NTC Credit (1.0) **Length:** 1 Semester

Computer Fundamentals 1 (Online or Blackboard Collaborate)

Prerequisite(s): None

Description: Learn about computer hardware and mobile devices, the basics of networking and troubleshooting. You'll work on labs in an online, simulated environment. This class helps you prepare for the first Comp TIA A+ Certification exam.

Credits: NTC Credit (3.0) **Length:** 1 Semester

Computer Fundamentals 2 (Online or Blackboard Collaborate)

Prerequisite(s): Computer Fundamentals 1

Description: Learn about the Windows operating system, as well as some Linux and Mac OS. You'll get to use command line in both Windows and Linux. This class can help you prepare for the second Comp TIA A+ Certification exam.

Credits: NTC Credit (3.0) **Length:** 1 Semester

IT Development and Design Fundamentals (Online or Blackboard Collaborate)

Prerequisite(s): Computer Fundamentals 1

Description: Introduces the field of IT software development and design. Learners will explore degree and career paths, IT tools and processes and begin to demonstrate professional communication. Learners will create or modify a simple computer program using an integrated development environment.

Credits: NTC Credit (3.0) **Length:** 1 Semester

Introduction to Computer Support (Online)

Prerequisite(s): None

Description: Learn what computer support is all about in this class. You'll get to practice solving IT problems and work with support software. You will also observe a support professional at work on the job.

Credits: NTC Credit (3.0) **Length:** 1 Semester

Interpreting Engineering Drawings (Online)

Prerequisite(s): None

Description: Explores the foundational skills needed to read and interpret industrial prints. Beginning with the basics, the learner progresses in a logical order through orthographic, pictorial, assembly, section and auxiliary views of products. In addition, you will learn how to interpret part dimensions and tolerances. Emphasis is also placed on title blocks, change blocks and shop notes and symbols. The symbols of geometric dimensioning and tolerancing are introduced.

Credits: NTC Credit (1.0) **Length:** 1 Semester

Principles of Information Security (Online)

Prerequisite(s): None

Description: An introduction to the various technical and administrative aspects of information security and assurance. This course provides the foundation for understanding the key issues associated with protecting information assets, determining the levels of protection and response to security incidents, and designing a consistent, reasonable information security system, with appropriate intrusion detection and reporting features.

Credits: NTC Credit (2.0) **Length:** 1 Semester

Photoshop/Image Manipulation (Blended)

Prerequisite(s): Familiarity with Macintosh operating system. Students must have access to Adobe Photoshop software program.

Description: Students will learn Adobe Photoshop as they create, adjust and manipulate images for print and web. Special attention will be given to image manipulation techniques, color/tonal correction, resolution, and output issues. Students must have access to Adobe Photoshop software program.

Credits: NTC Credit (2.0) **Length:** 1 Semester

SolidWorks 1 (Online)

Prerequisite(s): None

Description: This course will introduce students to basic SolidWorks commands to produce 3-dimensional parts, assemblies and engineering drawings. Students will master beginner level commands and have a thorough understanding of the basic operation of the software. Solidprofessor license must purchased (online textbook/video library) - \$75; license is good for one year.

Credits: NTC Credit (1.0) **Length:** 1 Semester

SolidWorks 2 (Online)

Prerequisite(s): SolidWorks 1

Description: This course will introduce students to intermediate SolidWorks commands to produce 3-dimensional parts, assemblies and engineering drawings. Students will utilize and practice their existing beginner level commands and skills while mastering intermediate level skills with an emphasis on mechanical engineering drafting and design. Upon completion, students will have an opportunity to take the SolidWorks Certified Associate Exam (CSWA) to obtain a highly recognized credential know worldwide. Solidprofessor license must purchased (online textbook/video library) - \$75; license is good for one year.

Credits: NTC Credit (1.0) **Length:** 1 Semester

Technical Drafting/CAD (Online or Blackboard Collaborate)

Prerequisite(s): SolidWorks 1

Description: Introduces basic knowledge and skill development of technical drawings with emphasis on freehand sketching and introductory CAD drawing.

Credits: NTC Credit (2.0) **Length:** 1 Semester

User Experience Design (Online or Blackboard Collaborate)

Prerequisite(s): Computer Fundamentals 1

Description: In this course you will learn and apply user centered design by performing user research, designing and testing a prototype built by you! No programming experience needed.

Credits: NTC Credit (3.0) **Length:** 1 Semester

Web Design 1 (Online or Blackboard Collaborate)

Prerequisite(s): None

Description: Want to learn how to build a web application? What is HTML? CSS? In this course, you will learn the basics of how to develop clear, concise and effective web apps. You will build web pages using HTML and make it look good with CSS. For the final course project, learners will create a personal website portfolio. Along the way, you will be introduced to copyright (copy what?), text editors, how to get your files out to the world and browser tools.

Credits: NTC Credit (3.0) **Length:** 1 Semester

Digital Photography (Online)

Prerequisite(s): None

Description: An introductory look at digital photography as both a hobby and as a profession. The course will cover digital image basics, digital camera features, using digital cameras, photographic techniques, studio photography, basic digital image editing and using and printing digital images.

Credits: NTC Credit (3.0) **Length:** 1 Semester

Western

Developmental Psychology (10809188)

Prerequisite(s): Placement Test Scores ACT Reading 13+, COMPASS Reading 60+, ACCUPLACER Reading 70+, ACCUPLACER Next Generation Reading 250+. In place of test scores, seniors may provide a junior year transcript with a high school GPA of 2.6 or greater. This class requires student participation online in addition to being an Interactive Distance Learning class. Learn more about Western's online learning resources at www.westerntc.edu/getready. If you are enrolling in an online or blended class for the first time, you will be required to complete a series of online training modules prior to the start of the class. **Description:** Developmental Psychology is the study of human development throughout the lifespan. This course explores developmental theory and research with an emphasis on the interactive nature of the biological, cognitive, and psychosocial changes that affect the individual from conception to death. Application activities and critical thinking skills will enable students to gain an increased knowledge and understanding of themselves and others.

Credits: Western Technical College Credit (3) **Length:** 1 Semester (2nd Semester)

Digital Literacy for Healthcare (10501107) (Online)

Prerequisite(s): No test scores required. This class is an entirely online class. Learn more about Western's online learning resources at www.westerntc.edu/getready. If you are enrolling in an online or blended class for the first time, you will be required to complete a series of online training modules prior to the start of the class.

Description: The focus of this course is the use of technology in healthcare. Learners use common business software applications, including word processing, presentation, spreadsheet, and databases. Communication methods using technology are addressed. Learners gain experience with using the electronic health record (EHR). Healthcare EHR security issues, social media use, and digital healthcare resources are examined.

Credits: Western Technical College Credit (2) **Length:** 1 Semester (1st Semester)

Economics (10809195)

Prerequisite(s): Placement Test Scores ACT Reading 13+, COMPASS Reading 60+, ACCUPLACER Reading 70+, ACCUPLACER Next Generation Reading 250+. In place of test scores, seniors may provide a junior year transcript with a high school GPA of 2.6 or greater. This class requires student participation online in addition to being an Interactive Distance Learning class. Learn more about Western's online learning resources at www.westerntc.edu/getready. If you are enrolling in an online or blended class for the first time, you will be required to complete a series of online training modules prior to the start of the class. **Description:** This course is designed to give an overview of how a market-oriented economic system operates, and it surveys the factors which influence national economic policy. Basic concepts and analyses are illustrated by reference to a variety of contemporary problems and public policy issues. Concepts include scarcity, resources, alternative economic systems, growth, supply and demand, monetary and fiscal policy, inflation, unemployment and global economic issues.

Credits: Western Technical College Credit (3) **Length:** 1 Semester (1st & 2nd Semester)

English 1 (20801201)

Prerequisite(s): Placement Test Scores ACT Reading 17+ and English 19+, COMPASS Reading 75+ and Writing 75+, ACCUPLACER Reading 70+ and Sentence Skills 80+, ACCUPLACER Next Generation Reading 250+ and Sentence Skills 263+. In place of test scores, seniors may provide a junior year transcript with a high school GPA of 2.6 or greater. This class requires student participation online in addition to being an Interactive Distance Learning class. Learn more about Western's online learning resources at www.westerntc.edu/getready. If you are enrolling in an online or blended class for the first time, you will be required to complete a series of online training modules prior to the start of the class.

Description: English 1 is designed to help students use the writing process to strengthen and refine their writing skills. Students will use critical reading, thinking, and research skills to produce writing that illustrates their ability to effectively analyze information, synthesize information from sources, and ultimately produce polished prose suitable for various purposes and audiences. This class assumes competence in English grammar and paragraph structure.

Credits: Western Technical College Credit (3) **Length:** 1 Semester (1st Semester)

English 2 (20801203)

Prerequisite(s): Minimum grade of "C" in English 1 (20801201) OR Written Communications (10801195). This class requires student participation online in addition to being an Interactive Distance Learning class. Learn more about Western's online learning resources at www.westerntc.edu/getready. If you are enrolling in an online or blended class for the first time, you will be required to complete a series of online training modules prior to the start of the class.

Description: English 2 continues the study of expository writing for students who wish to attain advanced skills in managing the written language. Students learn critical reading and thinking skills, including textual analysis and evaluations.

Credits: Western Technical College Credit (3) **Length:** 1 Semester (2nd Semester)

English Composition 1 (10801136)

Prerequisite(s): Placement Test Scores ACT English 19+, COMPASS Writing 75+, ACCUPLACER Sentence Skills 80+, ACCUPLACER Next Generation Reading 250+. In place of test scores, seniors may provide a junior year transcript with a high school GPA of 2.6 or greater. This class requires student participation online in addition to being an Interactive Distance Learning class. Learn more about Western's online learning resources at www.westernnc.edu/getready. If you are enrolling in an online or blended class for the first time, you will be required to complete a series of online training modules prior to the start of the class.

Description: This course is designed for learners to develop knowledge and skills in all aspects of the writing process. Planning, organizing, writing, editing and revising are applied through a variety of activities. Students will analyze audience and purpose, use elements of research, and format documents using standard guidelines. Individuals will develop critical reading skills through analysis of various written documents.

Credits: Western Technical College Credit (3) **Length:** 1 Semester (2nd Semester)

Introduction to Psychology (10809198)

Prerequisite(s): Placement Test Scores ACT Reading 13+, COMPASS Reading 60+, ACCUPLACER Reading 70+, ACCUPLACER Next Generation Reading 250+. In place of test scores, seniors may provide a junior year transcript with a high school GPA of 2.6 or greater. This class requires student participation online in addition to being an Interactive Distance Learning class. Learn more about Western's online learning resources at www.westernnc.edu/getready. If you are enrolling in an online or blended class for the first time, you will be required to complete a series of online training modules prior to the start of the class. **Description:** An introductory course in psychology surveying the multiple aspects of human behavior. It addresses the theoretical foundations of human functioning in such areas as perception, learning, motivation, development, personality, health and pathology, exploring physiological and environmental influences. It directs the student to an insightful understanding of the complexities of human relationships in personal and vocational settings.

Credits: Western Technical College Credit (3) **Length:** 1 Semester (1st & 2nd Semester)

Introduction to Sociology (10809196)

Prerequisite(s): Placement Test Scores ACT Reading 13+, COMPASS Reading 60+, ACCUPLACER Reading 70+, ACCUPLACER Next Generation Reading 250+. In place of test scores, seniors may provide a junior year transcript with a high school GPA of 2.6 or greater. This class requires student participation online in addition to being an Interactive Distance Learning class. Learn more about Western's online learning resources at www.westernnc.edu/getready. If you are enrolling in an online or blended class for the first time, you will be required to complete a series of online training modules prior to the start of the class.

Description: Introduces students to the basic concepts of sociology: culture, socialization, social stratification, multi-culturalism, and the five institutions, including family, government, economics, religion, and education. Other topics include demography, deviance, technology, environment, social issues, social change, social organization, and workplace issues.

Credits: Western Technical College Credit (3) **Length:** 1 Semester (1st & 2nd Semester)

Marketing Principles (10104114)

Prerequisite(s): No test scores required. However, this class requires student participation online in addition to being an Interactive Distance Learning class. Learn more about Western's online learning resources at www.westernnc.edu/getready. If you are enrolling in an online or blended class for the first time, you will be required to complete a series of online training modules prior to the start of the class.

Description: Marketing Principles represent the comprehension of the marketing concepts and functions. Major concepts include segmentation, marketing mix, buyer behavior, decisions support systems, consumer and business-to-business products, multicultural and global aspects, business ethics, and e-business. Marketing careers are explored.

Credits: Western Technical College Credit (3) **Length:** 1 Semester (1st Semester)

Oral/Interpersonal Communication (10801196.13)

Prerequisite(s): Placement Test Scores ACT English 16+, COMPASS Writing 56+, ACCUPLACER Sentence Skills 55+, ACCUPLACER Next Generation Sentence Skills 237+. In place of test scores, seniors may provide a junior year transcript with a high school GPA of 2.6 or greater. This class requires student participation online in addition to being an Interactive Distance Learning class. Learn more about Western's online learning resources at www.westernnc.edu/getready. If you are enrolling in an online or blended class for the first time, you will be required to complete a series of online training modules prior to the start of the class.

Description: Focuses upon developing speaking, nonverbal communication, and listening skills through individual speeches, group activities, and other projects.

Credits: Western Technical College Credit (3) **Length:** 1 Semester

Speech (10801198)

Prerequisite(s): Placement Test Scores ACT English 16+, COMPASS Writing 56+, ACCUPLACER Sentence Skills 55+, ACCUPLACER Next Generation Reading 250+. In place of test scores, seniors may provide a junior year transcript with a high school GPA of 2.6 or greater. This class requires student participation online in addition to being an Interactive Distance Learning class. Learn more about Western's online learning resources at www.westernnc.edu/getready. If you are enrolling in an online or blended class for the first time, you will be required to complete a series of online training modules prior to the start of the class.

Description: Explores the fundamentals of effective oral presentation to small and large groups. Topic selection, audience analysis, methods of organization, research, structuring evidence and support, delivery techniques, and other essential elements of speaking successfully, including the listening process, form the basis of the course.

Credits: Western Technical College Credit (3) **Length:** 1 Semester (1st & 2nd Semester)

Race, Class, Gender (20809217)

Prerequisite(s): Placement Test Scores ACT Reading 17+ and English 19+, COMPASS Reading 75+ and Writing 75+, ACCUPLACER Reading 70+ and Sentence Skills 80+, ACCUPLACER Next Generation Reading 250+ and Sentence Skills 263+. In place of test scores, seniors may provide a junior year transcript with a high school GPA of 2.6 or greater. This class requires student participation online in addition to being an Interactive Distance Learning class. Learn more about Western's online learning resources at www.westerntc.edu/getready. If you are enrolling in an online or blended class for the first time, you will be required to complete a series of online training modules prior to the start of the class.

Description: This introductory course examines ethnic, racial, religious and cultural origins of Americans. The course focuses on social interactions that contribute to the understanding of different groups in diverse settings. In addition to an analysis of majority/minority relations in a multicultural context, social class and gender will also be analyzed as a systems of inequality and sources of cultural difference.

Credits: Western Technical College Credit (3) **Length:** 1 Semester

University Credit Courses

BIOL 105 General Biology

Prerequisite(s): No credit if taken after BIOL 100 or BIOL 223. No credit toward biology major or minor. This course cannot serve as a prerequisite for 300-level biology course.

Description: An integrated presentation of important topics and ideas in modern biology. Designed to serve as a broad introduction to the life sciences. Attributes: GE IIA Natural Science-Biology, LE-K1 Natural Sciences

Credits: UWEC-Barron County (3.0) **Length:** 1 Semester

COMM 101 Fundamentals of Oral Communication

Prerequisite(s): None

Description: Introduction to and application of those principles which lead to an understanding of and facility with practical discourse.

Credits: UWSP at Marshfield (2.0 or 3.0) **Length:** 1 Semester

ENGL 101 College Writing and Critical Reading

Prerequisite(s): Placement into ENGL 101

Description: A composition course focusing on academic writing, the writing process, and critical reading. Emphasis will be on essays that incorporate readings.

Credits: UWEC-Barron County (3.0) **Length:** 1 Semester (1st Semester)

ENGL 101 Freshman English

Prerequisite(s): None

Description: Critical reading, logical thinking, and effective writing. Write frequently in and out of class, using specific rhetorical strategies for a variety of purposes and audiences.

Credits: UWSP at Marshfield (3.0) **Length:** 1 Semester

ENGL 102 Critical Writing, Reading, and Research

Prerequisite(s): Placement into ENGL 102 or grade of C or better in ENGL 101

Description: A composition course focusing on researched academic writing that presents information, ideas, and arguments. Emphasis will be on the writing process, critical thinking, and critical reading.

Credits: UWEC-Barron County (3.0) **Length:** 1 Semester (1st and 2nd Semester)

ENGL 150 Introduction to Literature

Prerequisite(s): None

Description: Appreciation and analysis of great works of literature in fiction (short story and novel), poetry, and drama, through the application of a range of critical techniques. Attributes: GE IVD Humanities-Literature, LE-K4 Fine Arts

Credits: UWEC-Barron County (3.0) **Length:** 1 Semester

ENGL 202 Sophomore English

Prerequisite(s): ENGL 101

Description: Analytical reading and writing and the methods of inquiry common to various academic disciplines. Write frequently in and out of class, using suitable sources of information and appropriate documentation methods.

Credits: UWSP at Marshfield (3.0) **Length:** 1 Semester

ENG 274 The Short Story

Prerequisite(s): None

Description: Analysis and discussion of ideas and literary techniques found in the short story with attention to such writers as Chekhov, Dinesen, Borges, Welty. Attributes: GE IVD Humanities-Literature, LE-K4 Fine Arts

Credits: UWEC-Barron County (3.0) **Length:** 1 Semester

ENG 275 The Novel

Prerequisite(s): None

Description: Analysis and discussion of ideas and literary techniques found in the novel with attention to such writers as Austen, Hawthorne, Twain, Joyce, Dostoevsky, Woolf, Heller. Attributes: GE IVD Humanities-Literature, LE-K4 Fine Arts

Credits: UWEC-Barron County (3.0) **Length:** 1 Semester

ENG 276 Poetry

Prerequisite(s): None

Description: Analysis and discussion of ideas and literary techniques found in the poetry with attention to such writers as Shakespeare, Frost, Yeats, Dickinson, Whitman, Rich, Plath, Heaney. Attributes: GE IVD Humanities-Literature, LE-K4 Fine Arts

Credits: UWEC-Barron County (3.0) **Length:** 1 Semester

ENG 277 Drama

Prerequisite(s): None

Description: Analysis and discussion of ideas, literary techniques, and conventions found in drama. Selections will normally range from classical to contemporary and include examples from diverse cultures. Attributes: GE IVD Humanities-Literature, LE-K4 Fine Arts

Credits: UWEC-Barron County (3.0) **Length:** 1 Semester

FREN 101 Beginning French

Prerequisite(s): Placement test required.

Description: An introduction, within a cultural context, to the sounds and structures of French. Emphasis on both the spoken and written language. Attributes: GE IA Communication-Language Arts, LE-S1 Written and Oral Communication

Credits: UWEC-Barron County (4.0) **Length:** 1 Semester

FREN 102 Beginning French

Prerequisite(s): FREN 101 or suitable placement score on the French Placement Exam.

Description: Continuation of French 101. Attributes: GE IA Communication-Language Arts, LE-S1 Written and Oral Communication

Credits: UWEC-Barron County (4.0) **Length:** 1 Semester

FREN 201 Intermediate French

Prerequisite(s): FREN 102 or suitable placement score on the French Placement Exam

Description: This intermediate course develops the four skills of reading, writing, listening, and speaking, while focusing on grammar and vocabulary in a cultural context. Attributes: GE IA Communication-Language Arts, LE-R2 Global Perspectives

Credits: UWEC-Barron County (4.0) **Length:** 1 Semester

FREN 202 Intermediate French

Prerequisite(s): FREN 201 or suitable placement score on the French Placement Exam

Description: Continuation of French 201 Attributes: GE IA Communication-Language Arts, LE-R2 Global Perspectives

Credits: UWEC-Barron County (4.0) **Length:** 1 Semester

KINS 200 Introduction to Kinesiology

Prerequisite(s): No credit if taken after KINS 191

Description: Introduction to disciplines and professions in Kinesiology. Students will become familiar with the possible options available for majors and minors as well as potential careers compatible with a Kinesiology degree.

Credits: UWEC-Barron County (1.0) **Length:** 1 Semester

HIST 101 World History to 1500

Prerequisite(s): None

Description: Major patterns of human society and civilization prior to the modern era, comparing social and political institutions as well as cultural and religious traditions from Africa, Asia, Europe, Mesoamerica and the Middle East.

Credits: UWSP at Marshfield (3.0) **Length:** 1 Semester

HIST 102 World History Since 1500

Prerequisite(s): None

Description: Major patterns of human society and civilization prior in the modern and contemporary eras, analyzing social and political institutions as well as cultural and religious traditions in Africa, Asia, Europe, Latin America, and the Middle East.

Credits: UWSP at Marshfield (3.0) **Length:** 1 Semester

HIST 176 United States to 1877

Prerequisite(s): None

Credits: UWSP at Marshfield (3.0) **Length:** 1 Semester

HIST 177 United States Since 1877

Prerequisite(s): None

Credits: UWSP at Marshfield (3.0) **Length:** 1 Semester

MAT 109 Algebra for Calculus

Prerequisite(s): Two years of college-prep algebra + suitable math placement score. May not be counted for credit toward a major or minor in mathematics.

Description: Modeling real data drawn from biology, the environment, finance, and other physical systems. Topics include the development of linear, polynomial, exponential and logarithmic functions, and the rate of change in an applied setting. Attributes: GE IB Communication-Analytical Skills, LE-R3 Civic and Environmental Issues, LE-S2 Mathematics

Credits: UWEC-Barron County (4.0) **Length:** 1 Semester

MAT 118 Pre-calculus Algebra

Prerequisite(s): MAT 100 or MAT 107 or suitable placement test score

Description: Topics include concepts, graphs, and properties of functions, inverse and algebraic functions, techniques of graphing, conic sections, linear and nonlinear systems, arithmetic and geometric series, mathematic induction and the binomial theorem. Preparation for MAT 120 if you did not place into MAT 120.

Credits: UWSP at Marshfield (4.0) **Length:** 1 Semester

MAT 119 Pre-calculus Trigonometry

Prerequisite(s): MAT 100 or MAT 107 or suitable placement test score

Description: Trigonometric functions, their basic properties and graphs; inverse trigonometric functions; identities; applications. Preparation for MAT 120 if you did not place into MAT 120. May not earn credit in both MAT 112 and MAT 119.

Credits: UWSP at Marshfield (2.0) **Length:** 1 Semester

PHIL 200 What is Happiness

Prerequisite(s): None

Description: Explores happiness through philosophical, religious, and psychological approaches. Attributes: GE IVB Humanities-Philosophy/Religious Studies, LE-I1 Integration, LE-K3 Humanities

Credits: UWEC-Barron County (3.0) **Length:** 1 Semester

PHIL 305 Ethics & Business

Prerequisite(s): None

Description: Major theories of corporate responsibility and their relationships to the personal and social dimensions of business life. Attributes: GE IVB Humanities-Philosophy/Religious Studies

Credits: UWEC-Barron County (3.0) **Length:** 1 Semester

PSYC 110 Introduction to Psychology

Prerequisite(s): None

Description: Introduction to scientific study of behavior and mental processes, and methods used in psychological research.

Credits: UWSP at Marshfield (3.0) **Length:** 1 Semester

SPAN 101 Beginning Spanish

Prerequisite(s): Placement test required.

Description: A foundation in spoken and written Spanish, listening and reading comprehension, grammatical usage, and cultural backgrounds. Attributes: GE IA Communication-Language Arts, LE-S1 Written and Oral Communication

Credits: UWEC-Barron County (4.0) **Length:** 1 Semester

SPAN 102 Beginning Spanish II

Prerequisite(s): SPAN 101 or suitable placement test score on Spanish Placement Exam.

Description: Continuation of Spanish 101. Attributes: GE IA Communication-Language Arts, LE-S1 Written and Oral Communication

Credits: UWEC-Barron County (4.0) **Length:** 1 Semester

SPAN 201 Intermediate Spanish I

Prerequisite(s): SPAN 102 or suitable placement test score on Spanish Placement Exam. Credit may not be earned in both SPAN 201 and SPAN 231.

Description: Review of Spanish grammar and vocabulary, with focus on the development of reading, writing, speaking, and listening skills. Students gain an understanding of the cultures of the Spanish-speaking world through a variety of topics. Attributes: GE IA Communication-Language Arts, LE-R2 Global Perspectives

Credits: UWEC-Barron County (4.0) **Length:** 1 Semester

SPAN 202 Intermediate Spanish II

Prerequisite(s): SPAN 201 or SPAN 231 or suitable placement test score on Spanish Placement Exam. Credit may not be earned in both SPAN 202 and SPAN 232.

Description: Continuation of Spanish 201. Attributes: GE IA Communication-Language Arts, LE-R2 Global Perspectives

Credits: UWEC-Barron County (4.0) **Length:** 1 Semester

WGSS 100 Introduction to Women's Gender & Sexuality Studies

Prerequisite(s): No credit for WGSS 301

Description: This course examines how feminist scholarship offers critical tools for understanding how lived experiences of gender, race, class, sex, and sexuality intersect with colonial, capitalist, and other systems of power. Attributes: Cultural Diversity 1 cr., GE IVE Humanities-Interdisciplinary Studies, LE-DDIV Design for Diversity, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity

Credits: UWEC-Barron County (3.0) **Length:** 1 Semester

CVTC IT-Software Development Specialist

Students work with a text editor and a browser to develop web pages from scratch using HTML and Cascading Style Sheets (CSS) to control color, layout, text, and images. Problem-solving skills are practiced as students complete a variety of programming exercises using the JavaScript programming language. Students explore the history and evolution of databases, and investigate current database usage in the industry. Students who successfully complete the course will earn an IT-Software Development Specialist Technical Diploma from CVTC. This technical diploma prepare individuals to provide technical assistance in resolving software-based computer problems in today's digital office environments. Students will need access to a computer to participate in the academy as classes are online/web-conference.

152-113 Introduction to Programming (1 credit)

Welcome to Introduction to Programming! This is an introductory course that explores programming concepts, skills needed to succeed in Information Technology, and examines career possibilities for graduates of the IT Software Developer degree.

801-196 Oral/Interpersonal Communication (3 credits)

Focus on developing speaking, verbal, and nonverbal communication and listening skills through individual presentations, group activities, and other projects.

152-107 Web 1-HTML & CSS (3 credits)

This course is designed to be a "first course" in website development. Students work with a text editor and a browser to develop web pages from scratch using HTML and Cascading Style Sheets (CSS) to control color, layout, text, and images. Responsive design principles and accessibility standards are incorporated to ensure websites are usable and professional-looking. Tables, forms, audio, and video components are included to add variety and pizzazz.

152-132 Database 1 (3 credits)

Designed as a first database course, this course introduces students to the concepts of relational database management and beginning SQL. Students explore the history and evolution of databases, and investigate current database usage in industry. This relational model is examined and utilized as student practice creating, populating, manipulating, and querying multi-table relational databases using both the MS Access graphical user interface and SQL.

152-101 Programming Fundamentals (3 credits)

This course is designed to be a student's first programming course. It provides an introduction to fundamental computer programming concepts including: input-processing-output, if-then-else, for loops, and loops. Students use pseudo code and flowcharting tools to build problem-solving skills. Programming concepts are applied and problem-solving skills are practiced as students complete a variety of programming exercises using the JavaScript programming language.

CVTC Intro to Health Information Technology

Students will learn the technical aspects of managing patient information, supporting electronic health records, and organizing patient data. Students interested in healthcare and working in a medical facility that enjoy working with other people, organizing data, and working with computers would be an excellent fit. Students who complete these courses could be hired in the medical field as a medical office, health unit, or appointment coordinator after completing the academy. All course are available online to offer flexible scheduling to meet diverse students' schedules and needs. These courses are part of our Health Information Management & Technology Associate Degree.

530-107 HIMT Fundamentals (3 credits)

This course provides learners a firm foundation in the knowledge and skills essential to the field of Health Information Management & Technology. Includes: Healthcare delivery systems and regulatory environment; Healthcare data collection principles: EHR evolution, structure, data standardization, and interoperability; Health record content and compliance requirements, Post discharge processing and analysis of inpatient records; Health record management functions; Data governance, data quality, and information governance; and the HIM profession.

530-182 Human Disease for the Health Professions (3 credits)

This course focuses on the common diseases of each body system as encountered in all types of health care settings by health information professionals. Emphasis is placed on understanding the etiology (cause), signs and symptoms, diagnostic tests, and treatment (including pharmacologic) of each disease.

501-130 Healthcare IT (2 credits)

Learners explore the use of technology in healthcare, including common business software applications, healthcare databases, administrative and clinical information systems, and the electronic health record (EHR). Learners use EHR simulation software to perform administrative and clinical documentation functions. Health information privacy and security regulations (HIPAA) and the EHR patient are examined.

530-178 Healthcare Law & Ethics (2 credits)

As health care professionals, it is important to examine healthcare law as it applies to the maintenance, use, disclosure, and protection of health information. Learners will evaluate ethical cases in healthcare to practice appropriate action as future employees. You will develop skills to provide access of PHI to those that are authorized to receive and review it.