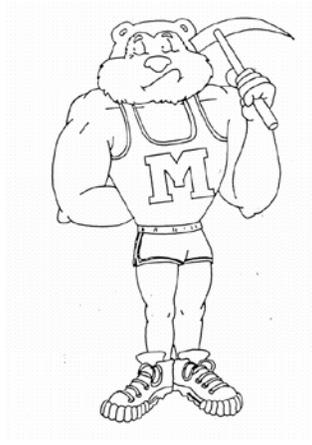


MELLEN HIGH SCHOOL

2018 - 2019

COURSE DESCRIPTION HANDBOOK



**School District of Mellen
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Mellen, WI 54546
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Board approved: April 18, 2018

*Please note: Changes may be made to this document, pending review by Personnel and administration.

Definition of Terms

1. A “credit” is a measure of school achievement. For a course that meets 45 minutes daily for a semester, ½ credit is given. For a course that meets 90 minutes daily for a semester, 1 credit is given. For a course that meets 5 times every two weeks for a semester, ¼ credit is given.
2. A “prerequisite” is a course, which must be completed before certain other courses may be taken. Prerequisites are listed when they pertain to the course.
3. “Required courses” are those courses required for graduation.
4. “Elective courses” are those courses selected as supplemental to the list of required courses on the basis of personal interest and career goals.

Colleges have increased their entrance requirements by making the American College Tests (ACT) mandatory for acceptance at all Wisconsin State Universities. The Mellen School has increased its credit requirements to meet the entrance requirements for all state universities and technical schools.

Course Registration Procedures

When selecting courses, students should pick classes that challenge their abilities, prepare them for their future, and meet their interests. Students should refrain from selecting courses just to be in the same class as their friends. This serves no useful purpose as the course may be above or below the student’s ability and may lead to classroom discipline problems. The counselor will review all the schedules and identify any problems. If there are any problems, the student will meet with the counselor to solve the problem and finalize the schedule.

Graduation Requirements

In order to receive a diploma and graduate, a student will need to meet the school requirements for basic course work and earn the total number of required credits. **The class of 2019 and beyond will need 26 credits to graduate.** Students attend Mellen High School for a total of eight semesters unless an individual exception is made by the Board of Education. A unit of credit is granted for satisfactorily completing work both semesters in a course that meets for a full school year, or a two period block course that meets for one semester. The total of twenty-six credits must include the following:

- Subject Area 1: English Language and Literature - 4 credits
 - Subject Area 2: Mathematics – 4 credits
 - Subject Area 3: Life and Physical Science – 3 credits
 - Subject Area 4: Social Sciences and History – 3 credits
 - Subject Area 8: Physical, Health, and Safety Education – 2 credits
 - Subject Area 12: Business and Marketing – 2 credits
 - Subject Area 22: Career Exploration- 1 credit
 - Subject Areas (all others): 7 elective credits
- Total required credits = 26**

TIMELINE FOR SCHEDULING OF REQUIRED CLASSES

It is recommended to fill your schedule with required classes from these Subject Areas:

FRESHMAN

English I
Algebra I
Physical Science
Civics/World Geography
Health/Physical Education
Miscellaneous-Electives

SOPHOMORE

English II
Geometry
Biology
US History
Physical, Health, and Safety Education
Miscellaneous-Electives

JUNIOR

English III
Algebra II or and Advanced math
Science Elective
Consumer Finance
Miscellaneous-Electives

SENIOR

English IV and/or Applied Communications
Social Problems
Mathematics - Electives
Miscellaneous-Electives

COMMON COLLEGE ADMISSION REQUIREMENTS

The specific requirements for college admission can vary depending upon the institution a student may want to attend. There are some generalizations that can be made that can help you in advising a student. There are three general areas that are considered in admitting a student to college. Those three areas are academic preparation (classes taken), ACT or SAT scores, and/or class rank. A student who graduates from Mellen High School has the basic credit requirements to be admitted to most colleges. It is important that those credits be in specific courses.

A summary of these credits follows:

ENGLISH- 4 CREDITS- minimum of 3 credits of literature and composition

SOCIAL SCIENCE- 3 CREDITS- unspecified college prep credits

MATH- 4 CREDITS- Algebra I required, some colleges include Algebra 2, and Advanced Math. Some 4 year colleges are requiring 4 years, not credits but years, of math for admission requirements.

NATURAL SCIENCE- 3 CREDITS- this area varies; many do not specify credits while others specify types of classes. A combination of three Mellen credits would satisfy this area.

OTHER ACADEMIC ELECTIVES- 4 CREDITS- This area includes fine arts, computer science, vocational areas, and other core classes. The key is if the class can be determined to be academic and requiring study; not classes that the grade is based on performance and attendance.

FOREIGN LANGUAGE-most colleges require 2 years of a single foreign language. Otherwise, credits in this area count as academic electives.

Class rank and test scores can be related to each other. Colleges may set minimum standards in each area or allow one area to make up for the other. A generalized statement in regard to this area is:

Students ranking in the top 30% of their high school class and scoring a minimum on the ACT will gain admission to the majority of UW campuses. Exceptions are UW-LaCrosse and Madison which have more rigorous requirements.

NOTE--Students should be aware of specific campus requirements in any of the areas discussed above. Contact the guidance office or the website: *uwhelp.wisconsin.edu*

Course Registration Information

A student must be carried on the attendance rolls as a duly enrolled full-time Grade 9, 10, 11 or 12 student at the School District of Mellen.

A full-time student is further defined as one where the school is responsible for programming 100% of the student's school day. Programming includes the Early College Credit Program, Start College Now program, Workplace Experience, etc.

Class Change Procedure

Students may drop/add courses for which they are registered by following the procedures outlined in the student handbook. Courses may be dropped/added during the first five (5) days of the semester.

Drops and adds must be approved by the School Counselor, parents/guardians, and instructor using a drop/add form. Changes will only be made for valid educational reasons.

The following pages contain a description of the course offerings for the 2018-2019 school year.

Subject Area 1: English Language and Literature

Four (4) Units of Credit Required for Graduation

01001 English/Language Arts I (9th grade)

Required, full year, 1 credit

DPI Course Description: English/Language Arts I (9th grade) courses build upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing and usually include the four aspects of language use: reading, writing, speaking, and listening. Typically, these courses introduce and define various genres of literature, with writing exercises often linked to reading selections.

Mellen Course Description: The ninth grade course is an overview of excellent literature across the major forms and genres (short story, novel, poetry, drama, epic poetry, and literary nonfiction). Each unit focuses on a genre and a related theme. Students will read and respond to literary criticism. In seminar discussions, students will investigate philosophical and literary questions that arise in the texts. In addition to discussing and writing about works, students will memorize poems and excerpts of speeches and learn to deliver them with expression. By the end of ninth grade, students will be prepared for focused literary study: world literature in tenth grade, American literature in eleventh grade and European literature in twelfth grade.

Units in ninth grade include:

- Literary elements and the Short Story
- The Novel - theme - honor
- Poetry - theme - beauty
- Epic Poetry - theme - heroism
- Literary Nonfiction - Reflection (the memoir, the essay, and the speech)

Students will often have a choice of projects to reflect their learning after whole class instruction and will build portfolio of their work.

Vocabulary and grammar instruction is also a part of the course and will mainly be reinforced/taught during the Daily Warm Up (DWU) activities, No Red Ink online assignments, and through students own writings.

01002 English/Language Arts II (10th grade)

Required, full year, 1 credit

Prerequisite: Sophomore standing or approval of teacher and administration.

DPI Course Description: English/Language Arts II (10th grade) courses usually offer a balanced focus on composition and literature. Typically, students learn about the alternate aims and audiences of written compositions by writing persuasive, critical, and creative multi-paragraph essays and compositions. Through the study of various genres of literature, students can improve their reading rate and comprehension and develop the skills to determine the author's intent and theme and to recognize the techniques used by the author to deliver his or her message.

Mellen Course Description: Students will study literature from around the world. There are three approximately 12 week units:

- Latin and Central American literature
- African and Middle Eastern literature
- Russian Literature

Each unit offers close study of literary works, as well as consideration of historical and cultural context. The units focus not only on geographical regions, but also on themes and literary forms that pertain to them. Students will understand the relationship between local concerns and universal questions. Students will become aware of the authors' views of literature itself - its forms, peculiarities, language, and relationship to reality. Throughout the year, students take part in seminars, write essays and deliver speeches.

Students will often have a choice of projects to reflect their learning after whole class instruction and will build portfolio of their work.

Vocabulary and grammar instruction is also a part of the course and will mainly be reinforced/taught during the Daily Warm Up (DWU) activities, No Red Ink online assignments, and through students own writings.

01003 English/Language Arts III (11th grade)**Required, Full year, 1 credit****Prerequisite:** Junior or Senior Standing or approval of teacher and administration.

DPI Course Description: English/Language Arts III (11th grade) courses continue to develop students' writing skills, emphasizing clear, logical writing patterns, word choice, and usage, as students write essays and begin to learn the techniques of writing research papers. Students continue to read works of literature, which often form the backbone of the writing assignments. Literary conventions and stylistic devices may receive greater emphasis than in previous courses.

Mellen Course Description: The course is devoted to the study of American literature from the colonial period to the late twentieth century. Because much of the early literature is nonfiction (diaries, letters, sermons, almanacs, speeches, and foundational documents), there are many opportunities to analyze historical fiction and informational texts. Students will understand the relationship between fiction and nonfiction. Throughout the year, students will have the opportunity to make connections with history, art, and other subjects. Essays will range from the analytical to the creative. Students will build on their writing skills from previous years, integrating multiple sources and multiple perspectives into their work, reading literary criticism, and writing longer and more complex essays. To build appreciation of the sounds and cadences of American literature, students continue to recite poems and speeches and refine their expressive delivery. By the end of the year, students have a foundation in American literature and are ready to branch out into European literature, which they will study in twelfth grade.

01004 English/Language Arts IV (12th grade)**Full year, 1 credit****Prerequisite:** Senior Standing or approval of teacher and administration.

DPI Course Description: English/Language Arts IV (12th grade) courses blend composition and literature into a cohesive whole as students write critical and comparative analyses of selected literature, continuing to develop their language arts skills. Typically, students primarily write multi-paragraph essays, but they may also write one or more major research papers.

Mellen Course Description: Students will focus on European literature from the Middle Ages to the present: from Chaucer's Canterbury Tales and Dante's Inferno to twentieth century works such as Kafka's Metamorphosis. Units are arranged chronologically, so that students may see how earlier works influence later works and how forms and ideas have evolved over time. Students will consider prominent themes for each time period. Through immersion in the poetry of Shakespeare, Donne, Milton, Blake, Wordsworth, Byron, Auden and others, students will develop an ear for English metrical forms and learn to recite poems expressively from memory. In their essays and discussions, students may relate a work to its historical circumstances, trace a symbol through a work or works, or consider a moral or philosophical question. Writing assignments include essays and research papers.

01061 Literature of a Genre- Science Fiction**1 Semester, 1/2 credit****Prerequisite: Sophomore Standing**

DPI Course Description: These courses have the same aim as general literature courses (to improve students' language arts and critical-thinking skills), focusing on one or several genres, such as poetry, essay, biography, short story, drama, and so on. Students determine the underlying assumptions and values within the selected works and also examine the structure, techniques, and intentions of the genre being studied. Oral discussion is an integral part of these genre-oriented courses, and written compositions are often required.

01064 Literature of People - Native American**1 Semester, ½ credit****Prerequisite: Sophomore Standing**

DPI Course Description: These courses have the same aim as general literature courses to improve students' language arts and critical-thinking skills), but use literature written by authors who share a particular characteristic such as religion, culture, or gender. Students determine the underlying assumptions and values within the selected works, reflect upon the influence of a common characteristic, and compare the points of view of various authors. Oral discussion is an integral part of literature courses, and written compositions are often required.

01156 Applied English and Communications (12th grade)**Full year, 1 credit****Prerequisite:** Senior Standing

DPI Course Description: Applied English and Communications courses teach students communication skills—reading, writing, listening, speaking—concentrating on “real-world” applications. These courses usually emphasize the practical application of communication as a business tool—using technical reports and manuals, business letters, resumes, and applications as examples—rather than emphasize language arts skills as applied to scholarly and literary materials.

Mellen Course Description: This basic communication course focuses on effective listening, speaking, reading, and writing in life and at work. Students demonstrate their skills both individually and in groups. Students also produce such employment documents as a cover letter, a resume, and a preliminary job portfolio. Students also complete professional portfolios, making them interview ready.

1564 Journalism (9 -12)**Full Year, 1 credit****DPI and Mellen Course Description:**

Journalism courses (typically associated with the production of a school newspaper, yearbook, or literary magazine) emphasize writing style and technique as well as production values and organization. Journalism courses introduce students to the concepts of newsworthiness and press responsibility; develop students' skills in writing and editing stories, headlines, and captions; and teach students the principles of production design, layout, and printing. Photography and photojournalism skills may be included.

Subject Area 2: Mathematics

Four (4) Units of Credit Required for Graduation

02052 Algebra I**Required, full year, 1 credit****Prerequisite:** Recommendation of 8th grade math teacher

DPI Course Description: Algebra I courses include the study of properties and operations of the real number system; evaluating rational algebraic expressions; solving and graphing first degree equations and inequalities; translating word problems into equations; operations with and factoring of polynomials; and solving simple quadratic equations.

Mellen Course Description: Students will explore the language of algebra in verbal, tabular, graphical and symbolic forms. Geometry, probability, statistics and exponential growth will be integrated through problem-solving activities and applications. Graphing calculators are incorporated for discovery, problem solving and modeling. Scientific calculators are required.

02056 Algebra II**Full year, 1 credit****Prerequisite:** Algebra I

DPI Course Description: Algebra II course topics typically include field properties and theorems; set theory; operations with rational and irrational expressions; factoring of rational expressions; in-depth study of linear equations and inequalities; quadratic equations; solving systems of linear and quadratic equations; graphing of constant, linear, and quadratic equations; properties of higher degree equations; and operations with rational and irrational exponents.

02072 Geometry**Full year, 1 credit****Prerequisite:** Algebra I

DPI Course Description: Geometry courses, emphasizing an abstract, formal approach to the study of geometry, typically include topics such as properties of plane and solid figures; deductive methods of reasoning and use of logic; geometry as an axiomatic system including the study of postulates, theorems, and formal proofs; concepts of congruence, similarity, parallelism, perpendicularity, and proportion; and rules of angle measurement in triangles.

02105G Trigonometry/Math Analysis**1 semester, ½ credit****Prerequisites:** Successful completion of Geometry and teacher recommendation or successful completion of Algebra II**Connector Course:** Probability and Statistics**DPI Course Description:** Covering topics of both Trigonometry and Math Analysis, these courses prepare students for eventual work in calculus. Topics typically include the study of right trigonometric and circular functions, inverses, and graphs; trigonometric identities and equations; solutions of right and oblique triangles; complex numbers; numerical tables; polynomial, logarithmic, exponential, and rational functions and their graphs; vectors; set theory; Boolean algebra and symbolic logic; mathematical induction; matrix algebra; sequences and series; and limits and continuity**Mellen Course Description:** The main focus of Trigonometry is on nonlinear functions, right triangle properties, trigonometric functions, and advanced algebra. Through the study of trig, the student will develop proficiency in using mathematics to solve problems in everyday life, gain an understanding of trigonometry as a study of triangles and angle relationships using radians and/or degrees, apply advanced algebra techniques to solve problems including identities, logarithms and exponents.**02110 Pre-Calculus****Full year, 1 credit****Prerequisites:** Successful completion of Geometry and teacher recommendation or successful completion of Algebra II**DPI Course Description:** Pre-Calculus courses combine the study of Trigonometry, Elementary Functions, Analytic Geometry, and Math Analysis topics as preparation for calculus. Topics typically include the study of complex numbers; polynomial, logarithmic, exponential, rational, right trigonometric, and circular functions, and their relations, inverses and graphs; trigonometric identities and equations; solutions of right and oblique triangles; vectors; the polar coordinate system; conic sections; Boolean algebra and symbolic logic; mathematical induction; matrix algebra; sequences and series; and limits and continuity.**02121 Applied Mathematics****Full year, 1 credit****Prerequisites:** Senior Year Standing

*Course can be taken for 3 transcribed credit at WITC

DPI Course Description: General Applied Math courses reinforce general math skills, extend these skills to include some pre-algebra and algebra topics, and use these skills in a variety of practical, consumer, business, and occupational applications. Course topics typically include rational numbers, measurement, basic statistics, ratio and proportion, basic geometry, formulas, and simple equations.**WITC Course Description:** This technical diploma course begins with a short review of basic arithmetic skills and continues with the application of these skills. Problem solving involving fractional and decimal dimensions is emphasized. The course also includes introductory algebra with emphasis on utilization of formulas including work with signed numbers. First-degree equation solution is also emphasized.**02151 Calculus****Full year, 1 credit****Prerequisites:** Pre-Calculus**DPI Course Description:** Calculus courses include the study of derivatives, differentiation, integration, the definite and indefinite integral, and applications of calculus. Typically, students have previously attained knowledge of pre-calculus topics (some combination of trigonometry, elementary functions, analytic geometry, and math analysis).**02201 Probability and Statistics****1 semester, ½ credit****Prerequisites:** Successful completion of Geometry and of Algebra II**Connector Course:** Trigonometry**DPI Course Description:** Probability and Statistics courses introduce the study of likely events and the analysis,

interpretation, and presentation of quantitative data. Course topics generally include basic probability and statistics: discrete probability theory, odds and probabilities, probability trees, populations and samples, frequency tables, measures of central tendency, and presentation of data (including graphs). Course topics may also include normal distribution and measures of variability.

Area 3: Life and Physical Sciences **Three (3) Units of Credit Required for Graduation**

03051 Biology (10th Grade)

Required, full year, 1 credit

Prerequisite: Physical Science

DPI Course Description: Biology courses are designed to provide information regarding the fundamental concepts of life and life processes. These courses include (but are not restricted to) such topics as cell structure and function, general plant and animal physiology, genetics, and taxonomy.

03063 Particular Topics in Biology - History of Science

1 Semester, 1/2 credit

Connectory Course: Particular Topics in Life and Physical Science - Environmental Ethics

Prerequisite: Successful completion of Biology

DPI Course Description: Particular Topics in Biology courses concentrate on a particular subtopic within the field of biology (such as botany, zoology, genetics, and so on) that is not otherwise described within this classification system.

Mellen Course Description: History of Science will explore the history of the relationship between humanity and the environment, from prehistoric times to the modern day. The goal of this course is to emphasize the concept that humanity is constantly shaping Earth's environment and each individual has a role to play the protection of natural ecosystems. Subtopics will include but are not limited to paleolithic and neolithic people, pristine civilizations, great societies, empire building, age of exploration, Industrial Revolution, technology boom and the age of information (.com era)

2715 Life and Physical Science - Environmental Ethics

1 semester, 1/2 credit

Connectory Course: Particular Topics in Biology -History of Science

Prerequisite: Successful completion of Biology

DPI Course Description: None Specified

Mellen Course Description: Environmental Ethics examines how we ought to value the environment and the non-human inhabitants of the earth, examining the moral relationship between human beings and non-human beings. The course includes both practical reflections (identifying specific moral obligations to our pets, plants, etc.) and more theoretical ones (identifying the source of value, the nature of value, etc.). Subtopics will include but are not limited to recycling, simplifying lifestyles, identifying carbon footprint, Earth Day, mindful eating, *Silent Spring*, and mindful eating

03101G Chemistry

Full Year, 1 credit

Prerequisite: Algebra I

DPI Course Description: Chemistry courses involve studying the composition, properties, and reactions of substances. These courses typically explore such concepts as the behaviors of solids, liquids, and gases; acid/base and oxidation/reduction reactions; and atomic structure. Chemical formulas and equations and nuclear reactions are also studied.

03159 Physical Science (9th Grade)**Required, full year, 1 credit**

DPI Course Description: Physical Science courses involve study of the structures and states of matter. Typically (but not always) offered as introductory survey courses, they may include such topics as forms of energy, wave phenomenon, electromagnetism, and physical and chemical interactions. Students will also explore in-depth topics involving Earth Systems, Tectonic Activity, Natural Resources and Astronomy.

Subject Area 4: Social Sciences and History

Three (3) Credits Required for Graduation

04001 World Geography**Required, 1 semester, ½ credit**

DPI Course Description: World Geography courses provide students with an overview of world geography, but may vary widely in the topics they cover. Topics typically include the physical environment; the political landscape; the relationship between people and the land; economic production and development; and the movement of people, goods, and ideas.

Mellen Course Description: This course will focus on the human geography, history, culture, and global issues around the world. Emphasis is placed on people, physical and political geography, how environment influences people's economy, lifestyles, culture and history. Students will work with a variety of maps. Students will be exposed to a variety of cultures and learn to have a greater appreciation of other cultures.

04051 World History**1 semester, ½ credit****Prerequisite:** Junior Standing

DPI Course Description: World History courses provide students with an overview of the history of human society from early civilization to the contemporary period, examining political, economic, social, religious, military, scientific, and cultural developments. World History—Overview courses may include geographical studies, but often these components are not as explicitly taught as geography.

04161 Civics**Required, 1 semester, ½ credit**

DPI Course Description: Civics courses examine the general structure and functions of American systems of government, the roles and responsibilities of citizens to participate in the political process, and the relationship of the individual to the law and legal system. These courses do not typically delve into the same degree of detail on constitutional principles or the role of political parties and interest groups as do comprehensive courses in U.S. Government.

Mellen Course Description: This class explores the U.S. government on the national, state and local levels. The course is designed to develop an understanding of the political process preparing students to assume adult responsibilities in the political arena. Subjects covered during the semester include: the US Constitution, federal government, state and local government, campaigns and elections, and political parties.

04259 Particular Topics in Sociology (Prev. Social Problems)**Required, full year, 1 credit****Prerequisite:** Senior Standing

DPI Course Description: This Social Problems course examines a particular topic in sociology, such as culture and society or the individual in society, rather than provide an overview of the field of sociology.

Mellen Course Description: Social Problems will study a variety of topics that are important in today's world. Over the course of the year, students will study concepts related to the following topics: Basic Concepts of Sociology, Human Rights issues (Racism & Discrimination, Human Slavery and Child Soldiers, Holocaust and Apartheid); Healthy Living (Drug & Alcohol Awareness, Stress Management/Teen Suicide, Body Image & Nutrition/Exercise, Marriage & Family/Sexual Responsibility); Civic Responsibility (American Values, American Judicial System/Crime & Punishment, Voting and Civic Duty); Money Management.

04103 Modern U.S. History**Required, full year, 1 credit**

DPI Course Description: Modern U.S. History courses examine the history of the United States from the Civil War or Reconstruction era (some courses begin at a later period) through the present time. These courses typically include a historical review of political, military, scientific, and social developments.

Mellen Course Description: This course is a survey of American History from 1877 with emphasis on the historical development of the United States. The main idea is that a study of the nation's past will provide understanding of the Democratic ideals that have shaped this nation's past, present, and future. Course materials include reconstruction, Native American culture and heritage, social, political, and economic impact of the industrial revolution, America's emergence as a world power, America's late 19th and 20th century wars, American foreign policy, and American social, economic, and political conditions since World War II.

9929 Social Sciences - Other**1 semester, 1/2 credit****Western Psychology: Study of the Brain, Positive Psychology Happiness**

DPI Course Descriptions: Other Social Sciences and History courses

Mellen Course Description: This course will study how the brain works and how, through neuroplasticity, the brain can recover from traumatic experiences. The course will use the study of Positive psychology as a framework of study. Students will learn a variety of practices to help them cope with stress, anxiety and other healthy coping and relationship skills. Throughout the course we will also engage in experiential learning and practical exercises to increase well-being, which will inform our theoretical and empirical understanding of important questions in positive psychology. Positive psychology encompasses the study of positive experiences, positive character strengths, positive relationships, and the institutions and practices that facilitate their development. Positive experiences include the mental states of flow and mindfulness and emotions about the present (pleasure, contentment, laughter), past (e.g., nostalgia, satisfaction, pride), and future (e.g., hope, optimism). The distinction among the pleasant life, the good life, and the meaningful life will be drawn. The positive character traits include wisdom, courage, compassion, love, humanity, justice, temperance, self-efficacy, resilience, grit, sisu, hyge, imagination, creativity, and spirituality/transcendence.

Subject Area 5: Fine and Performing Arts**05151 Art Appreciation****Full year, 1 credit**

DPI Course Description: Art Appreciation courses introduce students to the many forms of art and help them form an aesthetic framework through which they can judge and critique art of various ages and cultures. These courses also explore the place and significance of art in our society.

Mellen Course Description: Students will explore the Elements & Principles of Design during studio projects as well as Art History, Art Appreciation, Aesthetics, and Art Critiques. Students will experience: cave painting, fibers, clay, pencil, and oil pastels, pastel, acrylic painting, watercolor painting, printmaking, photography, and sumi-e style calligraphy. Improvement in skills and good work ethic will be used in evaluations

05154 Creative Art- Comprehensive**Full year, 1 credit**

Prerequisites: Art Appreciation

DPI Course Description: Creative Art- Comprehensive courses provide students with the knowledge and opportunity to explore an art form and to create individual work of art. These courses may also provide a discussion and exploration of career opportunities in the art world.

The initial course covers the language, materials, and processes of a particular art form and the design elements and principles supporting a work of art. As students advance and become more adept, the instruction regarding the creative process becomes more refined, and students are encouraged to develop their own artistic styles. Although Creative Art courses focus on creation, they may also include the study of major artists, art movements, and styles.

Mellen Course Description: Students will build on the skills they acquired in Art Appreciation and continue to discover more of their personal hidden artistic talents. Students will explore two-dimensional and three-dimensional design further in depth through diverse studio projects. Matured excellence in artwork and good work ethic will be evaluated.

05170 Art Portfolio**Full year, 1 credit****Prerequisites:** Art Appreciation & Creative Art-Comprehensive w/instructor approval.**DPI Course Description:** Art Portfolio courses offer students the opportunity to create a professional body of work that reflects their personal style and talent. Students are often encouraged to display their work publicly**Mellen Course Description:** For each semester students will choose two mediums and one artist and style. Students will create one research studio product based on their artist for each semester. Students will assist in creating individualized assignments that will meet their diverse needs and interests. All assignments will be completed pending the approval and consent of the Visual Arts & Design Instructor in accordance with the Wisconsin State Standards. Students will also complete assigned projects and exercises as a class that will further develop their problem solving skills when completing their individual projects.**05101 General Band****Full year, 1 credit****Prerequisites:** Play in intermediate instrumental program or with instructor approval.

The Advanced Band Program continues the development of students' technique for playing brass, woodwind, and percussion instruments and covers a variety of non-specified band literature styles.

DPI Course Description: General Band courses develop students' technique for playing brass, woodwind, and percussion instruments and cover a variety of nonspecified band literature styles (concert, marching, orchestral, and modern styles).**Mellen Course Description:** Class B literature, from the Wisconsin School Music Association list, is introduced along with band for maturing concert bands. The band regularly performs at school, community, local, and area events. Band members represent Mellen in Bayfield for the Apple Festival, Ashland for the Christmas Parade, and various concert settings in the area. Grading consists of performances, daily participation, and lessons. The High School Band performs a total of four concerts throughout the school year.

Subject Area 6: Foreign Language and Literature

06101 Spanish I**Full year, 1 credit**

ITV Instruction

DPI Course Description: Designed to introduce students to Spanish language and culture, Spanish I courses emphasize basic grammar and syntax, simple vocabulary, and the spoken accent so that students can read, write, speak, and understand the language at a basic level within predictable areas of need, using customary courtesies and conventions. Spanish culture is introduced through the art, literature, customs, and history of Spanish-speaking people.**06102 Spanish II****Full year, 1 credit**

ITV Instruction and Online Instruction

Prerequisite: Spanish I**DPI Course Description:** Spanish II courses build upon skills developed in Spanish I, extending students' ability to understand and express themselves in Spanish and increasing their vocabulary. Typically, students learn how to engage in discourse for informative or social purposes, write expressions or passages that show understanding of sentence construction and the rules of grammar, and comprehend the language when spoken slowly. Students usually explore the customs, history, and art forms of Spanish-speaking people to deepen their understanding of the culture(s).**06103 Spanish III****Full year, 1 credit**

ITV Instruction and Online Instruction

Prerequisite: Spanish II**DPI Course Description:** Spanish III courses focus on having students express increasingly complex concepts both

verbally and in writing while showing some spontaneity. Comprehension goals for students may include attaining more facility and faster understanding when listening to the language spoken at normal rates, being able to paraphrase or summarize written passages, and conversing easily within limited situations.

Subject Area 8: Physical, Health, and Safety Education

1 1/2 Credits of Physical Education and One-Half Unit of Health ed. Required for Graduation

08001 Physical Education and Lifetime Fitness

Variable Credit

DPI Course Description: Physical Education courses provide students with knowledge, experience, and an opportunity to develop skills in more than one of the following sports or activities: team sports, individual/dual sports, recreational sports, and fitness/conditioning activities.

Mellen Course Description: Class is offered to develop team concept as well as individual sports: games to encourage life time fitness. Classes are set to develop positive social skills, cooperation, and participation. Lifetime Fitness classes are taken in the fitness room and focus on individual fitness goals.

08051 Health Education

1 semester, 1/2 credit

DPI Course Description: Topics covered within Health Education courses may vary widely, but typically include personal health (nutrition, mental health and stress management, drug/alcohol abuse prevention, disease prevention, and first aid) and consumer health issues. The courses may also include brief studies of environmental health, personal development, and/or community resources.

Mellen Course Description: This is a freshman level class. During the year, topics such as the following are studied and discussed: wellness, interpersonal relationships, human anatomy and function, exercise and fitness, stress management, teenage adolescent sexual behavior, environmental awareness, responsible decision making, AIDS, drugs, and alcohol.

Subject Area 12: Business and Marketing

Two(2) Credits Required for Graduation

12051 Introduction to Business

Full year, 1 credit

Prerequisite: Competent using Microsoft Office Suite

*Course may be taken for up to four (4) WITC-Ashland Transcribed College Credit**

DPI Course Description: Business Management courses acquaint students with management opportunities and effective human relations. These courses provide students with the skills to perform planning, staffing, financing, and controlling functions within a business. In addition, they usually provide a macro-level study of the business world, including business structure and finance, and the interconnections among industry, government, and the global economy. The course may also emphasize problem-based, real-world applications of business concepts and use accounting concepts to formulate, analyze, and evaluate business decisions.

WITC Course Description: This is an introductory course designed to develop an understanding of the activities, functions, and principles of business enterprises. The course helps to gain insight into the responsibilities and challenges of operating a business. Emphasis is on the interaction of various functions required to operate business of all sizes. Specifically, the areas of business trends, ownership models, leadership, human resources, marketing, information management, and finance will be explored.



12054 Business Law

Full year, 1 credit

DPI Course Description: Business Law courses emphasize legal concepts that are relevant to business and business organizations. Topics examined in these courses typically include contracts, buying/renting property, installment buying, insurance, buyer/seller relationships, negotiable instruments, employment, taxes, insurance, commercial papers, legal organizational structures, and consumer liabilities.

12163 Sports and Entertainment Marketing

Full year, 1 credit

DPI Course Description: Sports and Entertainment Marketing courses introduce students to and help them refine marketing and management functions and tasks that can be applied in amateur or professional sports or sporting events, entertainment or entertainment events, and the sales or rental of supplies and equipment.

Mellen Course Description: Mellen's Sports and Entertainment Marketing course introduces students to management concepts for college and amateur sports and professional sports as well as the development, implementation, and management of local, college-level and professional sport or entertainment events. Sports and Entertainment Management will apply the following business management principles to the sports and entertainment industry: Business Information Management, Management Responsibilities, Financial Management, Production Management, Marketing Management, and Human Resources Management. Students will demonstrate an understanding of the management function; decision making; various management, organizing and staffing strategies; effective transformational leadership and management of groups and teams; managing operations; and, maximizing management strategies through effective and efficient use of information technology systems. Students will study both successful and struggling sports and entertainment organizations in the US and worldwide. They will learn about (and recommend) best practices that should be used to maximize profitability and provide sustainable growth for sports and entertainment ventures.

12164 Introduction to Marketing

Full year, 1 credit

*Course may be taken for up to four (4) WITC-Ashland Transcribed College Credit**

DPI Course Description: Comprehensive courses focus on the wide range of factors that influence the flow of goods and services from the producer to the consumer. Topics may include, but are not limited to, market research, the purchasing process, distribution systems, warehouse and inventory control, salesmanship, sales promotions, shoplifting and theft control, business management, and entrepreneurship. Human relations, computers, and economics are sometimes covered as well.

WITC Course Description: This course focuses on the marketing process as it relates to the operation of a business enterprise. The intent is to provide students with an understanding of how the marketing function fits within the overall structure of the organization. Special attention is given to the role and significance of evaluating customer needs, pricing, distribution, and promotion of products and services.



Subject Area 13: Manufacturing

13101 Production Systems

Full year, 1 credit

Prerequisites: Drafting/CADD and Woodworking 1

DPI Course Description: Production Systems courses provide students with knowledge and skills related to manufacturing

technologies from conception through production. Although courses vary, students typically analyze markets, design and develop prototypes, plan a marketing or sales strategy, manage a production plan, and manufacture useful products. These courses may also explore the evolution and impact of technology on society's social, cultural, and economic systems and institutions.

Mellen Requirement: Students will become part of the Black Granite Gifts Corporation where they will purchase shares, then produce and market products.

13202G Metalworking**Full year, 1 credit****Prerequisites:** Sophomore Standing

DPI Course Description: Metalworking introduces students to the qualities and applications of various metals and the tools used to manipulate and form them into products. Through one or more projects involving metals, students develop planning, layout, and measurement skills; gain experience in cutting, bending, and welding metal; complete projects according to blueprints or other specifications; and may learn to polish and finish metals. Safety and correct use of metalworking tools and equipment is stressed.

Subject Area 17: Architecture and Construction

17006-1 Woodworking I**1 semester, ½ credit****Prerequisite:** DraftingCourse Connector: **Drafting – opposite semester**

DPI Course Description: Woodworking courses introduce students to the various kinds of woods used in industry and offer experience in using selected woodworking tools. Students design and construct one or more projects and may prepare a bill of materials. Correct and safe use of tools and equipment is emphasized. As students advance, they focus on learning the terminology necessary to use power tools successfully, develop skills to safely use these tools in the workshop, and become familiar with various kinds of wood-finishing materials.

17006-2 Woodworking II**Full year, 1 credit****Prerequisite:** Woodworking I, Drafting

DPI Course Description: Woodworking courses introduce students to the various kinds of woods used in industry and offer experience in using selected woodworking tools. Students design and construct one or more projects and may prepare a bill of materials. Correct and safe use of tools and equipment is emphasized. As students advance, they focus on learning the terminology necessary to use power tools successfully, develop skills to safely use these tools in the workshop, and become familiar with various kinds of wood-finishing materials.

Mellen Course Description: Woodworking II will be the second wood technology course in the Woodworking sequence. This course will explore processes used in our local industries more in depth, studying tree harvesting, sawing, veneer processing, and kiln drying. Students will apply their knowledge of our local industry by developing business plans, shop/plant layouts, and researching the industry on the worldwide market. Students will also learn more in depth the various methods used to create custom cabinetry that will be applied in Woodworking II, such as, design, material selection, material processing, joinery, finishing processes, and other concepts to prepare them for Woodworking II. Intermediate wood projects will be built during this course.

17006-3 Woodworking III**Full year, 1 credit****Prerequisite:** Woodworking I, II

DPI Course Description: Woodworking courses introduce students to the various kinds of woods used in industry and offer experience in using selected woodworking tools. Students design and construct one or more projects and may prepare a bill of materials. Correct and safe use of tools and equipment is emphasized. As students advance, they focus on learning the terminology necessary to use power tools successfully, develop skills to safely use these tools in the workshop, and become familiar with various kinds of wood-finishing materials.

Mellen Course Description: Students will exercise their knowledge learned in Woodworking II by building more advanced and complex projects. Students will also become actively involved in staying up to date with current industry advancements by reading online forums and wood industry literature.

Subject Area 21: Engineering and Technology

21102 Drafting – General

1 Semester, ½ credit

Prerequisite: None

Course Connector: Woods I – opposite semester

Course Description: Drafting—General courses, usually offered as a sequence of courses, introduce students to the technical craft of drawing illustrations to represent and/or analyze design specifications and then refine the skills necessary for this craft. Drafting—General courses use exercises from a variety of applications to provide students with the knowledge and experience to develop the ability to perform freehand sketching, lettering, geometric construction, and multiview projections and to produce various types of drawings (working, detail, assembly, schematic, perspective, and so on). Computer-aided drafting (CAD) systems (if available) are typically introduced and used to fulfill course objectives.

Mellen Course Description: This course is designed to place emphasis upon the development of the ability to express ideas graphically through the use of traditional drafting and computer assisted drafting processes and techniques. Careers that benefit from this course include but are not limited to: Construction Trades, Engineers, Architects, Interior Design, and Graphic Arts. Areas of study will include: sketching, geometric constructions, orthographic projection, pictorial systems, measuring, applied mathematics, fractions, dimensioning, sectioning, and computer-aided drafting. This course is designed to help students establish skills in drafting and CADD, and apply this skill to problem based situations founded in the architectural and engineering industries.

21097 Technology—Project Based

Variable credit

Prerequisite: Needs instructor’s approval

DPI Course Description: Technology—Independent Study courses, often conducted with instructors as mentors, enable students to explore topics of interest related to technology systems and processes. Independent Study courses may serve as an opportunity for students to expand their expertise in a particular application, to explore a topic in greater detail, or to develop more advanced skills.

Mellen Course Description: PBT will be designed for juniors and seniors interested in pursuing careers in industrial and technical fields. While there are many traditional areas of technical study students may pursue, they are also encouraged to seek out future technologies and become educated in a variety of those technologies. Students will document projects completed by using appropriate project based strategies. Students will either be given teacher driven projects or develop their own projects based on completion of a project proposal form to be approved by the instructor. The goal of this type of program is to encourage students to engage in practical study in areas of interest to them. This strategy promotes self-discipline, self-awareness, and self-motivation as they pursue student driven learning.

Areas of Study:

Areas of study include but are not restricted to: Wood Technology, Metal Fabrication, Automotive, Small Engines, CADD/Design and Design/Prototype

Project Proposals:

If a student wishes to pursue an area of study outside of the instructor led projects, they must first develop a proposal that outlines the following:

- Content that will be studied
- Time that will be invested in the project
- Types of resources that will be used
- Industry or professional contact for the area of study

Subject Area 22: Miscellaneous

1134 Career Exploration

Required, full year, .25 credit

DPI Course Description: Career Exploration courses help students identify and evaluate personal goals, priorities, aptitudes, and interests, with the goal of helping them make informed decisions about their careers. These courses expose students to various sources of information on career and training options and may also assist them in developing job search and employability skills. This course is taught on Wednesdays during students advisory periods. Beginning in the 2017-2018 school year the Wisconsin Department of Public Instruction mandates that all high school student receive career exploration instruction. This course, when taken all four years, fulfills the state's requirement.

22210G Consumer Economics/Personal Finance

Required, full year, 1 credit

Prerequisites: Competent using Microsoft Office Suite (OpenOffice Suite or other comparable office suite software is acceptable)

*Course may be taken for up to four (4) WITC-Ashland Transcribed College Credit**

DPI Course Description: Consumer Economics/Personal Finance courses provide students with an understanding of the concepts and principles involved in managing one's personal finances. Topics may include savings and investing, credit, insurance, taxes and social security, spending patterns and budget planning, contracts, and consumer protection. These courses may also provide an overview of the American economy.

WITC Course Description:

Personal Finance introduces students to money management, taxes, financial services, credit, real estate, insurance, stocks, bonds, mutual funds, retirement planning, and estate planning.



22995 Miscellaneous—Aide

Full year, ½ credit

DPI Course Description: Miscellaneous—Aide courses offer students the opportunity to assist instructors in preparing, organizing, or delivering course curricula or to assist other staff members in fulfilling their duties. Students may provide tutorial or instructional assistance to other students.

Mellen Course Description: Class is not graded; a pass or fail is given. Juniors and Seniors, who are not credit deficient, can request to be an aide. The guidance office has a list of teachers and staff in need of aides. Students will do a variety of work as an aide. Students should realize they are responsible to the teacher for the entire period of time they are signed up. Students should not expect to use this time as a study hall. No more than 1 aide credit can be applied toward graduation. No more than 1 aiding period per semester.

An additional form must be completed to apply for the position and credit. Final approval is granted by the Principal. Students can be removed from the aide position and no credit granted for unacceptable or improper behavior.

22052 Guidance Aide

Variable credit

DPI Course Description: Guidance Aide courses provide students with the opportunity to work in the guidance office. Duties may include typing, filing, record-keeping, assisting students, answering the telephone, and copying, among others. Students may also act as guides to new students. These courses emphasize appropriate work attitudes, human relations, and proper office procedures. No more than 1 aide credit can be applied toward graduation. No more than 1 aiding period per semester.

22298 Workplace Experience (previously School to Work)

Full year, 1 credit

DPI Course Description: Workplace Experience provides students with work experience in a field related to their interests. Goals are typically set cooperatively by the student, teacher, and employer (although students are not

necessarily paid). These courses may include classroom activities as well, involving further study of the field or discussion regarding experiences that students encounter in the workplace.

Mellen Course Description: The goal of the Mellen Public School is to provide all students with an education which will prepare them for the future. Whether you get married or remain single, whether you move out of the area or stay in your home town, whether you are planning to go on to college, technical school or the military, one thing is certain, you must prepare yourself for the world of work because no one else will take care of your financial needs. School supervised work experience is designed to help you learn about the world of work and develop work skills that are needed by all young people as they move on into adulthood. Whether it is a general skill, such as reading, writing, computations, or specific skills like accounting, food preparation or mechanics, school supervised work experience will allow students to apply the skills they have learned in the classroom in a job setting. During this program you will have the opportunity to work at a job either during the school day or after school and earn high school credit. To be eligible to participate in a school supervised work experiences project the school, the employer, parents and the student must enter into an agreement that will specify the rules and learning goals to be achieved.



WITC Credit

*Courses that receive WITC credit are approved for specific instructors. If the instructor changes the class is no longer available for WITC credit. When a change in staff occurs in these courses, the school counselor will let students know it is no longer available for college credit.

Early College Credit Program

The Early College Credit Program, formerly known as YouthOptions, allows 9th -12th grade students to enroll in classes that begin in the Fall of 2018. Approved courses can count toward high school graduation as well as college credit. You need to indicate intent to enroll in this program prior to October 1st for the Spring semester and March 1st for the Fall semester.

Under the Early College Credit Program a student does not have to pay for a college course if Administration determines the course qualifies for high school credit and is not comparable to a course offered by the Mellen High School. If the course is approved, the student can receive both high school and college credit for it. There is currently an eighteen (18) credit limit on credits the Mellen School District will pay towards. A student completing high school graduation requirements earns a high school diploma regardless of whether the requirements are met while attending the high school or college.

This program is geared toward motivated students considering a technical career, students wishing to begin college early, or students who want to enter the workforce immediately after high school graduation. One limitation is that it applies only to Wisconsin colleges. Grades earned in college courses are included in a student's graduating grade point average. Mellen grants high school credit as follows:

- 1 Credit = .25 Credits
- 2 Credits = .50 Credits
- 3 Credits = .75 Credits
- 4 Credits = 1.00 Credit

Start College Now Program

“Start College Now” will allow Juniors and Seniors the opportunity to take college courses at Wisconsin Technical Colleges. In order to qualify, the pupil must have completed the 10th grade, is in good academic standing, and notifies school district by appropriate deadline. For detailed information please refer to Wisconsin State Statute 38.12 (14) which lays out all the aspects of the program. The application for students looking to take courses in the Fall semester must be turned in by March 1st and October 1st for the Spring semester.

