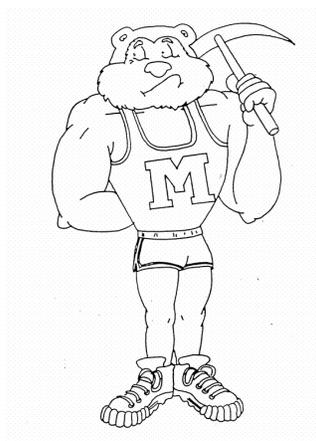


MELLEN HIGH SCHOOL

2015 - 2016

COURSE DESCRIPTION HANDBOOK



School District of Mellen

420 S. Main Street

P.O. Box 500

Mellen, WI 54546

(715) 274-3601

Fax (715) 274-3715

Pending Board Approval

Definition of Terms

1. A “credit” is a measure of school achievement. For a course that meets 45 minutes daily for a semester, $\frac{1}{2}$ 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, $\frac{1}{4}$ 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

1. 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.
2. 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

Graduation from Mellen High School requires completing a minimum of 26 credits. 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-five credits must include the following:

Subject Area 1: English Language and Literature - 4 credits

Subject Area 2: Mathematics – 3 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 Areas (all others) – 9 credits which would meet Elective requirements

Total required credits – 26

TIMELINE FOR SCHEDULING OF REQUIRED CLASSES

FRESHMAN

**English I
Algebra I
Physical Science
Civics/Global Studies
Physical, Health, and Safety Education
Miscellaneous-Electives**

SOPHOMORE

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

JUNIOR

**English III
Algebra II
Life and/or Physical Science
Consumer Finance
Miscellaneous-Electives**

SENIOR

**English IV or Applied Communications
Social Sciences and History
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- 3 CREDITS- Algebra I required, some colleges include Algebra 2, and Advanced Math.

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

It is required that Freshmen, Sophomores, Juniors, and Seniors carry a minimum class load of eight class hours for a total of eight credits to be a full time student. Students will have a daily study hall which will rotate to different periods on successive days.

Class Change Procedure

All High School students may drop/add courses for which they are registered by following the procedures outlined in the student handbook. **Year long courses may be dropped/added during the first five (5) days of school provided the student still has eight credits scheduled. Block classes may be dropped/added during the first five (5) days of instruction provided the student still has eight credits scheduled.**

Drops and adds must be approved by the School Counselor and will only be made for valid educational reasons.

The following pages contain a description of the course offerings for the 2014-2015 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 and through students own writings.

01002 English/Language Arts II (10th grade)

Required, full year, 1 credit

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
- Asian 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 and through students own writings.

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

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/College Prep (12th grade)**Full year, 1 credit****Prerequisite:** Senior Standing

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.

01104 Creative Writing**1 Semester, ½ credit****Prerequisite:** English/Language Arts I

DPI Course Description: Creative Writing courses offer students the opportunity to develop and improve their technique and individual style in poetry, short story, drama, essays, and other forms of prose. The emphasis of the courses is on writing; however, students may study exemplary representations and authors to obtain a fuller appreciation of the form and craft. Although most creative writing classes cover several expressive forms, others concentrate exclusively on one particular form (such as poetry or playwriting).

Mellen Course Description: This class is for beginners as well as serious writers who want to explore the pleasures and rigors of writing creative non-fiction, fiction, poetry and drama. Throughout the year, numerous writing exercises, reading and discussing one another's writing in workshop format and developing a portfolio of writing will be required. Writing assignments and analyzing examples of creative writing from various sources will also be required. All students can expect a fun, supportive, hardworking and productive class atmosphere that encourages experimentation and constructive criticism. The emphasis is on literary development as both a reader and a writer.

01061 Literature of a Genre – Dramatic Literature**1 Semester, ½ credit****Prerequisite:** English/Language Arts I

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.

Mellen Course Description: Dramatic literature focuses on the exploration of theatre literature, performance, historical and cultural connections, and technical requirements. Drama provides opportunities for students to develop skills in critical listening and thinking, as well as stage presence, ensemble work, and aesthetic awareness culminating in periodic classroom and/or public performances. Students additionally learn about the organizational structure of theatre and theatre literature.

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.

Subject Area 2: Mathematics**Three (3) 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.

02201 Probability and Statistics**1 semester, ½ credit****Prerequisites:** Successful completion of Geometry and of Algebra II**Connector Course:** Trigonometry

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.

Subject 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.

Mellen Course Requirement: Students in Biology are required to complete a quarterly portfolio or a portfolio option.

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.

03151G Physics**Full Year, 1 credit****Prerequisite:** Algebra I and Geometry or concurrent enrollment

DPI Course Description: Physics courses involve the study of the forces and laws of nature affecting matter, such as equilibrium, motion, momentum, and the relationships between matter and energy. The study of physics includes examination of sound, light, and magnetic and electric phenomena. Intended to give students an understanding of the basic principles of physics and an appreciation of how the results of physics influence contemporary society. Topics covered include mechanics, sound, thermodynamics, and electricity and magnetism. Assigned activities and questions are more challenging than those in the Basic Physics course. This class is recommended for the college-bound student.

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.

03053 Anatomy and Physiology and Disease Concepts (Odd Years 14-15)**Full year, 1 credit****Prerequisite:** Biology

DPI Course Description: Usually taken after a comprehensive initial study of biology, Anatomy and Physiology courses present the human body and biological systems in more detail. In order to understand the structure of the human body and its functions, students learn anatomical terminology, study cells and tissues, explore functional systems (skeletal, muscular, circulatory, respiratory, digestive, reproductive, nervous, and so on), and may dissect mammals.

Mellen Course Description: In this technical college class, students will explore the human body in an in depth system-by-system analysis. They will determine the causes and cures of certain diseases. This class is highly recommended for any students interested in careers within the health care industry such as nursing, medicine, physical therapy, athletic training, medical sales, or medical engineering. Students taking this course will be given the option of earning WITC credit for the courses, "Anatomy, Physiology and Disease Concepts."

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.

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.

04064G Contemporary History Through Film**1 semester, ½ Credit****Perquisite: Successful completion of Modern US History**

DPI Course Description: Contemporary World Issues courses enable students to study political, economic, and social issues facing the world. These courses may focus on current issues, examine selected issues throughout the 20th century, and look at historical causes or possible solutions.

Mellen Course Description: The goal of this course is to understand & comprehend the major historical events of the 20th century through the medium of film. This semester long course will examine major political, social, & cultural significances within the confines of the 20th century.

All students will be expected to participate in class discussions, read primary and secondary source documents, research topics independently, and write several in-depth essays over the events covered. Religion, economics, government, politics, geography, ethnicity, art, & philosophy are just a few of the areas of social studies that will be utilized & explored to aid discussions involving the major events. The medium of film will be used to generate discussion & increase comprehension & understanding of these events & their impact on the world that we live in today.

04106G Contemporary US History II**1 semester, ½ Credit****Perquisite: Successful completion of Modern US History**

DPI Course Description: Contemporary U.S. Issues courses study the political, economic, and social issues facing the United States, with or without an emphasis on state and local issues. These courses may focus on current issues or may examine selected issues that span throughout the 20th century to the present.

Mellen Course Description: The goal of this course is to understand & comprehend the major historical events of the second half of the 20th century. This semester long course will examine major political, social, & cultural significances of the United States within the confines of the decades of 1950s, 1960s, 1970s, 1980s and 1990s. Students will be expected to participate in class discussions, read primary and secondary source documents, research topics independently, and write in-depth essays over the events covered. Religion, economics, government, politics, geography, ethnicity, art, & philosophy are just a few of the areas of social studies that will be used to aid discussions involving the major events. The course will utilize popular mass media to help generate discussion, comprehension and understanding.

04254-2 Psychology**Full Year, 1 Credit****ITV Course:** Originates from Laona HS

DPI Course Description: Psychology courses introduce students to the study of individual human behavior. Course content typically includes (but is not limited to) an overview of the field of psychology, topics in human growth and development, personality and behavior, and abnormal psychology.

ITV Course Description: Originates from Laona HS (M-F, year, 1 credit). Prerequisite: None/Grades 11-12.

Description: In Psychology the students will explore several key areas in human behavior. The first part of the class the students will learn the different approaches to psychology. Then the students will study how the brain, body and awareness are interconnected. The students will also learn about human development in the areas of cognitive process, personality and socio - cultural influences. Within each of the areas, the class will discuss the different disorders. Throughout the year, the students will be involved in class discussions, writing research reports, thinking critically and solving problems with the COOL method. Instructor: Rich Sorenson.

Subject Area 5: Fine and Performing Arts

05151 Art Appreciation**Full year, 1 credit****Prerequisites:** None

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.

05155G Creative Art—Drawing/Painting**1 semester, ½ credit****Prerequisite:** None

Creative Art—Drawing/Painting courses cover the same topics as Creative Art—Comprehensive courses, but focus on drawing and painting. In keeping with this attention on two-dimensional work, students typically work with several media (such as pen-and-ink, pencil, chalk, watercolor, tempera, oils, acrylics, and so on), but some courses may focus on only one medium.

05158G Creative Art—Sculpture**1 semester, ½ credit****Prerequisite:** None

DPI Course Description: Creative Art- Sculpture courses cover the same topics as Creative Art- Comprehensive courses, but focus on creating three-dimensional works. Students typically work with several media (such as clay, ceramics, wood, metals, textiles, and so on), but some courses may focus on only one medium.

Mellen Course Description: Focus on three-dimensional design. Students will use a variety of reductive and additive processes to compose sculptures in a wide range of three- dimensional mediums. To include but not limited to paper mache, found object assemblages, ceramics, plaster casting, and jewelry. Students will use the following hand building techniques to create ceramic pieces: slab, coil, hump and slump molds, and pinch and pull. Students will also have the opportunity to work on one of our three potters wheels. Students will also create drape mold masks

05162 Graphic Design (formally Design or Digital course)**1 semester, ½ credit****Prerequisites:** None

Course connector: 05167 Photography (Digital), is the opposite semester

DPI Course Description: Graphic Design courses emphasize design elements and principals in the purposeful arrangement of images and text to communicate a message. They focus on creating art products such as advertisements, product designs, and identity symbols. Graphic Design courses may investigate the computers influence on the role in creating contemporary designs and provide a cultural and historical study of master design works from different periods and styles.

Mellen Course Description: Students will investigate the elements and principals of design in depth and apply them when solving design based problems. In addition to traditional studio processes students will have the opportunity to use the Adobe Design Premium CS3 Suite. Adobe programs that students will use include InDesign, Illustrator, Photoshop, and Dreamweaver.

05167 Photography (Digital)**1 semester, ½ credit****Prerequisites:** None

Students will need their own digital camera, preferably a SLR digital camera

Course Connector: 05162 Graphic Design is the opposite semester

DPI Course Description: Photography courses expose students to the materials, processes, and artistic techniques of taking artistic photographs. Students learn about the operation of the camera, composition, lighting techniques, and depth of field, filters, camera angles, and film development. The course may cover black-and-white photography, color photography, or both. AS students advance, the instruction regarding the creative process becomes more refined, and students are encouraged to develop their own artistic style. These courses may also cover major photographers, art movements, and styles.

05168 Film & Video Tape**1 semester, ½ credit****Prerequisites:** None

DPI Course Description: Film/Videotape courses expose students to the materials, processes, and artistic techniques involved in film, television, or videotape. Students learn about the operation of a camera, lighting techniques, camera angles, depth of field, composition, storyboarding, sound capture, and editing techniques. Course topics may also include production values and various styles of filmmaking (documentary, storytelling, news magazines, animation, and so on). As students advance, the instruction becomes more refined, and students are encouraged to develop their own artistic style. Students may also study major filmmakers, cinematographers, and their films and learn about film, television, and video and their relationships to drama and theater.

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, Duluth for the Christmas City of the North, and various concert settings in the area. Grading consists of performances, daily participation, and mandatory lessons. The High School Band performs a total of three concerts throughout the school year.

05110 Chorus**Full year, 1 credit****Prerequisites:** None

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: Chorus courses provide the opportunity to sing a variety of choral literature styles for men's and/or women's voices and are designed to develop vocal techniques and the ability to sing parts.

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.

Mellen Course Description: Students will be introduced to listening, speaking, writing, and reading skills. They will also make use of the fundamental rules of grammar, accumulate active and passive vocabulary, ask or respond to simple questions, and use simple expressions common to everyday situations. Students will be introduced to the cultures through the use of audio-visual materials and cultural enrichment activities. The students will learn the importance of daily preparation and practice for achievement in a foreign language. Materials used will be in the form of texts, readers, computer programs, news articles, pictures, as well as audio and visual resources.

06102 Spanish II**Full year, 1 credit**

ITV 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).

Mellen Course Description: This course is an extension of Spanish I. Students will participate in creative and free conversation and increase their knowledge of the people, geography, history, customs, and the humanities of the foreign culture. The use of computers, audio and video programs, literary pieces, and research materials will all be useful in achieving the goals.

06103 Spanish III**Full year, 1 credit**

ITV 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.

Mellen Course Description: This course expands the students' knowledge of the Spanish language by integrating the skills of listening, speaking, reading, writing, viewing and demonstrating. Students will learn about the nature of language and culture by comparing other languages and cultures with their own. The instructor will meet with students "face to face" at least twice a year, and if distance allows, will organize activities that involve students from both the home and remote site.

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****Full year 1 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.

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.

08151 Drivers' Education—Classroom Only**1 Semester, every other day, ¼ credit****Summer Only**

DPI Course Description: Drivers' Education—Classroom Only courses provide students with the knowledge to become safe drivers on America's roadways. Topics in these courses include legal obligations and responsibility, rules of the road and traffic procedures, safe driving strategies and practices, and the physical and mental factors affecting the driver's capability (including alcohol and other drugs).

Mellen Description: Open to tenth grade students who are 15 years, 6 months old on or before December 31. Freshmen who meet the age requirement will be considered on a seat available basis only.

Subject Area 12: Business and Marketing**Two(2) Credits Required for Graduation****11152 Desktop Publishing****Full year, 1 credit**

DPI Course Description: Desktop Publishing courses integrate the knowledge and skills learning in word processing with the concepts, procedures and application of desktop publishing. Students learn to format, create and proofread brochures, programs, newsletters, web pages, presentations and manuscripts.

12006 Word Processing**Full year, 1 credit**

Course may be taken for WITC-Ashland Advanced Standing College Credit

DPI Course Description: Word Processing courses introduce students to automated document production using one or more software packages. These courses may introduce keyboarding techniques or may require prior experience; in either case, speed and accuracy are emphasized. A parallel focus is placed on the use of software commands and functions to create, edit, format, and manipulate documents, capitalizing on the power offered by word processing software programs. These courses may also cover file and disk management and other computer-related skills.

12052 Business Management**Full year, 1 credit**

Prerequisite: Competent using Microsoft Office Suite

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.

12104-1 Accounting I**Full year, 1 credit**

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

Prerequisites: Proficient using Excel Spreadsheet Software

DPI Course Description: Accounting courses introduce and expand upon the fundamental accounting principles and procedures used in businesses. Course content typically includes the full accounting cycle, payroll, taxes, debts, depreciation, ledger and journal techniques, and periodic adjustments. Students may learn how to apply standard auditing principles and to prepare budgets and final reports. Calculators, electronic spreadsheets, or other automated tools are usually used. Advanced topics may include elementary principles of partnership and corporate accounting and the managerial uses of control systems and the accounting process.

12104-2 Accounting II**Full year, 1 credit**

Prerequisite: Accounting I

A student could receive anywhere from one (1) to four (4) WITC-Ashland Transcribed College Credits, depending on first year accounting experience.

DPI Course Description: Accounting courses introduce and expand upon the fundamental accounting principles and procedures used in businesses. Course content typically includes the full accounting cycle, payroll, taxes, debts, depreciation, ledger and journal techniques, and periodic adjustments. Students may learn how to apply standard auditing principles and to prepare budgets and final reports. Calculators, electronic spreadsheets, or other automated tools are usually used. Advanced topics may include elementary principles of partnership and corporate accounting and the managerial uses of control systems and the accounting process.

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. 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.

Areas of Study:

Areas of study include but are not restricted to:

- Wood Technology
- Metal Fabrication
- Automotive
- Small Engines
- CADD/Design
- 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

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 (3) WITC-Ashland Transcribed College Credits

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.

14154H Medical Terminology (Even Years 15-16)**Full year, 1 credit**

DPI Course Description: In Medical Terminology courses, students learn how to identify medical terms by analyzing their components. These courses emphasize defining medical prefixes, root words, suffixes, and abbreviations. The primary focus is on developing both oral and written skills in the language used to communicate within health care professions.

22995 Miscellaneous— Teacher's Aide**Full year, 1 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.

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.

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.

Youth Options

The Youth Options program allows all public high school juniors and seniors who meet certain requirements to take postsecondary courses at a Wisconsin technical college or institution of higher education. An institution of higher education (IHE) includes UW System Institutions, tribally controlled colleges and private, nonprofit institutions. The program opens the door to greater learning opportunities for students who are considering a technical career, students wishing to begin college early, or students who want to prepare to enter the workforce immediately after high school graduation.

If you are interested in the Youth Options Program, please see Auburn Powell, Guidance Counselor, for the required documentation. Youth Options courses count as credit toward graduation. The transfer of credits is as follows: Institution of Higher Education Transfers to Mellen School District

1 Credit = .25 Credits

2 Credits = .50 Credits

3 Credits = .75 Credits

4 Credits = 1.00 Credit

Course Options

Course Options provides a means for Wisconsin students to take courses offered by other Wisconsin school districts, and includes the opportunity for students to enroll in courses offered by charter schools, various institutions of higher education, and approved nonprofit organizations at no cost to the student.

Student may take up to two courses at a time through Course Options. The course(s) must satisfy a high school graduation requirement, and must conform to the student's Academic and Career Plan.

For more information on Course Options and to download required forms go to: courseoptions.dpi.wi.gov