



Graduation Requirements

&

Course Selection Guide:

Class of 2021

Meeker High School

Meeker High School Graduation Requirements

Beginning with the Class of 2021

In pursuit of its mission to ensure that all students reach their learning potential, the Board of Education has established the following graduation requirements based on state and academic standards.

State Standards and District Academic Standards

All students must meet or exceed state standards and district academic standards prior to becoming eligible to graduate or complete the requirements and goals as listed on a student's Individualized Education Program (IEP), which may include modified standards.

Graduation from high school is a culminating event that results from the foundations built at the elementary and middle levels. Graduation is a collaborative effort among levels in a student's public school career. Each level of school and each staff member or parent / guardian who instructs or counsels a student shares responsibility for the ultimate ability of that student to demonstrate proficiency in the academic standards and to meet the expectations for graduation.

The Meeker School District shall develop graduation criteria that exceed the guidelines adopted by the state of Colorado. Students wishing to earn a diploma from Meeker High School will be required to meet the guidelines established by the Meeker School District. School district administration shall develop the guidelines necessary for meeting the state minimums.

Units of Credit Needed

A total of 24 credits during grades nine through twelve are required for graduation. A credit is defined as the successful completion of a course which meets a minimum of four days per week for a minimum of 50 minutes daily for at least 36 weeks or the equivalent. Successful completion means that the student obtained a passing grade for the course.

Student Course Load

The intention of the Board and Meeker High School is for students to be enrolled for eight semesters of high school and earn a minimum of 24 credits to graduate. All students must be enrolled in a full-time, seven-class Meeker High School schedule. Students who wish to take fewer credits in any given school year must obtain advance permission from the principal.

The following criteria shall entitle a student to a high school diploma:

- Achievement in district academic standards as demonstrated by mastery of the curriculum which may include, but is not limited to, daily classroom assignments, the state assessment program, the district assessment program, classroom assessments, and student participation in, and completion of, assigned projects.

- Completion of 24 credits in grades nine through twelve in the prescribed categories listed below.
- Receiving a Passing Score on ANY one of the following: Accuplacer, ACT, Advanced Placement Exams, ASVAB, Concurrent Enrollment Courses, District Capstone Project or SAT.
- Completion of the requirements and goals as listed on a student's Individualized Education Plan (IEP) which may include modified academic standards

Repeating Classes

After a course has been passed, no future grade or credits earned in the same course shall be used to determine class rank or grade point average.

Classes with more than one level that are recognized as separate courses

- | | |
|---------------------------------|---------------------------------|
| • Art 1, 2, 3, 4 | • Industrial Arts 1, 2, 3, 4 |
| • Band 1, 2, 3, 4 | • Journalism 1, 2, 3, 4 |
| • Creative Writing 1, 2, 3, 4 | • Physical Education 1, 2, 3, 4 |
| • Current Events 1, 2, 3, 4 | • Welding and Ag. Mechanics |
| • Desktop Publishing 1, 2, 3, 4 | |

Credit from other institutions and home-based programs

All students entering from outside the district must meet the district graduation requirements. The principal shall determine whether credit toward graduation requirements shall be granted for courses taken outside the district. Students who are currently enrolled in the district and wish to obtain credit from outside institutions, or through "online" programs, must have prior approval from the principal.

The district shall accept the transcripts from a home-based educational program. In order to determine whether the courses and grades earned are consistent with district requirements and district academic standards, the district shall require submission of the student's work or other proof of academic performance for each course for which credit toward graduation is sought. In addition, the district may administer testing to the student to verify the accuracy of the student's transcripts. The district may reject any transcripts that cannot be verified through such testing.

Independent Study

Independent study, work experience, and experienced-based programs approved in advance by the principal may be taken for high school credit. Administration shall develop guidelines for the acceptance of high school credit through institutions other than Meeker High School.

Meeker High School Course Requirements

(Beginning with the Class of 2021)

<u>Number of Credits</u>	<u>Subject</u>	<u>Required Courses</u>
4	Language Arts	* Integrated Reading & Writing I (9 th Grade) * Integrated Reading & Writing 2 (10 th Grade) <p style="text-align: center;"><u>OR</u></p> * LIT 115 (Intro to Literature) / LIT 201 (World Literature) (10 th Grade) <i>Must Pass Accuplacer with 80 on Reading Comprehension and 95 on Sentence Skills in order to take LIT 115 / LIT 201 in place of Integrated Reading & Writing 2</i> * US Literature (11 th Grade)
4	Mathematics	
3	Science	* Integrated Physical Science * Integrated Biological Science
3	Social Studies	* World Geography / World History (9 th Grade) * U.S. History (11 th Grade) * American Government (12 th Grade)
2	Career & Technical Education	
0.5	Health	* Teen Choices (9 th Grade)
1	Fine Arts	
1	Physical Education	* Physical Education OR Weight Training * <i>Or participate in 3 sports seasons excluding managing)</i>
1	Foreign Language	
4.5	Academic Electives	
24	TOTAL CREDITS	

Meeker High School's College & Career-Readiness Graduation Guidelines

In addition to completing the required 24 credits of coursework, each Meeker High School Student must demonstrate college or career readiness in English and Math based on at least ONE of the following College and Career-Readiness Demonstration options in order to receive a High School Diploma from Meeker High School. This menu lists the minimum scores required. Meeker High School has the authority to adapt any of the following college and career demonstrations necessary to earn a standard high school diploma to accommodate for students with the following exceptions: English learners, gifted students and students with disabilities.

ACCUPLACER Exam (Administered by the College Board) – ACCUPLACER is a computerized test that assesses reading, writing, math and computer skills. The results of the assessment, in conjunction with a student's academic background, goals and interests, are used to place students in college courses that match their skill levels.

<u>English</u>	<u>Math</u>
62 on Reading Comprehension	61 on Elementary Math

ACT – ACT is a national college admissions exam. It measures four subjects – English, Reading, Math, and Sciences. The highest possible score for each subject is 36.

<u>English</u>	<u>Math</u>
18 on ACT English	19 on ACT Math

Advanced Placement Exams – AP exams test students' abilities to perform at a college level. Districts choose which AP exams will qualify for this option. Scores ranges from 1 to 5 (highest).

<u>English</u>	<u>Math</u>
2	2

ASVAB Test - The Armed Services Vocational Aptitude Battery (ASVAB) is a comprehensive test that helps determine students' eligibility and suitability for careers in the military. Students who score at least 31 are eligible for service (along with other standards). Students who take the ASVAB are not required to enlist in the military.

<u>English</u>	<u>Math</u>
31	31

Concurrent Enrollment – Concurrent enrollment provides students the opportunity to enroll in postsecondary courses, simultaneously earning high school and college credit. An eligible concurrent enrollment course is 1) the pre-requisite directly prior to a credit-bearing course or 2) a credit-bearing course.

<u>English</u>	<u>Math</u>
70%	70%

District Capstone – A capstone is the culminating exhibition of a student's project or experience that demonstrates academic and intellectual learning. Capstone projects often include a portfolio of a student's best work. Please see the following pages for information on Meeker High School's District Capstone Requirements.

<u>English</u>	<u>Math</u>
Individualized - see attached	Individualized - see attached

SAT – The SAT is a college entrance exam that is accepted or required at nearly all four year colleges and universities in the U.S. The current SAT includes sections on reading, writing and math. The highest possible score for each section is 800.

<u>English</u>	<u>Math</u>
430	460

Meeker School District Graduation Capstone Requirement

1. Students qualifying for Capstone Project will be identified at the conclusion of their junior year.
2. Each qualifying student will be assigned to work with a Career and Technical Education Teacher to meet the following requirements. Students are not limited to the information below, however, these are the minimum requirements.
3. Student will present completed portfolio by May 1st, with final changes requested by board re-presented no later than 10 days prior to graduation.
4. Student must receive an 80% or better in order to pass capstone/graduate.
5. If any part of capstone is plagiarized, you will not graduate.

Hardcopy Portfolio

The *portfolio* is a collection of materials used to document and illustrate the work of the project. A decorative and/or informative cover may be included. All materials, including the *content divider pages* and tabs, must fit within the cover, be one-sided, and may not contain more than 46 pages.

Electronic Portfolio

An *electronic portfolio* may be either in PowerPoint, Prezi, or other electronic format that can be viewed by the evaluators prior to the oral presentation. Participants assume the responsibility of providing the technology used to show the evaluators the project. *Portfolio* may not exceed 47 slides, as described below.

1-8 ½" x 11" page or 1 slide	Identification Page	Plain paper or slide, with no <i>graphics</i> or decorations; must include participant's name(s), school, city, state, and career investigated.
1-8 ½" x 11" page or 1 slide	Table of Contents	List the parts of the <i>portfolio</i> in the order in which the parts appear.
0-7	Content Divider Pages or Sections	Use up to 7 <i>content divider/section</i> pages or slides. <i>Content divider/section</i> pages may be tabbed, may contain a title, a section name, <i>graphic</i> elements, thematic decorations, and/or page numbers. They must not include any other <i>content</i> .
Up to 35 8 ½" x 11" pages or 45 slides	Self-Assessment	Document evidence of self-assessment. Examples include examining personal interests, values, aptitudes, skills, personality traits, and learning styles. Describe the role of self-assessment in the selection of the specific career.
	Resume	An appropriate Resume for Career Research. Not all resumes are the same, it needs to be appropriate for career goals.
	Evidence of Career Research	Provide detailed research including job description; duties and responsibilities; qualifications; entry-level position and advancement opportunities; job outlook; and salary.
	Experiences with Business, Industry, Agencies, and Organizations	Document experiences in selected career field. Examples of documentation may include but are not limited to written summaries of interviews from business, industry, agency, organization personnel; written narrative of job shadowing or cooperative work experiences; and photographs; Time sheets. Students will need 2 non-academic letters of recommendation.
	Samples of School Work	Include examples or samples of academic coursework.
	Senior Reflection	Minimum of 1 page, maximum of 3 pages reflected on skills learned/accomplished; and their responsibility for Academic Achievement.
	Workforce Readiness	Pass the Precision Exam " 21st Century Success Skills " with an 80% or better
	Career Planning	State career goals and create a plan for achieving goals. Include plans for high school and further education and training as well as extra-curricular and intra-curricular activities that will enhance possibilities for achieving goals.
	Works Cited/Bibliography	Use MLA or APA citation style to cite all references. Resources should be <i>reliable</i> and <i>current</i> .
Appearance	<i>Portfolio</i> must be neat, legible, and <i>professional</i> and use correct grammar and spelling.	

Oral Presentation

The oral presentation may be up to 10 minutes in length and is delivered to evaluators. The presentation is to describe research and career exploration efforts in detail. The *portfolio* will be used by the participant during the oral presentation.

Organization/Delivery	Deliver oral presentation in an organized, sequential manner; concisely and thoroughly summarize research.
Knowledge of Selected Career	Present <i>current</i> data and show evidence of knowledge of selected career.
Relationship to Coursework/ Industry	Describe the relationship of future plans to coursework and/or standards to selected career.
Use of <i>Portfolio</i>	Use <i>portfolio</i> to describe all phases of the project.
Voice	Speak clearly with appropriate pitch, tempo, and volume.
Body Language/Clothing Choice	Use appropriate body language including gestures, posture, mannerisms, eye contact, and appropriate handling of notes or note cards if used. Wear appropriate clothing for the nature of the presentation.
Grammar/Word Usage/ Pronunciation	Use proper grammar, word usage, and pronunciation.
Responses to Evaluators' Questions	Provide clear and concise answers to evaluators' questions regarding project. Questions are asked after the presentation.

Weighted Grades at Meeker High School

The majority of classes at Meeker High School grade on a 4.0 scale as follows:

GRADE	PERCENT	GPA POINTS
A	90-100	4
B	80-89	3
C	70-79	2
D	60-69	1
F	0-59	0
Pass / Fail	Not Calculated into GPA	N/A

Beginning with the class of 2021, all AP classes and Concurrent Enrollment classes that require a minimum Reading Score of 80 AND/OR Sentence Skills Score of 95 OR Elementary Algebra Score of 85 will be graded on a 5.0 scale as follows:

GRADE	PERCENT	GPA POINTS
A	90-100	5
B	80-89	4
C	70-79	3
D	60-69	2
F	0-59	0
Pass / Fail	Not Calculated into GPA	N/A

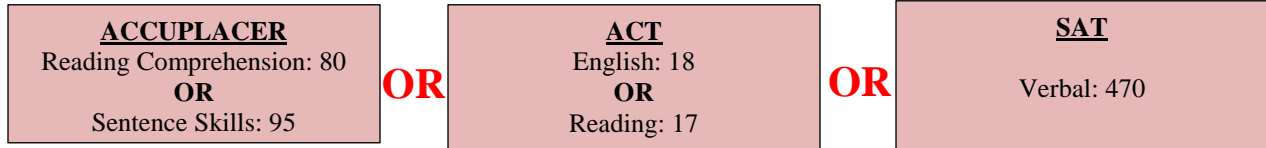
Valedictorian / Salutatorian

- The student(s) with the highest class rank who was (were) in attendance the entire senior year at Meeker High School will be valedictorian. When more than one student holds the numerical “one rank,” all students holding the rank will be declared co-valedictorians.
- The student(s) with the second highest class rank who was (were) in attendance the entire senior year at Meeker High School will be declared salutatorian. When more than one student holds the numerical “two rank,” all students holding the rank will be declared co-salutatorian.
- For a student to be considered for valedictorian or salutatorian, that student must also be enrolled in seven Meeker High School classes during his or her senior year.

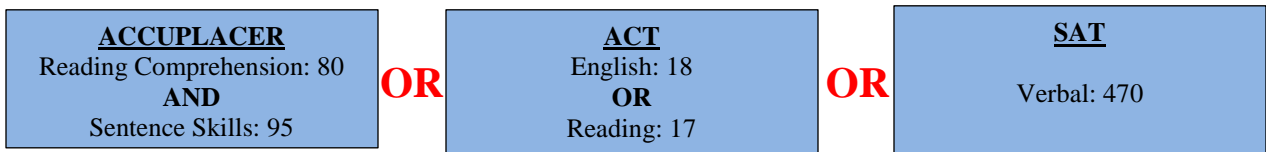
Table of Weighted Classes at Meeker High School
(Starting w/ Class of 2021):

Math	Science	English	Social Studies	Art
<p align="center"><u>MAT 201</u> <u>(Calculus 1)</u></p> <p>0.5 MHS Credits 5 CNCC Credits</p>	<p align="center"><u>AP Physics</u></p> <p>1.0 MHS Credits</p> <p><i>*Possible College Credit based on AP Test Score</i></p>	<p align="center"><u>ENG 121</u> <u>(English Composition I)</u></p> <p>0.5 MHS Credits 3 CNCC Credits</p> <p align="center"><u>ENG 122</u> <u>(English Composition II)</u></p> <p>0.5 MHS Credits 3 CNCC Credits</p>	<p align="center"><u>AP Macroeconomics</u></p> <p>0.5 MHS Credits</p> <p><i>*Possible College Credit based on AP Test Score</i></p>	<p align="center"><u>ART 110</u> <u>(Art Appreciation)</u></p> <p>0.5 MHS Credits 3 CNCC Credits</p>
<p align="center"><u>MAT 135</u> <u>(Intro to Statistics)</u></p> <p>0.5 MHS Credits 3 CNCC Credits</p>	<p align="center"><u>BIO 106</u> <u>(Basic Anatomy & Physiology)</u></p> <p>0.5 MHS Credits 4 CNCC Credits</p>	<p align="center"><u>AP English Literature</u></p> <p>1.0 MHS Credits <i>**Possible College Credit based on AP Test Score</i></p>	<p align="center"><u>AP Microeconomics</u></p> <p>0.5 MHS Credits <i>*Possible College Credit based on AP Test Score</i></p>	<p align="center"><u>ART 111</u> <u>(Art History Ancient / Medieval)</u></p> <p>0.5 MHS Credits 3 CNCC Credits</p>
<p align="center"><u>MAT 122</u> <u>(College Trigonometry)</u></p> <p>0.5 MHS Credits 3 CNCC Credits</p>	<p align="center"><u>CHE 101</u> <u>(Intro to Chemistry I / Lab)</u></p> <p>0.5 MHS Credits 5 CNCC Credits</p>	<p align="center"><u>LIT 115</u> <u>(Intro to Literature)</u></p> <p>0.5 MHS Credits 3 CNCC Credits</p> <p align="center"><u>LIT 201</u> <u>(World Literature)</u></p> <p>0.5 MHS Credits 3 CNCC Credits</p>		<p align="center"><u>ART 112</u> <u>(Art History Renaissance / 1900)</u></p> <p>0.5 MHS Credits 3 CNCC Credits</p>
<p align="center"><u>MAT 121</u> <u>(College Algebra)</u></p> <p>0.5 MHS Credits 4 CNCC Credits</p>		<p align="center"><u>COM 115</u> <u>(Public Speaking)</u></p> <p>0.5 MHS Credits 3 CNCC Credits</p>		

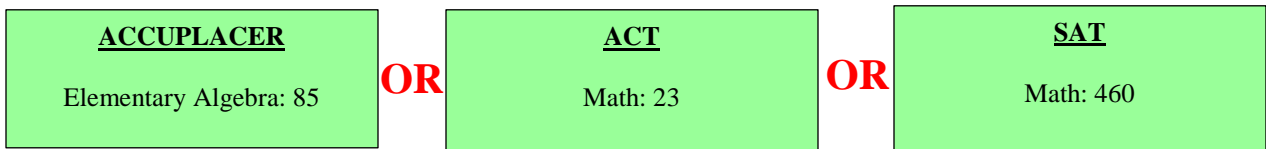
Minimum Standardized Testing Scores Required to Enroll In Weighted Courses Graded on the 5.0 Scale:



- **ART 110** - Art Appreciation
- **ART 111** - Art History Ancient / Medieval
- **ART 112** - Art History Renaissance / 1900
- **BIO 106** - Basic Anatomy & Physiology
- **CHE 101** - Intro to Chemistry I
- **COM 115** - Public Speaking
- **AP Macroeconomics / AP Microeconomics**



- **ENG 121 / ENG 122** - English Composition I & II
- **LIT 115 / LIT 201** - Intro to Literature / World Literature to 1600
- **AP Literature** – Advanced Placement Literature and Composition



- **MAT 121 / 122** - College Algebra & Trig.
- **MAT 135** - Statistics
- **MAT 201** – Calculus
- **AP Physics** - Advanced Placement Physics

FINE ARTS

(ONE YEAR REQUIRED)

ART

Class attendance is critical for students to achieve maximum value of art classes. A student missing more than 4 class periods each semester will have his/her credits reduced. Please consider this before signing up.

ART I

Prerequisite: None

MHS Credits: 1

Grade Level: 9-12

Length: One Year

Art I is intended to be an introduction to art through student exploration of many different art materials. The course includes techniques in drawing, painting, 3-dimensional work, and crafts with an emphasis on drawing. Creative problem solving is emphasized through specific assignment problems. Art history will be integrated into the assignments throughout the year. Students will improve their skills and become competent in the use of art terminology. Goals include a gradual improvement of art skills, an increased visual awareness, and an increased understanding of art principles and structure.

ART II

Prerequisite: Art I

MHS Credits: 1

Grade Level: 10-12

Length: One Year

Art II is intended to develop an improvement of art skills for those students wishing to continue in a studio arts class. Media is re-explored at a more in-depth level. It includes work in drawing, oil painting, watercolor, 3-dimension, and crafts with the emphasis remaining on drawing, which includes a closer examination of drawing the human. Students will also be introduced to materials and techniques not explored in Art I. Goals include deeper visual awareness and creativity, more improvement in art skills, and greater demand on the student in decision-making. Art II students also should consider building work for Studio AP Art if they continue onto Art III and Art IV.

ART III / ART IV

Prerequisite: Art II

MHS Credits: 1

Grade Level: 11-12

Length: One Year

Art III-IV is geared for the student leaning towards art as a leisure time activity in the future and for the student who may pursue it as a career or a career-related need. Although specific styles and techniques are required in course work, students make their own decisions in their development as artists. Creativity and originality are expected, and there is an emphasis on design and composition. Goals include student contribution to the art of Meeker High School, maturity as an artist, and improvement in creative thinking. Although an outline of study will be offered throughout the year, advanced artists may vary from this and may individualize their studies with teacher guidelines. Goals include student growth within the combination of quality, originality, and independence as an artist. Students will also have the opportunity if they chose, to complete an AP Studio Art portfolio (2D, 3D and Drawing). The AP Studio Art portfolio consists of a breadth, concentration and final section.

ART 110 ART APPRECIATION – (WEIGHTED COURSE)

Prerequisite: Pass English Accuplacer

College Credits: 3 Credit Hours

With 80 on Reading **OR**

MHS Credit: 0.5 Credits

95 on Sentence Skills **OR**

Score 18 on ACT English

OR 17 on ACT Reading **OR**

Score 470+ on SAT English

Grade Level: 10-12

Length: One Semester—Spring

Art Appreciation is a guaranteed transfer course that meets partial completion of the Arts and Humanities credits needed for the General Education requirements that need to be met at the collegiate level. This class helps students understand the importance of Art throughout history, in today's society and the social impact art has on our everyday lives. Students will be able to understand, critique and have a working, basic knowledge of art. The class is offered when a minimum number of students request this course.

ART 111 ART HISTORY ANCIENT / MEDIEVAL (WEIGHTED COURSE)

Prerequisite: Teacher Approval

College Credits: 3 Credit Hours

MHS Credit: 0.5 Credits

Grade Level: 10-12

Length: One Semester—Fall

This class provides the knowledge base to understand the visual arts, especially as related to Western Culture. It surveys the visual arts from the Ancient through the medieval periods. This is a state core course. Activities include discussion, lecture, slide presentations, and available video resources. The relationship of one art period to other areas such as music and literature will be touched upon and, should be absorbed as peripheral understanding. This course is intended to help the student leaning towards a fine arts, art education, history, or humanities major or minor. The class is offered when a minimum number of students request this course.

ART 112 ART HISTORY RENAISSANCE / 1900 (WEIGHTED COURSE)

Prerequisite: Pass English Accuplacer

College Credits: 3 Credit Hours

With 80 on Reading **OR**

MHS Credit: 0.5 Credits

95 on Sentence Skills **OR**

Score 18 on ACT English

OR 17 on ACT Reading **OR**

Score 470+ on SAT English

Grade Level: 10-12

Length: One Semester—Fall

This class provides the knowledge base to understand the visual arts, especially as related to Western Culture. It surveys the visual arts from the Ancient through the medieval periods. This is a state core course. Activities include discussion, lecture, slide presentations, and available video resources. The relationship of one art period to other areas such as music and literature will be touched upon and, should be absorbed as peripheral understanding. This course is intended to help the student leaning towards a fine arts, art education, history, or humanities major or minor. The class is offered when a minimum number of students request this course.

FINE ARTS (cont).

(ONE YEAR REQUIRED)

ART 121 DRAWING

Prerequisite: Art I

College Credits: 3 Credit Hours

MHS Credit: 0.5 Credits

Grade Level: 10-12

Length: One Semester—Fall

Drawing is a college course that meets a general elective requirement at the collegiate level. This course investigates the various approaches and media that students need to develop drawing skills and visual perception.

ART 131- VISUAL CONCEPTS 2D DESIGN

Prerequisite: Art I or ART 121

College Credits: 3 Credit Hours

MHS Credit: 1 Credit

Grade Level: 10-12

Length: One Semester – Spring

Visual Concepts 2D Design is a college course that meets a general elective requirement at the collegiate level. This class provides students to develop a working knowledge of basic and advanced two-dimensional design concepts. Students will learn the importance of composition, theme, and the Elements and Principles of Design. Later in the semester, we construct the annual yearbook for our school. The class is offered when a minimum number of students request this course.

ART 132 VISUAL CONCEPTS 3D DESIGN

Prerequisite: Art I

College Credits: 3 Credit Hours

MHS Credit: 0.5 Credits

Grade Level: 10-12

Length: One Semester—Fall

3D Design is a college course that meets a general elective requirement at the collegiate level. Focuses on learning to apply the elements and principles of design to three dimensional problems.

ART 161 CERAMICS

Prerequisite: Art I

College Credits: 3 Credit Hours

MHS Credit: 0.5 Credits

Grade Level: 10-12

Length: One Semester—Spring

Ceramics is a college course that meets a general elective requirement at the collegiate level. Introduces traditional and contemporary ceramic forms and processes including hand building and throwing on the potter's wheel.

MUSIC

Students are encouraged to participate for the entire four years in band or choir. Those who participate in four complete years (eight complete semesters) are eligible to apply for the Meeker Band Parents' Scholarship.

BAND I - IV

Prerequisite: Prior Musical Training **MHS Credits:** 1

Grade Level: 9-12

Length: One Year

This course is for students who currently play or who have played a musical instrument. Students will develop their ability to play their instrument as a member of an ensemble. Participation in homecoming festivities is required. Other activities available to members of the band include honor band festivals, solo and ensemble festival, large group festival, and other performances. Students will perform in at least two concerts each year.

CHOIR

Prerequisite: None

MHS Credits: 1

Grade Level: 9-12

Length: One Year

This course is for students who enjoy singing or want to become a better singer and learn more about singing but don't have much or any prior musical training. Students will learn about the anatomy of the voice, proper vocal production, methods and techniques for improving range and tone, and fundamentals of reading music. Students will have the opportunity to participate in honor choir festivals, solo and ensemble festival, and other local performance opportunities. Students will perform in at least two concerts each year.

ADVANCED CHOIR

Prerequisite: Prior experience singing **MHS Credits:** 1
in a choir or prior musical training

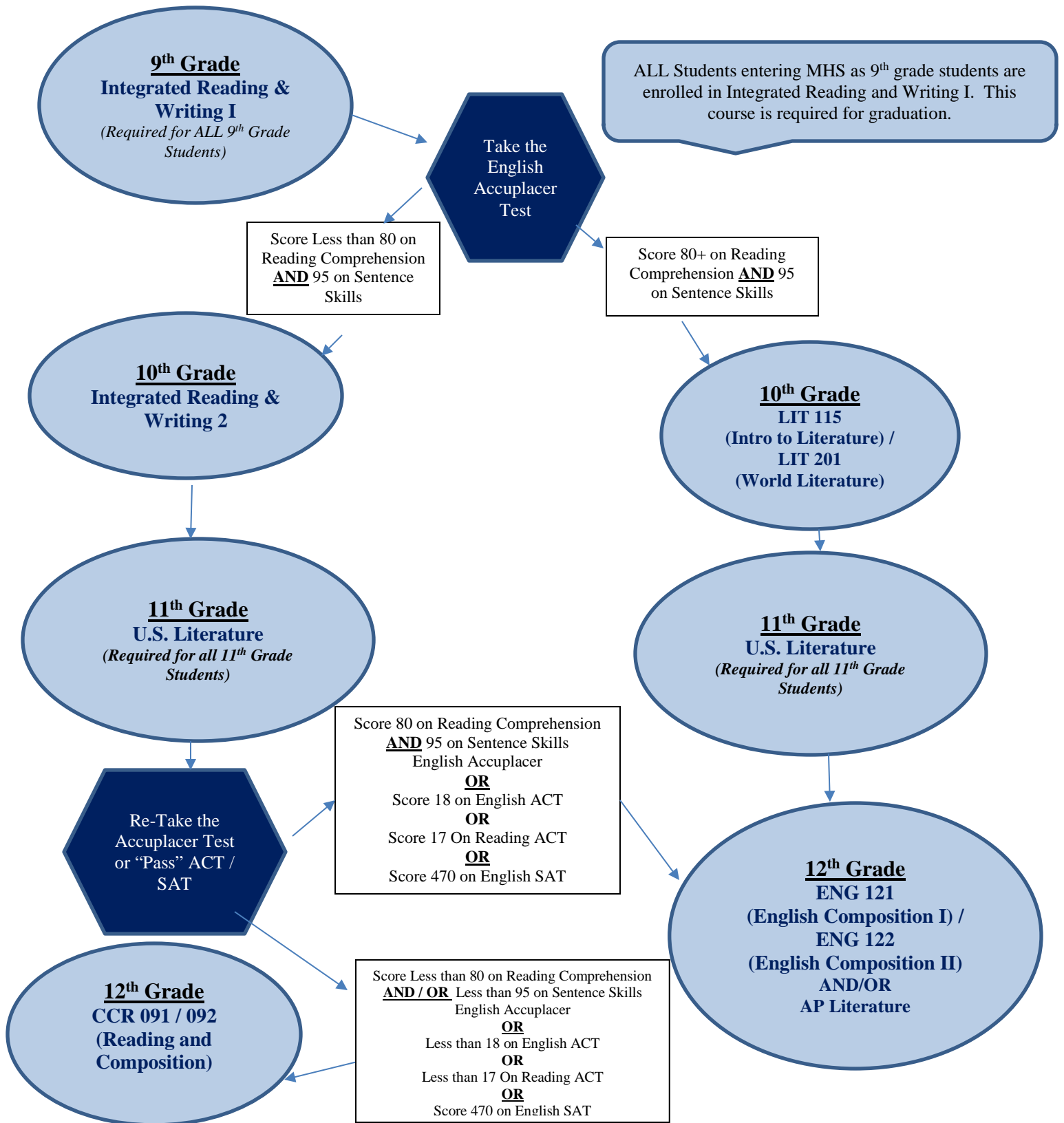
Requires Prior Teacher Approval

Grade Level: 9-12

Length: One Year

Students must audition to be in the advanced Choir. This course is for students who have experience singing in choir or have musical training, and want to be part of a high-quality choral experience. Students will sing multiple part music at a high level. Anatomy of the voice, advanced vocal techniques, choral ensemble techniques, foreign languages, and music reading techniques will be studied. Students will have the opportunity to participate in honor choir festivals, solo and ensemble festival, large group festival, and other performance opportunities. Students will perform in at least two concerts each year.

MHS Language Arts (4 years required)



Any student who passes the Accuplacer Exam with an 80 on Reading Comprehension OR a 95 on Sentence Skills becomes eligible to take many of the Concurrent Enrollment College Classes Offered at MHS. This includes ART 110, ART 111, COM 115, CHE 101, and BIO 106. Only students who pass the Accuplacer with an 80 on Reading Comprehension AND a 95 on Sentence Skills during the Spring of their 9th Grade year, can substitute LIT 115 / LIT 201 for Integrated Reading & Writing 2 for their required 10th Grade Language Arts Class. Students wishing to take LIT 115 / LIT 201 in 11th or 12th grade for elective credit must also pass the Reading Comprehension with an 80 AND the Sentence Skills with a 95.

LANGUAGE ARTS

(4 YEARS REQUIRED)

INTEGRATED READING & WRITING I

Prerequisite: None

MHS Credits: 1

Grade Level: 9-REQUIRED

Length: One Year

Students apply thinking skills to their reading, speaking, listening, and viewing. Students read to locate, select, and make use of relevant information from a variety of media, references, and technological sources. Students read and recognize literature as a record of human experience. Students write and speak for a variety of purposes and audiences. Students write and speak using conventional grammar, usage, sentence structure, punctuation, capitalization, and spelling. (Differentiated instruction).

INTEGRATED READING & WRITING II

Prerequisite: Integrated Reading and Writing I

MHS Credits: 1

Grade Level: 10-REQUIRED

Length: One Year

**Students who pass the Accuplacer Exam with an 80 on Reading Comprehension AND 95 on Sentence Skills may substitute LIT 115 / LIT 201 for Integrated Reading & Writing II. Otherwise IRW 2 is a REQUIRED COURSE for all 10th grade Students.*

This class will provide the skills necessary to meet and exceed state standards for 10th grade students. Students read and understand a variety of materials. Students apply skills from IRW1 at a greater depth and greater breadth. Students apply thinking skills to their reading, speaking, listening, and viewing. Students read to locate, select, and make use of relevant information from a variety of media, references, and technological sources. Students read and recognize literature as a record of human experience. Students write and speak for a variety of purposes and audiences. Students write and speak using conventional grammar, usage, sentence structure, punctuation, capitalization, and spelling. (Differentiated instruction).

LIT 115 INTRODUCTION TO LITERATURE (WEIGHTED COURSE)

Prerequisite: Pass English Accuplacer

College Credits: 3 Cr Hours

With 80 on Reading **AND**

MHS Credit: 0.5 Credits

95 on Sentence Skills **OR**

Score 18 on ACT English

OR 17 on ACT Reading **OR**

Score 470+ on SAT English

Grade Level: 10-12

Length: One Semester—Fall

**Students who pass the Accuplacer Exam with an 80 on Reading Comprehension AND 95 on Sentence Skills may substitute LIT 115 / LIT 201 for Integrated Reading & Writing II. Only students who meet both Accuplacer Cut-Off Scores are eligible to replace Integrated Reading and Writing II with LIT 115 / LIT 201.*

**Students wishing to take LIT 115 / LIT 201 for elective credit during their 11th or 12th grade years MUST also score 80 on Reading Comprehension AND 95 on Sentence Skills in order to take either of these courses.*

This course Introduces students to fiction, poetry, and drama. Emphasizes active and responsive reading, including writing competencies. Students will identify and explore universal themes, topics, and patterns in works studied.

LIT 201 WORLD LITERATURE TO 1600 (WEIGHTED COURSE)

Prerequisite: Pass English Accuplacer

College Credits: 3 Cr Hours

With 80 on Reading **AND**

MHS Credit: 0.5 Credits

95 on Sentence Skills **OR**

Score 18 on ACT English

AND 17 on ACT Reading **OR**

Score 470+ on SAT English

Grade Level: 10-12

Length: One Semester—Spring

**Students who pass the Accuplacer Exam with an 80 on Reading Comprehension AND 95 on Sentence Skills may substitute LIT 115 / LIT 201 for Integrated Reading & Writing II. Only students who meet both Accuplacer Cut-Off Scores are eligible to replace Integrated Reading and Writing II with LIT 115 / LIT 201.*

**Students wishing to take LIT 115 / LIT 201 for elective credit during their 11th or 12th grade years MUST also score 80 on Reading Comprehension AND 95 on Sentence Skills in order to take either of these courses.*

This course examines significant writings in world literature from the seventeenth century to the present. It emphasizes careful reading and understanding of the works and their cultural backgrounds

UNITED STATES LITERATURE & COMPOSITION

Prerequisites: Integrated Reading & Writing I **AND** Integrated

Reading & Writing II **OR** Integrated Reading & Writing I **AND**

LIT 115 (Intro to Literature) / LIT 201 (World Literature)

MHS Credit: 1

Grade Level: 11-REQUIRED

Length: One Year

This course will include historical documents, speeches, Supreme Court decisions, short stories, poetry, classic literature on film, plays, and novels in association with examination and analysis of cultural constructs associated with multiple genres from diverse time periods and cultural constructs. Students will write analysis papers and complete projects in response to the literature. Students will also write in a variety of genres in association with models from famous US literature.

This course will also include college entrance exam preparation.

CREATIVE WRITING I, II, III, IV

Prerequisite: None

MHS Credits: 1

Grade Level: 9-12

Length: One Year

Students learn to organize effectively, develop ideas, use voice effectively, select word choice, develop sentence fluency, use conventions appropriately, and format their presentations in a polished and useful manner. Students will read, analyze, and discuss examples from a variety of genres to provide creative models for student work. Students will work in a variety of genres including: micro fiction, flash fiction, triptych fiction, creative non-fiction, creative essays, novellas, and poetry, playwrighting, and song lyrics. Emphasis will be placed on analysis, the creative process, and organization skills.

LANGUAGE ARTS

(Continued)

(4 YEARS REQUIRED)

ENG 121 ENGLISH COMPOSITION I (WEIGHTED COURSE)

Prerequisite: Pass English Accuplacer
With 80 on Reading **AND**
95 on Sentence Skills **OR**
Score 18 on ACT English
OR 17 on ACT Reading **OR**
Score 470+ on SAT English

College Credits: 3 Cr Hours
MHS Credit: 0.5 Credits

Grade Level: 12 **Length:** One Semester—Fall

This course emphasizes the planning, writing, and revising of academic compositions, including the development of critical and logical thinking skills. It includes reading analytically, and writing, which may include expressive, informative, analytical, evaluative, and persuasive writing to prepare students to excel in the workplace or higher education setting.

ENG 122 ENGLISH COMPOSITION II (WEIGHTED COURSE)

Prerequisite: Pass English Accuplacer
With 80 on Reading **AND**
95 on Sentence Skills **OR**
Score 18 on ACT English
OR 17 on ACT Reading **OR**
Score 470+ on SAT English

College Credits: 3 Cr Hours
MHS Credit: 0.5 Credits

Grade Level: 12 **Length:** One Semester: Spring

This course expands and refines the objectives of English Composition I. It emphasizes critical and logical thinking, problem definition, research strategies, and writing analytical, evaluative, and/or persuasive papers that incorporate research.

CCR 091 / 092 READING AND COMPOSITION

Prerequisite: Pass English Accuplacer
With 40-79 on Reading **OR**
50-94 on Sentence Skills **OR**
Less than an 18 on ACT English
OR 17 on ACT Reading **OR**
Less than 470 on SAT English

College Credits: 5 Cr Hours
MHS Credit: 1.0 Credits

Grade Level: 12 **Length:** One Year

This course is designed for the college bound student who needs additional assistance to read for multiple levels of understanding, to read critically, and to apply the steps of the reading process, including pre-reading, annotating and analysis, using college-level readings and materials. Student also will demonstrate knowledge of and ability to summarize college-level course materials applying the reading and writing processes.

COM 115 PUBLIC SPEAKING (WEIGHTED COURSE)

Prerequisite: Pass English Accuplacer
With 80 on Reading **OR**
95 on Sentence Skills **OR**
Score 18 on ACT English
OR 17 on ACT Reading **OR**
Score 470+ on SAT English

College Credits: 3 Cr Hours
MHS Credit: 0.5 Credits

Grade Level: 10-12 **Length:** One Semester

This course combines the basic theory of speech communication with public speech performance skills. Emphasis is on speech delivery, preparation, organization, support, and audience analysis.

AP LITERATURE & COMPOSITION (WEIGHTED COURSE)

Prerequisite: Pass English Accuplacer
With 80 on Reading **AND**
95 on Sentence Skills **OR**
Score 18 on ACT English
OR 17 on ACT Reading **OR**
Score 470+ on SAT English

College Credits: Varies
MHS Credit: 0.5 Credits

Grade Level: 10-12 **Length:** One Year

This course prepares students to take and pass the AP Literature and Composition Exam. Students will read published works of drama, poetry, or prose fiction; in addition they will write literary analysis essays over various literary works – including poetry, prose fiction, drama, or non-fiction prose.

ENG 221 CREATIVE WRITING

Prerequisite: Pass English Accuplacer
With 80 on Reading **AND**
95 on Sentence Skills **OR**
Score 18 on ACT English
OR 17 on ACT Reading **OR**
Score 470+ on SAT English
AND Creative Writing I, II, III

College Credits: 3 Cr Hours
MHS Credit: 0.5 Credits

Grade Level: 12 **Length:** One Year

Students learn to organize effectively, develop ideas, use voice effectively, select word choice, develop sentence fluency, use conventions appropriately, and format their presentations in a polished and useful manner. Students will read, analyze, and discuss examples from a variety of genres to provide creative models for student work. Students will work in a variety of genres including: micro fiction, flash fiction, triptych fiction, creative non-fiction, creative essays, novellas, and poetry, playwriting, and song lyrics. Emphasis will be placed on analysis, the creative process, and organization skills.

MHS Math (4 years required)

Pre-Algebra

(Students Placed into This Class based on Teacher Recommendation &/or NWEA MAPS Test Scores 219)

Algebra I

(Recommended for Students with NWEA MAPS Scores 220-254)

Geometry

(Recommended for Students with NWEA MAPS Scores 255+)

Algebra II

Business Math

or

MAT 050/055

*(Quantitative Literacy & Algebraic Literacy)
(To place into MAT 050/055, must score 30-84 on Accuplacer)*

**Take the
Accuplacer
Test**

Score less than 85 on Elementary Algebra Accuplacer
OR Less than 23 on Math ACT **OR** 460 on Math SAT

Score 85+ on Elementary Algebra Accuplacer,
OR 23 on Math ACT **OR** 460 on Math SAT

MAT 121/122

(College Algebra and Trigonometry)

MAT 201 Calculus

(Offered 2017-2018, AND 2019-2020)

or

MAT 135 Statistics

(Offered 2018-2019 AND 2020-2021)

Students entering MHS as 9th graders are assigned a math course (Pre-Algebra, Algebra I, or Geometry) based on: Instructor Recommendation, NWEA MAPS Scores over time, and other qualifications.

Students **MAY** double up on Math (take Geometry and Algebra 2 concurrently) if they hope to position themselves to take Calculus and Statistics their junior and senior years. **HOWEVER**, students are only allowed to do this based on teacher recommendation, NWEA MAPS Scores and other qualifications.

- It is recommended that students score at least a **261 on their NWEA MAPS** assessment in order to double up on Geometry and Algebra 2.

MATHEMATICS

(FOUR YEARS REQUIRED)

PRE-ALGEBRA

Prerequisite: None

MHS Credits: 1

Grade Level: 9-12

Length: One Year

This course will place a strong emphasis on the continued study of integers, order of operations, variables, expressions, and equations. Students will solve and graph equations and inequalities, write and solve proportions, explore geometry, statistics and probability and graphing linear functions. The focus of this course is to help students to develop good mathematical study skills, learning strategies, logic, and critical thinking and to overcome weaknesses in mathematics while emphasizing the concepts necessary to be successful in Algebra I and II.

ALGEBRA I

Prerequisite: None (*Recommended NWEA MAPS Scores of 229-254*)

MHS Credits: 1

Grade Level: 9-12

Length: One Year

Students practice algebra problem-solving skills involving fractions, decimals, positive and negative numbers, squares, square roots, number series, and simultaneous equations. Students solve equations and inequalities and learn graphing of ordered pairs, linear equations, and inequalities. Word problems are used to show practical application and to strengthen problem-solving skills. Students explore the language of algebra in verbal, tabular, graphical, and symbolic forms. Problem solving activities and applications encourage students to model patterns and relationships with variables and functions

GEOMETRY

Prerequisite: Algebra I or (*Recommended NWEA MAPS Scores of 255+*)

MHS Credits: 1

Grade Level: 9-12

Length: One Year

Geometry is the study of sets of point in 2 and 3 dimensions. Emphasis will be on Euclidean Geometry, incorporating real-work applications whenever possible. Deductive and inductive reasoning will be reviewed, encouraged, and expected to solve geometric problems, formally and informally. An honor's option is available.

ALGEBRA II

Prerequisite: Geometry

MHS Credits: 1

Grade Level: 10-12

Length: One Year

Geometry may be taken concurrently with instructor approval. Algebra II builds on concepts introduced in Algebra I and Geometry. Main topics include linear functions, system of equations, quadratic equation, complex numbers, exponential and logarithmic functions, conic functions, and rational/irrational functions. Problem-solving and critical thinking skills will be emphasized. Graphing calculator technology will enhance student's learning and work.

MAT 050 QUANTITATIVE LITERACY

Prerequisite: Accuplacer Exam. Score 30-84

College Credit: 4 Credit Hours

MHS Credit: 0.5 Credits

Grade Level: 12

Length: One Semester—Fall

This course is designed for Seniors who need extra preparation to succeed in college math. First semester develops number sense and critical thinking strategies, introduces algebraic thinking, and connects mathematics to real world applications. Topics in the course include ratios, proportions, percent, measurement, linear relationships, properties of exponents, polynomials, factoring, and math learning strategies. Second semester develops algebraic skills necessary for manipulating expressions and solving equations. Topics include radicals, complex numbers, polynomials, factoring, rational expressions, quadratic equations, absolute value equations and inequalities, systems of linear equations, related applications, and math learning strategies.

MAT 055 ALGEBRAIC LITERACY

Prerequisite: MAT 050

College Credit: 4 Credit Hours

MHS Credit: 0.5 Credits

Grade Level: 12

Length: One Semester—Spring

This course is designed for Seniors who need extra preparation to succeed in college math. First semester develops number sense and critical thinking strategies, introduces algebraic thinking, and connects mathematics to real world applications. Topics in the course include ratios, proportions, percents, measurement, linear relationships, properties of exponents, polynomials, factoring, and math learning strategies. Second semester develops algebraic skills necessary for manipulating expressions and solving equations. Topics include radicals, complex numbers, polynomials, factoring, rational expressions, quadratic equations, absolute value equations and inequalities, systems of linear equations, related applications, and math learning strategies.

MAT 121 COLLEGE ALGEBRA (WEIGHTED COURSE)

Prerequisites:

- Algebra II.
- Students must ALSO pass the **Math Accuplacer** with a minimum score of **85 in Math** **OR** have a **Minimum ACT Math score of 23** **OR** **Minimum SAT Math score of 460** to enroll in MAT 121 College Algebra

College Credit: 4 Credit Hours

MHS Credit: 0.5 Credits

Grade Level: 11-12

Length: One Semester—Fall

This course explores topics including equations and inequalities, functions and their graphs, linear and non-linear systems, conic sections, introduction to sequences and series, permutations and combinations, and the binomial theorem. The class will make extensive use of the graphing calculator in applications. This course provides essential background for advanced mathematics and will prepare the student for further studies in calculus, linear algebra, and statistics.

MATHEMATICS (cont).

(FOUR YEARS REQUIRED)

MAT 122 COLLEGE TRIGONOMETRY (WEIGHTED COURSE)

Prerequisites:

- Algebra II.
- Students must ALSO pass the **Math Accuplacer** with a minimum score of **85 in Math** **OR** have a **Minimum ACT Math score of 23** **OR** **Minimum SAT Math score of 460** to enroll in MAT 122 College Trigonometry.

College Credit: 3 Credit Hours
Grade Level: 11-12

MHS Credit: 0.5 Credits
Length: One Semester-Spring

The trigonometric functions provide essential tools in mathematics, science and engineering. In this course, the student will learn the essential trig functions using right triangle geometry and unit circle analysis. Further study will include the inverse trig functions (finding angles), trig identities, and trig formulas such as the half-angle and double-angle formulas that can simplify other calculations enormously. The student will learn how to apply those functions to a variety of practical problems.

MAT 135 STATISTICS / STATISTICS (WEIGHTED COURSE) (Offered 2018-2019 and 2020-2021)

Prerequisite: MAT 121 and MAT 122.

College Credit: 3 Credit Hours
MHS Credit: 1 Credit
Length: One Year

Grade Level: 11-12

This course examines descriptive and inferential statistics. The concepts and theories presented in this course are explored through hands-on exercises in data analysis. Students will learn how to use statistics software available on calculators and in computer software packages. All of us encounter statistics daily, for example in election polls, weather forecasts, medicine, stock market analysis, scientific investigation, and many other endeavors. Thorough understanding of statistics is required for success in the natural and social sciences, business, engineering, and economics. The student who successfully completes this course will have a solid foundation for further studies in those fields. Statistics is offered alternately every other year with Calculus.

MAT 201 CALCULUS (WEIGHTED COURSE)

(Offered 2017-2018 and 2019-2020)

Prerequisite: MAT 121 and MAT 122

College Credit: 5 Credit Hours

MHS Credit: 1 Credit

Grade Level: 11-12

Length: One Year

This course introduces single variable calculus and analytic geometry. It includes limits, continuity, derivatives, and applications of derivatives as well as indefinite and definite integrals with applications. The course will provide the student with essential skills in developing graphical, numerical, analytical and verbal representations of mathematical concepts. It will help the student develop thinking tools required to build mathematical models of the world, and it seeks to instill an appreciation of the calculus as a significant and rewarding human endeavor. Calculus is offered alternately every other year with Statistics.

BUSINESS MATH

Prerequisite: None

MHS Credits: 1

Grade Level: 11-12

Length: One Year

This course will give students a general understanding of the everyday math concepts and knowledge necessary to perform daily mathematical tasks in relationship to an individual's expenses and income. Some of the concepts covered will be balancing a checkbook and writing checks, completing Federal Tax Forms, figuring the expense of owning a car, and figuring the expense of owning a home.

SCIENCE

(THREE YEARS REQUIRED)

INTEGRATED PHYSICAL SCIENCE

Prerequisite: None

MHS Credits: 1

Grade Level: 9-REQUIRED

Length: One Year

This course addresses two major topics. The first semester is an introductory course of Physics. The second semester introduces basic concepts in Chemistry. Topics include atoms, molecules bonding, writing and balancing chemical equations, acids and bases, introduction to astronomy, force, mass, friction, pendulums, simple machines, electricity, and waves. Attendance is vital, as 25 labs are conducted during the course of the year. The laboratory work counts approximately one-fourth of the grade. Many of the labs done in this class serve as background for Biology electives, Chemistry, Astronomy and Physics and will not be repeated in those classes.

INTEGRATED BIOLOGICAL SCIENCE

Prerequisite: None

MHS Credits: 1

Grade Level: 10-REQUIRED

Length: One Year

This is a two-semester survey course designed to introduce the student to core concepts and processes in the life sciences. The course includes topics in molecular and cellular biology, organismal biology, environmental biology and ecology, including weather and climate components. The course includes extensive application of the scientific method through field and laboratory studies, topics in molecular and cellular biology, organismal biology, environmental biology and ecology, and it completes the District and State standards in biology. The course includes extensive application of the scientific method through field and laboratory studies.

ASTRONOMY

Prerequisites:

Integrated Physical Science AND/OR Integrated Biological Science

MHS Credit: 0.5 Credit

Grade Level: 11-12

Length: One Semester (Fall)

This is a one-semester survey course to introduce the student to core concepts and processes in the universe. Instruction will emphasize inductive reasoning and the scientific method. The application of concepts through labs, activities, and projects is the primary determination for grades. Current journals, newspapers, and Internet access to scientific sites will supplement the text.

PHYSICAL GEOLOGY

Prerequisites:

Integrated Physical Science AND/OR Integrated Biological Science

MHS Credit: 0.5 Credit

Grade Level: 11-12

Length: One Semester (Spring)

This is a one semester course introducing geological forces that shape the earth. Colorado will be the beginning for introducing the processes that have shaped the face of the earth. The major topics are plate tectonics, hydrology, geology, and natural hazards, including humans' influences in these natural phenomena. The application of concepts through labs, activities, field excursions, and projects is the primary determination for grades. Current journals, newspapers, and Internet access to scientific sites will supplement the text.

LIFE SCIENCE ANIMALS 1a & 1b

Class is cross-listed under Agricultural Sciences.

Please see complete course description under Career & Technical Education Classes – Life Science Animals for more information.

Prerequisite: Into Ag. Science or BIOLOGY

MHS Credits: 1

Grade Level: 11-12

Length: One Year

LIFE SCIENCE PLANTS

Class is cross-listed under Agricultural Sciences.

Please see complete course description under Career & Technical Education Classes – Life Science Plants for more information.

Prerequisite: Into Ag. Science and/or BIOLOGY

MHS Credits: 0.5

Grade Level: 10-12

Length: One Semester

HORTICULTURE

Course is cross-listed under Agricultural Sciences.

Please see complete course description under Career & Technical Education Classes – Horticulture for more information.

Prerequisite: Into Ag. Science and/or BIOLOGY

MHS Credits: 0.5

Grade Level: 10-12

Length: One Semester

SCIENCE (cont).

(THREE YEARS REQUIRED)

AP PHYSICS **(WEIGHTED COURSE)** **(Offered 2017-2018 and 2019-2020)**

Prerequisite:

- Received a grade of “C” or better in Physical Science.
- Received a grade of “C” or better in Algebra II
- Concurrent Enrollment in MAT 121 / 122 OR previously completed MAT 121 / 122

College Credit: (Varies – based on AP Test Score)

MHS Credit: 1.0 credit

Grade Level: 11-12

Length: One Year

Physics enables the student to explore physical reality through reasoning, mathematics and experimentation. First semester examines kinematics, force, circular motion, energy, momentum, torque, rotational dynamics, simple harmonic motion, temperature, heat and thermodynamics. The concepts and theories are explored through demonstrations and hands-on experiments. The second-semester considers topics in waves, optics, electricity and magnetism, and modern physics. Physics serves as a foundation for all the sciences, and it is recommended for anyone intending to pursue further studies in the natural sciences, health sciences, and engineering. Physics is offered every other year; alternating with Anatomy / Physiology

BIO 106 BASIC ANATOMY AND PHYSIOLOGY **(WEIGHTED COURSE)** **(Offered 2018-2019 and 2020-2021)**

Prerequisites:

- Earned a grade of “C” or better in Biology
- Must pass the Accuplacer with a minimum score of 80 in Reading OR 95 on Sentence Skills OR 18 on English ACT OR 17 ON Reading ACT OR SAT English Score of 470+.

College Credit: 4

MHS Credit: 1 Credits

Grade Level: 11-12

Length: One Year

This course considers human anatomy (structure of cells, tissues and organ systems) and physiology (function of cells, tissues and organ systems) with particular reference to applications in the health sciences. The course begins with the study of cell structure and function and continues to include the study of tissues and organ systems. The course will include considerable laboratory experience, including dissection and investigations into human physiology.

CHE 101 INTRODUCTION TO CHEMISTRY **(WEIGHTED COURSE)**

Prerequisites:

- Earned a grade of “C” or better in Algebra II
- Received a grade of “C” or better in Physical Science.
- Taken and passed College Algebra / Trigonometry OR be concurrently enrolled in these courses.
- Must pass the English Accuplacer with a minimum score of 80 in Reading Comprehension OR 95 in Sentence Skills OR 18 on English ACT OR 17 on Reading ACT OR 470+ on SAT in English

College Credit: 5

MHS Credit: 1 Credit

Length: One Year

Grade Level: 11-12

All college bound students should take this course. Topics include gasses, liquids, solids, the mole, the atom, bonding, chemical reactions, balancing equations, reaction rates, equilibrium, acids and bases, and oxidation-reduction reactions. There is some lab work with extensive homework and problem solving. Algebra is used extensively. Successful completion of this class should help increase ACT / SAT scores, improve problem-solving skills, and enhance study skills. Students should expect 1/2 hour of homework per night. This course will satisfy the high school physical science graduation requirement. It will satisfy a lab-science, college-graduation requirement.

SOCIAL STUDIES

(THREE YEARS REQUIRED)

WORLD GEOGRAPHY

Prerequisite: None **MHS Credits:** 0.5
Grade Level: 9-REQUIRED **Length:** One Semester

The three areas emphasized include physical, cultural, and current events. Physical geography identifies regions with important physio-graphic features. Cultural geography teaches the history, religion, and culture of the countries. Students study current event topics pertaining to different areas. Students will apply study skills such as maps, charts, graphs, essays, critical thinking, and notebook organization.

WORLD HISTORY

Prerequisite: None **MHS Credits:** 0.5
Grade Level: 9-REQUIRED **Length:** One Semester

Students learn a portion of the essential background required to understand the diverse economic, political, religious, and social systems of the human race.

U. S. HISTORY

Prerequisite: World Geography/History **MHS Credits:** 1
Grade Level: 11-REQUIRED **Length:** One Year

This chronological study of U. S. History emphasizes the interpretation and analysis of history. Original documents and other sources supplement the text. Students are required to formulate personal answers and offer evidence in support for many controversial questions. U.S. History builds on previous knowledge learned in world history and geography.

AMERICAN GOVERNMENT

Prerequisite: U.S. History **MHS Credits:** 1
Grade Level: 12-REQUIRED **Length:** One Year

Students study the executive, legislative, and judicial branches of government at the local, state, and national levels. The course includes a textbook, vocabulary study, unit tests, speeches by students, guest speakers from various areas under study, and discussion groups. Current events and international relations are covered regularly throughout the year and a unit on political parties is covered. The U.S. Constitution and the Declaration of Independence are studied in detail. Students are expected to find causes and suggest solutions to problems.

AP MACROECONOMICS (WEIGHTED COURSE)

Prerequisite: Pass English Accuplacer **College Credits:** Varies
With 80 on Reading **OR** **MHS Credit:** 0.5 Credits
95 on Sentence Skills **OR** One Semester - Fall
Score 18 on ACT English
OR 17 on ACT Reading **OR**
Score 470+ on SAT English

Passed Algebra 2 with a "C" or
Better **OR** Concurrently Enrolled
In Algebra 2

Grade Level: 11-12 (10TH Grade w/ Teacher Permission ONLY)

The purpose of macroeconomics is to give students a thorough understanding of the principles of economics that apply to an economic system as a whole. The course places particular emphasis on the study of national income and price level determination, and also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics.

AP MICROECONOMICS (WEIGHTED COURSE)

Prerequisite: Pass English Accuplacer **College Credits:** Varies
With 80 on Reading **OR** **MHS Credit:** 0.5 Credits
95 on Sentence Skills **OR** One Semester - Spr.
Score 18 on ACT English
OR 17 on ACT Reading **OR**
Score 470+ on SAT English

Passed Algebra 2 with a "C" or
Better **OR** Concurrently Enrolled
In Algebra 2

Grade Level: 11-12 (10TH Grade w/ Teacher Permission ONLY)

The purpose of microeconomics is to give students a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the economic system. It places primary emphasis on the nature and functions of product markets and includes the study of factor markets and of the role of government in promoting greater efficiency and equity in the economy.

PHYSICAL EDUCATION

(ONE YEAR) (REQUIRED)

Participating in 3 Sports Seasons Waives this Requirement

PE I, II, III and IV

Prerequisite: None

MHS Credits: 0.5 per Semester

Grade Level: 9-12

Length: Semester or Year

This course is designed to give the student exposure to the rules and techniques of many different activities. Team sports, personal conditioning/weight training, individual sports, miscellaneous group activities, physical fitness, and nutrition will all be presented.

Emphasis will be placed on carry-over value for lifetime enjoyment as a participant and/or spectator.

Weight Training I, II, III, and IV

Prerequisite: None

MHS Credits: 0.5 per Semester

Grade Level: 9-12

Length: Semester or Year

This course helps students develop knowledge and skills with free weights and universal stations while emphasizing safety and proper body positioning; it may include other components such as anatomy and conditioning.

ATHLETIC / SPORTS SEASONS

Meeker High School offers the following athletic opportunities for students. These opportunities are governed and sanctioned by CHSAA. In order to meet the graduation requirement for Physical Education, a student must complete three of these seasons throughout their high school career. Athletic Activities may be combined with one another (Ex. One season of Football, One season of Basketball, One season of Track); or they may be three seasons of a single activity (Ex. Three seasons of Volleyball). Students do not receive Academic Credit OR Credits towards graduation by completing these sports seasons / rather the Physical Education graduation requirement is waived.

BASEBALL

Grading: NONE

MHS Credits: NONE

Grade Level: 9-12

Length: February - May

BASKETBALL - BOYS

Grading: NONE

MHS Credits: NONE

Grade Level: 9-12

Length: November - March

BASKETBALL - GIRLS

Grading: NONE

MHS Credits: NONE

Grade Level: 9-12

Length: November - March

CHEERLEADING – FALL SEASON

Grading: NONE

MHS Credits: NONE

Grade Level: 9-12

Length: August – November

CHEERLEADING – WINTER SEASON

Grading: NONE

MHS Credits: NONE

Grade Level: 9-12

Length: November - March

CROSS COUNTRY

Grading: NONE

MHS Credits: NONE

Grade Level: 9-12

Length: August – October

FOOTBALL

Grading: NONE

MHS Credits: NONE

Grade Level: 9-12

Length: August – November

GOLF (Affiliated with Rangely High School)

Grading: NONE

Credits: NONE

Grade Level: 9-12

Length: August – October

SOCCER (Affiliated with Rangely High School)

Grading: NONE

MHS Credits: NONE

Grade Level: 9-12

Length: February - May

SOFTBALL

Grading: NONE

MHS Credits: NONE

Grade Level: 9-12

Length: August – October

SWIMMING (Affiliated with Moffat County High School)

Grading: NONE

MHS Credits: NONE

Grade Level: 9-12

Length: November - March

TRACK

Grading: NONE

MHS Credits: NONE

Grade Level: 9-12

Length: February - May

VOLLEYBALL

Grading: NONE

MHS Credits: NONE

Grade Level: 9-12

Length: August – November

WRESTLING

Grading: NONE

MHS Credits: NONE

Grade Level: 9-12

Length: November - February

FOREIGN LANGUAGE

SPANISH:

All Spanish classes focus on developing oral communication, writing, and reading skills; understanding cultural awareness, value systems, and life styles; and require oral participation. The following activities will be incorporated at each level: written exercises, homework (about one and a half-hours per week), skits, dialogues, oral and written compositions, and cultural activities. All courses are college preparatory.

SPANISH I

Prerequisite: None

MHS Credits: 1

Grade Level: 9-12

Length: One Year

Students learn basic oral, writing, and reading skills and practice oral communication daily. Basic vocabulary and fundamental grammar is combined with everyday expressions and pronunciation. Cultural study will look at the geography, customs, and traditions of the Hispanic world.

SPANISH II

Prerequisite: Spanish I

MHS Credits: 1

Grade Level: 10-12

Length: One Year

Students review and expand upon basic Spanish as oral, written, and reading skills progress to intermediate grammar, vocabulary, and communication skills. Collaborative and group work enables students to practice all the skills toward improving communication level.

SPANISH III/IV

Prerequisite: Spanish II

MHS Credits: 1

Grade Level: 11-12

Length: One Year

This advanced, upper level class is for students who excelled in Spanish II and wish to continue their foreign language studies. Students will also expand outside the classroom to practice language with native speakers on a weekly basis.

CAREER & TECHNICAL EDUCATION (TWO YEARS REQUIRED)

SENIOR CAPSTONE SEMINAR

Prerequisite: Planning to Receive Post-Secondary Education

MHS Credits: 1

Grade Level: 12

Length: One Year

This course provides 12th grade students the opportunity to investigate areas of interest related to college and career exploration and planning. Students will develop and apply skills necessary to prepare for post-secondary education. These include: determining post-secondary educational goals, applying to colleges / technical training schools, understanding Financial Aid and FAFSA Application, developing a professional resume, writing cover and thank you letters, scholarship applications, college orientations, understanding student housing and financial aid packages. Students will also learn tips and tricks to being successful in college both academically and socio-emotionally.

AGRICULTURE EDUCATION

BASIC AGRICULTURE COURSE:

INTRODUCTION: AG. SCIENCES 1a & 1b

Prerequisite: None

MHS Credits: 1

Grade Level: 9-12

Length: One Year

Students will utilize this course to develop a concrete foundation in the following areas of agriculture: careers; computer applications; speech communication; small carpentry project construction; arc & oxyacetylene welding; organizational leadership; shop safety; livestock identification; introductory plant science; and introductory animal science. Students will demonstrate knowledge of course content through exams on course content, the completion of appropriate shop skills, and demonstrate excellence in FFA Chapter operations and SAE.

BUSINESS PATHWAY:

AGRIBUSINESS MGMT/ BUSINESS MGMT 1a & 1b

Prerequisite: Into Ag. Science OR Algebra I / Geometry

MHS Credits: 1

Grade Level: 10-12

Length: One Year

Students will develop their knowledge of business ethics, hone skills in financial record management, in addition to developing basic skills in agricultural economics and agricultural policies. Students will exit this course with the ability to demonstrate their knowledge of business ethics, formulate, evaluate and analyze financial records; use financial records to plan for future business decisions; demonstrate knowledge of the influence of the agricultural economy; and communicate knowledge of governmental policies. Students will also demonstrate excellence in FFA Chapter Operations and SAE

AG. COMMUNICATION & LEADERSHIP 1a & 1b

Prerequisite: Intro Ag. Science OR IRWI **MHS Credits:** 1

Grade Level: 10-12

Length: One Year

This course develops skills in communication and leadership. Students will exit this course with the ability to demonstrate their knowledge of effective communication, the different types of communication, various communication strategies, knowledge of agricultural issues and how to critically evaluate and discuss these issues. In addition, students will demonstrate knowledge of the various types of advertising, understand basic marketing principles, and gain insight into public relations career fields. Students will also demonstrate excellence in FFA Chapter Operations and SAE.

SCIENCE PATHWAY:

LIFE SCIENCE ANIMALS 1a & 1b

Prerequisite: Into Ag. Science OR Concurrent with Biology

MHS Credits: 1

Grade Level: 10-12

Length: One Year

Students will develop knowledge and skills pertaining to the selection, nutrition, reproduction, health and management of domestic animals with emphasis on cattle, sheep, swine, and horses. Students will acquire knowledge of animal taxonomy, cellular biology, DNA and DNA replication, protein synthesis, animal anatomy & physiology, animal nutrition & digestion, and an understanding of animal health & disease. Students will also study animal reproduction, genetics, heredity, and livestock mating systems. Students will also demonstrate excellence in FFA Chapter Operations and SAE.

LIFE SCIENCE PLANTS

Prerequisite: Into Ag. Science OR Concurrent with Biology

MHS Credits: 0.5

Grade Level: 10-12

Length: One Semester

Students will understand the plant kingdom, plant classification, dichotomous keys, environmental protection, ecology, ecosystems and biodiversity. Students will also learn and identify plant cells, cellular structure, photosynthesis, respiration, the carbon cycle, cell cycles and cellular reproduction. Plant organs, transpiration and translocation will also be addressed. Students will also learn about plant hormones; root, stem and leaf types; plant propagation, chromosomes and genetics. Students will demonstrate knowledge in plant growth, the water cycle, water quality and pollution, soil types, and soil fertility. Students will also demonstrate excellence in FFA Chapter Operations and SAE.

CAREER & TECHNICAL EDUCATION (TWO YEARS REQUIRED)

HORTICULTURE

Prerequisite: Into Ag. Science OR Concurrent with Biology

MHS Credits: 0.5

Grade Level: 10-12

Length: One Semester

This course focuses on the basic principles of horticulture and the horticulture industry. Students will identify and describe the horticulture industry, understand the anatomy of horticulture plants; understand and analyze the physiological processes of plants; demonstrate understanding of the horticulture plant environment; demonstrate understanding of greenhouse management through producing, marketing and distributing a horticulture crop. Students will showcase their knowledge through the successful growing and marketing of plants grown in the school greenhouse. Students will also demonstrate excellence in FFA Chapter Operations and SAE.

POWER/STRUCTURAL/TECHNICAL PATHWAY

AGRICULTURE POWER & STRUCTURAL TECHNOLOGY: SMALL ENGINES

Prerequisite: Into Ag. Science OR Mechanical Career Cluster

MHS Credits: 1

Grade Level: 10-12

Length: One Year

This course focuses on the principles of the mechanical industries and their potential career offerings. Students will gain skills in farm power. Students will learn how to estimate project material costs; complete basic layout and design; perform small engine assembly and disassembly; service and repair small gas engines; service and maintain vehicles; and troubleshoot engines. Students will also demonstrate excellence in FFA Chapter Operations and SAE.

AGRICULTURE POWER & STRUCTURAL TECHNOLOGY: WELDING

Prerequisite: Into Ag. Science OR Mechanical Career Cluster

MHS Credits: 1

Grade Level: 10-12

Length: One Year

This course focuses on the principles of the mechanical industries and their potential career offerings. Students will gain skills in welding. Students will learn how to estimate project material costs; complete basic layout and design; weld a variety of materials proficiently using SMAW, GMAW, and Oxy-Acetylene welding practices; and cut metal using a plasma cutter and acetylene torch. Students will also demonstrate excellence in FFA Chapter Operations and SAE.

ADVANCED AGRICULTURE COURSES: INTERNSHIP / SUPERVISED AGRICULTURE EXPERIENCE 1a & 1b

Prerequisite: Into Ag. Science & ONE Additional Ag. Course

MHS Credits: 0.5

Grade Level: 11-12

Length: One Semester

Advanced students in agricultural education will utilize this course to explore specific career opportunities via an 'out of class,' real life / work study situation. In this Internship / Supervised Agriculture Experience class, the major responsibilities of the student; the parent; the employer; and the instructor in regard to the student's job placement are identified. Emphasis will be placed on the training and career development of the student within their chosen program / pathway of study. At the conclusion of this course, students must complete, and turn in for review, and FFA Placement Record Book that documents their experiences in the course, what they learned, how many hours were worked, and how they could improve the experience. Students will also demonstrate excellence in FFA Chapter Operations and SAE.

CAREER & TECHNICAL EDUCATION

(TWO YEARS REQUIRED)

FAMILY AND CONSUMER SCIENCE

TEEN CHOICES

Prerequisite: None **MHS Credits:** 0.5
Grade Level: 9 - REQUIRED **Length:** One Semester

This course focuses on personal power and success, wellness, personal relationships, understanding human sexuality, and teens and the law. **This course meets the state requirement for Health.**

CATERING

Prerequisite: None **MHS Credits:** 1
Grade Level: 10-12 **Length:** One Year

The two-semester course designed for 10-12th grades. Purpose is designed for students with career interests in the food industry as well as owning their own catering business. The purpose is to develop skills in quantity food preparation, safety and sanitation, planning, customer service, business plans and entrepreneurship.

CHILD AND ADOLESCENT DEVELOPMENT

Prerequisite: None **MHS Credits:** 0.5
Grade Level: 10-12 **Length:** One Semester

The purpose of this course is to acquire knowledge and understanding of child and adolescent development necessary for strengthening the well-being of children and families. Content focuses on perspectives of human development, research and theories, understanding and nurturing development, and challenges to development.

CULINARY NUTRITION

Prerequisite: None **MHS Credits:** 0.5
Grade Level: 9-12 **Length:** One Semester

Purpose is to develop lifelong, healthy individuals with an understanding and academic knowledge of healthy and nutritious preparation techniques utilizing various resources and skills. Emphasis is placed on implementing healthy nutritional choices, preparing nutrient-dense seasonal foods, sports nutrition, exploring careers related to culinary nutrition, and practicing wise consumer decisions.

FASHION DESIGN AND MERCHANDISING

Prerequisite: None, Prefer Art I **MHS Credits:** 1
Grade Level: 10-12 **Length:** One Year

Two-semester course designed for 10-12th grades. Purpose of this course is to expose students to various aspects of the fashion design and merchandising industry. Students integrate knowledge, skills, and practices to evaluate potential career opportunities. Emphasis is placed on an introduction to fashion, fashion and textile selection, product construction and fashion merchandising.

INTERIOR DESIGN

Prerequisite: None, Prefer Art I **MHS Credits:** 1
Grade Level: 10-12 **Length:** One Year

The purpose of this course is to expose students to various aspects of interior design industry and is based on the industry's professional standards (Council of Interior Design Accreditation-CIDA). The first semester focuses on residential design and the second semester on commercial design. Students integrate knowledge, skills and practices to evaluate potential career opportunities. Areas of focus include: Introduction to Residential and Commercial Design; Design Drawings; Professional Practices/Education; Design Elements and Principles; and the Design Process.

LIFE MANAGEMENT

Prerequisite: None **MHS Credits:** 0.5
Grade Level: 10-12 **Length:** One Semester

The purpose of the course is to develop educated consumers with an understanding and academic knowledge of consumer resources and financial organizations. The course focuses on personal and family resources, job and career, personal and family finances, and wellness.

RELATIONSHIPS

Prerequisite: None **MHS Credits:** 0.5
Grade Level: 10-12 **Length:** One Semester

The purpose of the course is to acquire academic knowledge and understanding for healthy, respectful, and caring relationships across the life span. Emphasis is placed on family and friend dynamics, effective communications, and healthy interpersonal relationships.

CAREER & TECHNICAL EDUCATION (TWO YEARS REQUIRED)

INDUSTRIAL ARTS

INDUSTRIAL ARTS 1 (Wood Shop)

Prerequisite: None

MHS Credits: 1

Grade Level: 9-12

Length: One Year

Shop is a study of the basic principles in woodworking. The goal is to develop in each student a measure of skill in the use of common tools and machines and to develop in each student an understanding of the problems involved in common types of construction and repair. There will be required points and finishing projects. Students will be required to purchase their own materials.

INDUSTRIAL ARTS 2 (Wood Shop)

Prerequisite: Ind. Arts 1

MHS Credits: 1

Grade Level: 10-12

Length: One Year

This is an extension of Industrial Arts I, with emphasis on quality. Each student will construct furniture, cabinets, or other wood related projects. Students will be able to purchase materials from the instructor, or they may purchase materials on their own.

INDUSTRIAL ARTS 3 & 4 (Wood Shop)

Prerequisite: Ind. Arts 2

MHS Credits: 1

Grade Level: 11-12

Length: One Year

This class involves two areas of concentration:

- a. The students will design and construct advanced projects. Each student will be responsible for the cost of the project.
- b. The students in this class will at times be involved in various projects to be done throughout the school district. By doing these types of projects, students will gain some experience in the building trades.

MECHANICAL CAREER CLUSTER

Prerequisite: Ind. Arts I OR Intro to Ag. Sciences

MHS Credits: 1

Grade Level: 10-12

Length: One Year

The students will develop hands-on knowledge in various areas associated with general construction. They will learn how to design and layout projects, develop a bill of materials, read and interpret schematic drawings, develop basic electrical wiring skills (including wiring three-way switches), measure concrete, demonstrate various plumbing techniques, and frame windows and doors. This class also includes building various projects for the community.

CAREER & TECHNICAL EDUCATION

(TWO YEARS REQUIRED)

WORK EXPERIENCE

Students in grades 11 and 12 can have two periods/year (maximum) of either work study or student aide or advanced internship. They cannot exceed two periods per year.

WORLD OF WORK

Grading: Traditional (A-F)

MHS Credits: 0.5 per Semester

Grade Level: 11-12

Length: One Year

Student will be responsible for arranging opportunity and securing the approval of the World of Work Instructor. The objective of this "on the job" course is to provide the opportunity for students to explore areas of occupational interest in the Meeker community and to stimulate and develop skills in areas of occupational interest. Students will also complete assignments, timecards / time logs, and various other forms of assessment which will be graded by the instructor. Students provide their own means of transportation to and from school.

STUDENT AIDE

Grading: Pass/Fail

MHS Credits: 0.5 per Semester

Grade Level: 11-12

Length: Semester/Year

Student will be responsible for arranging opportunity and securing approval through the School-to-Career Coordinator. Office and teacher aide experience is available for students. Students should expect a pass/fail grade.