

INTRODUCTION

The purpose of this booklet is to help you select your senior high courses. Please study the material thoroughly and acquaint yourself with the requirements for graduation, the description of the courses offered, and any pre-requisites for those courses. How well prepared you are after four years of high school will depend on you. We have well-trained teachers and a well-equipped school; but these alone are not sufficient. Your primary responsibility to yourself and to society is to attend school and do the best you possibly can. **A GOOD EDUCATION WILL GIVE YOU THE FREEDOM TO CHOOSE YOUR OWN PATH IN LIFE!**

Graduation is an important goal for any student. Besides meeting the requirements of graduation, however, you should choose subjects that have a purpose and direction for you. Choose subjects that will enable you to do what you want to do. To some of you, high school will be the last opportunity to receive a formal education. To others of you, your high school education will serve as a basis for future educational opportunities. To all of you, make the best of what Tracy Area High School has to offer you.

This booklet contains descriptions of Tracy Area Senior High School course offerings. The principal, counselor, and faculty have prepared it with the following purpose in mind:

1. To give students information to aid them in choosing electives.
2. To help parents become familiar with senior high school subjects.
3. To acquaint parents with the subjects their son/daughter is taking.

No person shall on the basis of sex or race be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal Assistance.

The above statement means Tracy Area High School cannot deny its students access to courses because of the student's sex or race. Students are urged to select courses on the basis of their interest, values and abilities.

This booklet does not intend to answer all questions about each course. Your teachers and counselor are willing to answer further questions to help you with your decisions.

IMPORTANT HEALTH INFORMATION FOR REGISTRATION

Reminder for Tracy School Families:

Minnesota Law requires all students attending school must have a record on file in the school health office showing proof of vaccination against certain diseases, or file a written exemption with the local school before the first day of school in September. Students who transfer to a new district must present this health information when registering. Students who do not meet the immunization requirements are not allowed to stay enrolled in school.

For more information about needed vaccinations, or claiming an exemption, visit the Tracy Area Public Schools website at www.tracy.k12.mn.us or contact Shannon Wolske, School Nurse at 629-5500 (High School) or 629-5518 (Elementary School).

INFORMATION FOR REGISTRATION

Each year students register for the courses of study they wish to take in grades 9-12. Students should plan for all high school years now. If there are any changes in plans, we can discuss them next year at registration time and revise your previous registration accordingly to fit your ability, interest, and future plans.

Each of you must take certain subjects, which are required of all students. The required subjects must be completed with a passing grade in order for you to graduate from high school. The required subjects are 9th Grade English, History, Math, Physical Science, P. E. and Health I; 10th grade English, History, Math and Biology; 11th grade English, Geography, Math and Chemistry; and in 12th grade English and Social Studies (and Math or Science if requirement is not yet met).

Each year in senior high school you are asked to choose other subjects called “Electives”. Some subjects have a pre-requisite, which means the subject cannot be taken unless definite requirements have been satisfied. For example, you will not be able to take Algebra II unless you have passed Intermediate Algebra, a pre-requisite.

A credit is earned in a subject in grades 9-12 if you obtain a passing grade in that subject. One Credit courses are those requiring five class periods per week for the entire school year. Semester courses meeting five times a week are worth 1/2 credit. Each student must register for seven classes or subjects per year or per semester.

Students should remember their cumulative high school GPA begins in ninth grade. In order to have a good Grade Point Average as a senior, you need to have a good GPA in 9th grade to build on. Students in grades 9-12 may receive an Academic Letter or star if they earn a GPA of 3.67 or above for 4 consecutive quarters. See the student handbook for additional details.

Some classes might require a certain expenditure of your own money. (EX: Shop, FACS, Art)
If a student desires to take a subject and does not feel he/she can afford the cost involved, he/she should contact the Principal, Counselor, or Instructor in charge, and perhaps some arrangements can be made.

Mid-term Reports: Your grades are not only affected by the work you do in class, but also by attitude, conduct, and attendance. Mid-term grades will be available online for parents to view on their JMC Online Parent Access account. Semester grades will also be available online at the end of each grading period. Report cards will be handed out to students at the end of each quarter. Not all students are able to do A, B, or even C work. We expect our students to work to their ability. Few students will fail if this is done. Wise use of time, willingness to work, and seeking teacher help when in difficulty will do much to make your school work more enjoyable and profitable.

Plan carefully. On the basis of what you sign up to take next year, the Tracy Area High School program of courses is developed. It is very important elective subjects for next year be selected carefully as teachers are assigned accordingly. There is no assurance students “get” the courses they want if courses are changed in the fall. You make your reservation for certain subjects at registration time. Space in classes which you might want in the fall may not be available. So...to be sure of getting the subjects needed, make wise decisions now!!!! You should also select alternative courses to take if the electives you choose do not fit your schedule. We will make every effort to make your choices work but please realize you may not get all courses for which you register.

Kathy Vondracek, Principal
Sonja Gasca, Guidance Counselor

SCHEDULE CHANGES

The Master Schedule is designed to give students as wide a choice of offerings as possible. Each student has the opportunity to select electives. **IT IS EXPECTED WHEN YOUR REGISTRATION FORM IS SIGNED AND TURNED IN, YOU WILL TAKE THE SUBJECTS YOU HAVE SELECTED FOR THE NEXT YEAR.** Spend sufficient time on your selection now, thus avoiding unnecessary changes later. Reasons a change will be considered are:

1. Teacher request
2. Correct errors
3. Injury or illness (example – PE)
4. Parent request (after teacher/parent conference)
5. Balancing classes
6. Adjustment problems
7. Improper course placement in terms of the student’s abilities

To facilitate these changes the following procedure must be followed:

1. Student sees Guidance Office regarding change.
2. Students have the first two weeks of the school year and the first two weeks of second semester to change their schedule. After this date, students may not be allowed to switch their schedules out of quarter/semester classes. Exceptions may be made for students enrolling into TAHS at a date other than the beginning of the year.
3. Classes may be dropped without penalty during the first ten (10) school days of each semester providing the student maintains his/her minimum course load.

If there are unusual circumstances, the principal may be consulted.

COLLEGE PREPARATORY STUDENTS

Admission requirements to college vary. Therefore, it is important you plan early on possible careers or career clusters and become familiar with various college admission requirements. Whether you have possible careers in mind or not, it is advisable you select and sequence courses from the advanced tracks in various academic disciplines.

Typical courses recommended for college include: English-4 years, with emphasis on writing, speaking, grammar, listening, and reading, Social Studies-3 years, Science-3 years, Math-3 years (the University of MN now requires 4 years), Foreign Language-2 to 3 years of the same language, Arts-2 years including music, creative writing, drama art, and Computer Applications-1/2 year.

Acceptance into the college of your choice will most likely be based on the following criteria: (1) good academic record in a solid college prep program; (2) recommendations indicating support for academic and personal growth; (3) admissions test(s); (4) commitment to or involvement in some school, extracurricular, or community activity; (5) personal qualifications like energy, initiative, motivation, leadership, or creativity and (6) attendance.

College bound students should take the ACT (American College Test) as part of the junior testing program. The ACT test will be offered on site at TAHS. The Guidance Office will assist students in registration. The ACT test is preferred by most Minnesota Colleges and by most mid-western colleges, but it may be necessary to take the SAT if one plans to attend an Eastern College. Check in the college catalogs or online for specific individual admission requirements. Most Technical Colleges have no specific admission test requirements

EXTRA-CURRICULAR ACTIVITIES

1. **FCCLA (FAMILY, CAREER & COMMUNITY LEADERS OF AMERICA)** will include both boys and girls in junior and senior high who have or will be taking a Family and Consumer Science course. Chapter meetings are held 2 times a month during senior high lunch.
2. **FFA** is a national organization of high school students enrolled in Agricultural Education classes. FFA makes a positive difference in the lives of students by developing their potential for premier leadership, personal growth and career success through involvement in the many different FFA activities.
3. **TETON STAFF** is responsible for preparing the school annual for publication.
4. **SPEECH PROGRAM** encourages junior and senior high school students to take part in speech activities at Tracy Area High School. Too few realize the fun and benefits of participating in speech programs. Students interested in this area can take part in speech contests throughout the season.
5. **STUDENT COUNCIL** is composed of elected class officers of the 9th, 10th, 11th and 12th grades. The purpose of this organization is to develop attitudes of practice in good citizenship; promote harmonious relations throughout the student body; improve school morale; provide services as needed to the school; provide a forum for student expression; provide orderly direction of school activities, charter groups, and other organizations and promote the general welfare of the school.
6. **PEER HELPERS.** This group's primary goal is to make our high school a safe, nurturing environment in which to learn. They sponsor several lyceums, speakers, programs and activities designed to help students deal with various issues such as stress, drugs, alcohol, sex, peer pressure, tobacco use, discrimination, safe driving, eating disorders, etc. Students are nominated by teachers and paras and are required to fill out an application in 9th grade and are trained before they begin grade 10.
7. **BIG BUDDIES.** The goal of the Big Buddy program is to engage elementary students in a variety of fun activities with a senior high student. We feel the Big Buddy/Little Buddy program has and will continue to help students increase their development of social skills and self-esteem while encouraging a positive attitude and constructive relationships with peers. The Big Buddies go over to the elementary school once a month where they eat lunch with their Little Buddy and they spend recess with them as well.
8. **KNOWLEDGE BOWL** features teams of 4 students who compete against neighboring schools in weekly contests featuring questions on a wide range of topics. It is open to students in grades 7-12.
9. **NATIONAL HONOR SOCIETY (NHS)** members are chosen based on outstanding scholarship, character, leadership and service. Activities and projects selected by this organization fulfill a need within the school or community.
10. **THEATRE ARTS PROGRAM:** TAHS offers two school plays during the school year. There is a Fall Play and a One Act Play. Any students, grade 7-12, may audition. The One Act Play goes to competition, usually at the end of January. We try to cast as many students as are interested, but are a little limited by the roles each script requires. There is always need for more students to work backstage: costumes, make-up, set design or construction, props. We would also like to always have a stage manager to be the director's "right hand". To get involved, watch for announcements of the auditions to try out for a part as well as sign up to work backstage.
11. **ENGINEERING CLUB:** As part of the Engineering Club, participants will work on a variety of engineering activities in order to gain an understanding of how to use a set of materials to accomplish a given task. Participants may be required to attend and assist at various engineering competitions.
12. **SCIENCE CLUB:** As a member of this club you will further explore Science. We will conduct experiments and raise money to be able to take our end of the year fieldtrip. Science Club is open to all students in grades 10-12. Everyone with an interest in Science is invited. You are required to attend all meetings and participate in all fundraisers. You will need to accumulate points in order to attend our field trips.

CO-CURRICULAR ACTIVITIES (REQUIRING CLASS TIME DURING THE SCHOOL DAY)

The following activities are scheduled into the regular school day. Thus, a student desiring to participate in the activities listed below should plan an hour during the course of the day.

1. **CHOIR** Choir is comprised of a group of boys and girls in senior high. See Choir 9-12, page 20.

2. BAND Band rehearsal for senior high is held five days a week. Rehearsal attendance, treated as any academic class, will be required of all members. Student placement in sections is determined by auditions with the band director. Private lessons and sectional rehearsals are scheduled in addition to the class hour to emphasize solo and ensemble work. See Band 9-12, page 19.

CREDITS NEEDED TO GRADUATE

Credits begin to accumulate in Grade 9.

Students graduating in 2010 and beyond need a total of at least 27 credits to graduate.

<u>GRADE 9</u>		<u>GRADE 10</u>	
English 9	1 credit	English 10 or	1 credit
U.S. History 9	1 credit	English Credit Options (Lit & Film,	
Intermediate Algebra	1 credit	Mythology, The Epic, Poetry,	
Creative Physical Science 9	1 credit	Writing, Shakespeare, Theatre,	
Am. Lit.)			
Physical Education 9	.5 credit	World History I & II or	1 credit
Health 9	.5 credit	AP European History	
Must take 2 credits of the following electives:		Geometry	1 credit
Band	1 credit	Biology	1 credit
Choir	1 credit	Must also take 3 credits of electives	
that are			
*Following can possibly be mixed/matched		offered for sophomores. See	
Registration		handbook. (1 study hall allowed)	
Ag 9/Math Tech 9	.5 cr each semester		
FACS 9/Art 9	.5 cr each semester		
(1 study hall allowed)			
<u>GRADE 11</u>		<u>GRADE 12</u>	
English 11 or	.5 Credit	English 12 (.5 cr) and/or	
1 credit total		CN Eng. 151: Acad. Writing	
English Credit Options		CN Lit. 120 or	
(Am Lit, Lit & Film, Mythology, The Epic, Poetry)		English Credit Options (.5crEa.):	
Shakespeare, Theatre, Creative Writing)		(Am Lit., Lit & Film,	
Creative Wrtg,		Epic, Poetry, Shakespeare,	
Public Speaking or	.5 credit		
Mythology,		American Government &	1 credit
CN Speech		Economics or	
Theatre,		CN Political Sci 120	
U.S. & World Geography or	1 credit	Math (if desired or if requirements are	
AP Human Geography		Science (if desired or requirements are	
Algebra II or Upper Math	1 credit		
Or Algebra II Concepts			
not met)			
Chemistry	1 credit		
not met)			

Must also take 3 credits of electives for total
for total
Of 7 credits (1 study hall allowed)

Must also take 5 credits of electives
of 7 credits (1 study hall allowed)

Tracy Area High School Graduation Requirements

English	4 credits	(Grades 9, 10, 11, 12)
Social Science	4 credits	(Grades 9, 10, 11, 12)
Math	3 credits	(Inter. Algebra, Geometry, Algebra II)
Science	3 credits	(Physical Science 9, Biology, Chemistry)
Phys Ed/Health 9	1 credit	(.5 credit each)
<u>Fine Arts</u>	<u>1 credit</u>	(Music, Art, Theatre)
Subtotal	16 credits	
<u>Plus</u>	<u>11 credits</u>	electives
Equals	27 total credits	needed for graduation

Things to keep in mind:

1. Check to be sure a class is offered for a particular grade. Some can't be taken until you are a junior. See the registration handbook.
2. Some classes are only offered every other year. College Now Biology will be offered during the 19-20, 21-22, 22-23 school years. Human Anatomy and Physiology will be offered during the 18-19, 20-21 and 22-23 school years. Some Business classes are on a rotation as well. Accounting: 19-20, 21-22 and 23-24; Accounting II/III: Independent Study with teacher permission; Advertising: 18-19, 20-21; AP Computer Science: 18-19, 20-21 and 22-23; Business Law: 19-20, 22-23; Computers for College: 19-20, 21-22, 23-24; Intro to Business: 20-21, 23-24; IT Exploration: 19-20, 21-22, 23-24; Personal Money Mgmt: 18-19, 21-22. Human Relations: 19-20, 21-22, 23-24; Interior Design/Sewing: 18-19, 20-21, 22-23.
3. Some electives you may repeat and some you may not. **All repeats will be with teacher approval.** May **NOT** repeat FACS, Art, Communications, Theatre, Piano, Horticulture, Auto Basics, Ag Moodle classes (require permission to take 1st time), Intro to Ag (9th grade). Can possibly repeat, **at the teacher's discretion:** Guitar, Journalism, Cabinetmaking, Metals.
4. English teachers will decide, according to test scores, who is eligible to take the English Options courses and who must take English 10 (based on 9th grade NWEA scores), 11 (based on 10th grade MCA's), 12 (based on 10th grade MCA's).
5. In order to take College Now or AP classes a senior must have at least a 3.0 cum GPA and be in the top half of the class. A junior must have at least a 3.0 cum GPA and be in the top third of the class.
6. Geometry Concepts and Algebra II Concepts can be taken by Math Department permission only.
7. If students are wondering which College Now Math class would be appropriate, see Mrs. Larsen, Mrs. Gasca, or call your college choice admissions office and ask which would be more beneficial for your major.
8. If you are seriously interested in a senior Spanish III trip you must take Spanish I as a sophomore.

TAPS Junior High Course Requirements: (highlighted classes are required)

GRADE 7

English 7	Full Year
Year	
U.S. Studies 7	Full Year
Year	
Math 7	Full Year
Year	
Life Science 7	Full Year
Year	
PE/Health 7	FY(EOD)
Year	
Quad #1	
(EOD)	

Accel Reader	Quarter
ALEK Math	Quarter
Computer 7	Semester
Quad #2	
Art 7	Quarter
Music 7	Quarter
(EOD)	
FACS 7	Quarter
Assignment:	
Ag Shop 7	Quarter
Language)	
Band/Choir 7/8	FY (EOD)
Options by Permission or assignment:	
ESL (English as a Second Language)	
Special Education	
Reading Counts	

GRADE 8

English 8	Full
Global Studies 8	Full
Algebra I	Full
Earth Science 8	Full
Computer 8	Full
PE/Health 8	FY

Quad Classes	
Accel Reader	Quarter
ALEK Math	Quarter
Ag Explor 8	Quarter
Ag Tech 8	Quarter
Band/Choir 7/8	FY

Options by Permission or
 ESL (English as 2nd
 Special Education
 Reading Counts

- *Junior High Students are required to be enrolled in a minimum of seven classes each semester.
- *Grade 7 students in Band & Choir may opt out of Quad #2 classes if they want to have a study hall.
- *Grade 8 students in Band & Choir may opt out of Quad classes if they want to have a study hall.
- *Classes must be passed in order to proceed to the next grade level.

REQUIRED AND ELECTIVE COURSES OFFERED AT TRACY AREA SCHOOL

REQUIRED ENGLISH CREDIT OPTIONS

ENGLISH 9

REQUIRED
 GRADE 9

FULL YEAR
 1 CREDIT
 COURSE #1

English 9 is a course that works to build students' skills in the areas of grammar, writing, reading, literature, spelling and vocabulary. The skills learned in this class will build on student's current knowledge of the English language and will push students to become more diverse writers who use a variety of sentence, paragraph and essay structure. Pieces of literature covered are Anthem, Of Mice and Men, and Romeo and Juliet. Students write several five-paragraph essays, learn proper sentence structure, use the Image Grammar program to develop descriptive writing skills, and continue Accelerated Reader.

CRITERIA

In order for 10th grade students to participate in the English Credit Options program, they must exceed on 9th grade NWEA winter and spring Reading and Language Arts tests.

Juniors must pass the 10th grade MCA Reading test (score of 1050 or better) to qualify. Those that do will be allowed to take an English Credit Option class 1st semester and then a choice of Public Speaking or College Now Speech for 2nd semester. If they do not pass the Reading test, they must take English 11 first semester and Public Speaking 2nd semester.

Seniors may all choose an English Credit Option class for semester 1. Those that have still not passed the 10th grade MCA Reading test will be required to take English 12 second semester. The rest will be required to take another Credit Option class.

ENGLISH 10

REQUIRED
GRADE 10
FULL YEAR
1 CREDIT
COURSE #2

English 10 is a course that works to build students’ skills in the areas of reading, literature, grammar, writing, speaking, spelling, and vocabulary. The skills learned in this class will build on students’ current knowledge of the English language and will push students to a deeper understanding of the genres of literature. Students will read the novel To Kill A Mockingbird, short stories, Shakespeare’s Julius Caesar, Antigone, poetry and nonfiction. Students will be introduced to MLA documentation in research papers, and the class will prepare students for the MCA II reading test.

ENGLISH 11

REQUIRED FOR THOSE WHO DO NOT PASS THE MCA TEST IN 10TH GRADE
GRADE 11
SEMESTER 1
.5 CREDIT
COURSE #3

English 11 will be a survey course covering all areas of English: reading, literature, writing, grammar, and vocabulary. The class will build on current English skills and will push students to improve their skills in all areas.

ENGLISH 12

REQUIRED: BY TEACHER PERMISSION
GRADE 12
SEMESTER 2
.5 CREDIT
COURSE #5

English 12 will focus on preparing students to read and write in the real world. Students will prepare resumes, cover letters, thank you letters, and job applications. Students will participate in mock interviews and research careers. The course will also cover some literature and technical writing.

PUBLIC SPEAKING

REQUIRED
GRADE 11
SEMESTER 2
.5 CREDIT
COURSE #4
ALL JUNIORS ARE REQUIRED TO TAKE ONE SEMESTER OF SPEECH (PUBLIC SPEAKING OR COLLEGE NOW SPEECH)

Students are introduced to public speaking as an important component of their academic, work and social lives. They study public speaking occasions and develop skills as fair and critical listeners of spoken information and persuasion. Students study types of speeches (informative, persuasive, dramatic, and special occasion), read and listen to models of speeches, and prepare and present their own speeches to diverse audiences. Students learn to choose speaking topics and adapt them for specific audiences, to research and support their ideas, and to benefit from listener feedback. They study how to incorporate well-designed visual and multimedia aids in presentations and how to maintain a credible presence in the digital world. Students also learn about the ethics of public speaking and about techniques for managing communication anxiety.

AMERICAN LITERATURE

REQUIRED ENGLISH CREDIT OPTION
GRADES 10, 11, 12

SEMESTER 1
.5 CREDIT
COURSE #9

Students will encounter a variety of texts and authors considered central to the notions of the history, national identity, art and culture of the United States.

LITERATURE & FILM

REQUIRED ENGLISH CREDIT OPTION
GRADES 10, 11, 12

SEMESTER 1
.5 CREDIT
COURSE #10

In teaching both literary and filmmaking techniques, this course will use a variety of carefully chosen film as a medium for understanding the relationship between film and literature. Students will study the language of film and will focus on artistic techniques, such as the use of lighting, camera angles, music and sound, and editing, in order to better evaluate a film's success. Students will submit film reviews based on some of the techniques and devices studied and interpreted. All Language Arts academic standards will be met in this course with a heavy emphasis on persuasive writing.

POETRY

REQUIRED ENGLISH CREDIT OPTION
GRADES 10, 11, 12

SEMESTER
.5 CREDIT

Students will write and read widely, discovering and exploring various aspects of poetic craft, including imagery, metaphor, line, stanza, music, rhythm, diction and tone. Students will also examine a number of poetic traditions, including the sonnet, the villanelle, the haiku, free verse, the ballad, etc. Students will share their poetry through poetry slams and publication.

CREATIVE WRITING

REQUIRED ENGLISH CREDIT OPTION
GRADES 10, 11, 12

SEMESTER I/II
.5 CREDIT
COURSE #12

Students create original essays, poems, and short stories in this course. They read professionally written forms of creative writing as models and then integrate their impressions of these works with their personal life experiences as they compose their own writing projects. Students are encouraged to write about topics they find engaging as they practice writing on the following themes: narration, definition, process analysis, cause and effect, and comparison/contrast.

THE EPIC

REQUIRED ENGLISH CREDIT OPTION
GRADES 10, 11, 12

SEMESTER 2
.5 CREDIT
COURSE #13

An epic is a long poem, typically one derived from ancient oral tradition, narrating the deeds and adventures of heroic or legendary figures or the history of a nation. The class will cover *Beowulf*, *The Odyssey*, and *Gilgamesh* and will end with a term paper discussing the elements of the epic as exemplified by the works read in class.

MYTHOLOGY

REQUIRED ENGLISH CREDIT OPTION
GRADES 10, 11, 12

SEMESTER 1
.5 CREDIT
COURSE #14

This course will examine mythology on a global scale. It will begin with classical mythology of Greece and Rome and then branch out to examine the myths of Native Americans, Norse, Egyptians, Babylonians, Celts, Africans, Persians, Aztecs and more.

SHAKESPEARE

REQUIRED ENGLISH CREDIT OPTION
GRADES 10, 11, 12

SEMESTER 1
.5 CREDIT
COURSE #15

This course is designed to introduce students to the greatest playwright of all time, William Shakespeare. The course will use both film and student performance, in addition to close reading and discussion, to help reveal Shakespeare's stories, characters, and universal themes as particularly meaningful to today's times. The course will cover some of Shakespeare's most famous tragedies and comedies, including, but not limited to: Macbeth, A Midsummer Night's Dream, Hamlet and The Taming of the Shrew. Students will formally and informally present their knowledge and ideas through various writings and presentations. There is no requirement that students be experienced and confident readers of Shakespeare, but, rather, should demonstrate the willingness to patiently and earnestly explore the sometimes challenging—but often enlightening—language of English's most renowned writer.

INTRODUCTION TO THEATRE ARTS

REQUIRED ENGLISH CREDIT OPTION
GRADES 10, 11, 12

SEMESTER 1
.5 CREDIT
COURSE #23

Introduction to Theatre Arts introduces and explores theater from the page to the stage. This course will explore topics such as the history of drama, the dramatic structure, and the crafts of theater artists such as directors, designers, playwrights, and actors. Students will be expected to participate in class productions, exercises, and other various activities. Students will also be expected to research different theater related topics and compose various written assignments. As this will be a highly participatory and hands-on class, good attendance is highly recommended.

GROUP DYNAMICS

ELECTIVE: DOES NOT FULFILL ENGLISH REQUIREMENT
GRADES 10, 11, 12

SEMESTER 1/2
.5 CREDIT
COURSE #22

Group Dynamics and Team Learning provides an understanding of group dynamics inherent in small group interaction. Using unstructured learning environments students will engage in intense group interactions to learn from one another and have FUN. You will get plenty of opportunities to reflect upon your learning and communication styles and the impact they may have on others. The course will also explore various aspects of group dynamics such as Appreciative Intelligence, power, perception, motivation, leadership, and decision-making. As in a laboratory, you will experiment with and experience the relevance of several concepts related to group dynamics. The goal is to acquire a better judgment, understanding and competence to be better facilitators of your own and others' learning in a variety of group situations.

JOURNALISM

ELECTIVE: DOES NOT FULFILL ENGLISH REQUIREMENT
GRADES 10, 11,12

SEMESTER
1 CREDIT
COURSE #21

Journalism will focus on the study of newspaper format, article writing techniques and format of publication. Students will complete a photography project, teenage issue research project and chapters within the textbook. Class will publish a monthly edition of a newspaper.

ENGLISH 7

REQUIRED
GRADE 7

FULL YEAR
COURSE #7

Writing, spelling, and vocabulary are stressed throughout the year. Approximately half the course is spent on grammar and usage while the other half is spent on literature, including short stories, novels, dramas and poetry. Textbooks and auxiliary materials are used. Grading is based on testing and teacher evaluation.

ACCELERATED READING 7 (QUAD)

REQUIRED
GRADE 7

QUARTER
COURSE #47

Course will include a variety of activities that center around the student and his/her individual reading level. Students will read various forms of literature and work at their own pace to complete assessment activities that evaluate the students' comprehension of the reading. Class time will be divided with discussion, lecture, group work and reading time. Critical thinking skills will increase and a higher understanding and appreciation of literature will occur.

ENGLISH 8

REQUIRED
GRADE 8

FULL YEAR
COURSE #8

Writing, spelling, and vocabulary are stressed throughout the year. Approximately half the course is spent on grammar and usage while the other half is spent on literature, including short stories, novels, dramas, and poetry. Textbooks and auxiliary materials are used. Grading is based on testing and teacher evaluation.

ACCELERATED READING 8 (QUAD)

REQUIRED
GRADE 8

QUARTER
COURSE #48

This course will include a variety of activities that center around the student and his/her individual reading level. Students will read various forms of literature and work at their own pace to complete assessment activities that evaluate the students' comprehension of the reading. Class time will be divided with discussion, lecture, group work and reading time. Critical thinking skills will increase, and a higher understanding and appreciation of literature will occur.

ENGLISH AS A SECOND LANGUAGE

ESL ENGLISH

ESL English 7
ESL English 8

FULL YEAR
Course #31
Course #32

These courses expand students' essential English communication skills and cultural knowledge and introduces the language of classroom studies. Students will develop oral classroom skills and reading strategies, expand their vocabulary, and use more complex sentence patterns. Students will also learn how to use some school and community resources.

ESL ENGLISH 9

Grade 9

FULL YEAR
Course #33

This course is designed to improve students' accuracy in using English in classroom situations, for personal and career planning, and to understand the changing world around them. Students will study and interpret a range of texts and produce a variety of forms of writing. Activities will also help students to develop their oral presentation skills and acquire study skills (including note-taking and summarizing skills) that will enhance their ability to learn in all subjects.

ESL ENGLISH 10

Grade 10

FULL YEAR
Course #34

This course prepares students to use English with increasing accuracy in most classroom and social situations and participate in society as informed citizens. Students will develop the reading, writing, and oral presentation skills required for success in all subjects. Students will study and interpret a variety of grade-level texts, develop oral communication skills through participation in informal speeches and debates, and extend their range of research skills.

ESL ENGLISH

ESL English 11
ESL English 12

FULL YEAR
Course #35
Course #36

These courses prepare students for secondary school English and content levels. Students will be encouraged to develop independence in reading literary works and academic texts, in writing essays and narratives, and in applying learning strategies and research skill effectively. Students will also learn to respond critically to print and media works.

SOCIAL STUDIES AND HISTORY

U.S. HISTORY 9

REQUIRED
GRADE 9

FULL YEAR
1 CREDIT
COURSE #60

U. S. History is a class designed to comprehensively examine American History from the pre-colonial period through present day. Emphasis will be put on relating past historical facts with present day occurrences. Students will analyze a variety of historical events including rivalries among European nations, the American Revolution, American expansion impacted by technology, WWI and WWII, and the Cold War. Consideration will also be given to how the histories of other nations and people have affected the growth and development of the United States.

WORLD HISTORY I

REQUIRED
GRADE 10

SEMESTER
.5 CREDIT
COURSE #61

World History I will begin circa 3000 B.C.E. Students will examine the beginnings of civilizations across five continents. The establishment of major religious movements will be investigated. Advancing toward and through the Middle Ages will focus on how the movements from around the world mirrored one another, while maintaining cultural differences. The semester course ends in the 17th Century after the European Renaissance.

WORLD HISTORY II

REQUIRED
GRADE 10

SEMESTER
.5 CREDIT
COURSE #62

World History II is a continuation of World History I. The curriculum begins in the mid-18th Century at the time of the Industrial Revolution, and examines the major social, political and economic movements that have shaped the last three centuries of human history around the globe. Instruction will not focus on what happened during this time frame, but will instead examine why these things happened and how they have affected life today

U.S. GEOGRAPHY

REQUIRED
GRADE 11

SEMESTER
.5 CREDIT
COURSE #63

Students will begin this semester by studying about the history and geography of Minnesota. There will be a special effort made to have each student learn of the history and geography of Southwestern Minnesota. Each student will be required to construct a large map of southwestern Minnesota to help them better understand where they live and work. Students will then study the history and geography of the United States by regions, focusing on the geography and economic activities to be found in each of these regions today.

WORLD GEOGRAPHY

REQUIRED
GRADE 11

SEMESTER
.5 CREDIT
COURSE #64

World Geography is a class designed to allow students to gain a working knowledge of our physical environment and its impact on our history and life styles, thus allowing us to better understand the nature of

the world and the events that take place in it. By the end of the year students will be able to demonstrate a basic knowledge of location, landforms, and cultural regions. Students will also develop skills in the use of maps, globes, and other tools to acquire and process geographic information and relate how geography has affected the economic, social and cultural development of areas around the world.

AMERICAN GOVERNMENT

REQUIRED
GRADE 12

SEMESTER
.5 CREDIT
COURSE #65

American Government covers the three branches of the government, the U.S. Constitution, political parties, current political issues, and the civic responsibilities of American citizens. Students are encouraged to develop their own political ideology and apply this to class discussion. The semester will include one debate researched and presented on a modern political or social issue facing America today.

ECONOMICS

REQUIRED
GRADE 12

SEMESTER
.5 CREDIT
COURSE #66

Economics will begin with a basic introduction to the concepts of scarcity and supply & demand. Students will explore career choices and salaries compared to their personal desires and form a personal budget to achieve future goals. Markets will be examined and the class will be involved in fictitious investments to learn about the risks and rewards of stocks and bonds. There will also be discussion about current economic issues facing the American Government along with one debate on major economic issues.

UNITED STATES STUDIES 7

REQUIRED
GRADE 7

FULL YEAR
COURSE #67

United States Studies for grade 7 is a year-long survey class designed to examine American History from 1800 to the current era. Emphasis is placed on citizenship and government and will be further enhanced with economic and geographic content that round out the study of United States history. Students will learn about people, issues, and events of significance to this nation's history including events and their lasting impact on the American people, economy and government structure. Students will create and use detailed maps of places in the United States and conduct historical inquiry on a variety of topics in our nation's history.

GLOBAL STUDIES 8

REQUIRED
GRADE 8

FULL YEAR
COURSE #68

Global Studies for grade 8 will focus primarily on geography, while also having a strong emphasis on contemporary world history. Global Studies will also involve economics, citizenship, and government, to enhance the study of world regional geography.

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MATHEMATICS INTERMEDIATE ALGEBRA

REQUIRED
GRADE 9
PRE-REQUISITE: ALGEBRA I

FULL YEAR
1 CREDIT
COURSE #89

This course is designed to prepare students for courses such as Algebra II, Geometry, and Chemistry. Intermediate Algebra improves your basic skills and develops your ability to think through different types of problems. This course is very important if you are going to continue on in math or science. Sophomores, Juniors, or Seniors who have not had Intermediate Algebra should consider this course as fulfilling your math requirement for entering some vocational institutes. **Students MUST take Intermediate Algebra OR Intermediate Algebra Concepts.** (If Intermediate Algebra is taken in 8th grade it counts for high school credit AND in the student's high school cumulative Grade Point Average.)

GEOMETRY

REQUIRED
GRADES 10, 11, 12
PRE-REQUISITE: ALGEBRA I & INTERMEDIATE ALGEBRA
CALCULATOR: Any scientific calculator (sin, cos, tan)

FULL YEAR
1 CREDIT
COURSE #90

Geometry is a course to teach you to think and reason in a step by step process supported by specific reasons. The curriculum used has a balance of theory and application. An introduction to formal proof begins in the first chapter and is followed by lessons on deductive and inductive reasoning in subsequent chapters. Concepts of space geometry are integrated with plane geometry throughout the course. Algebraic skills are reviewed and strengthened through application to solving problems in geometry.

GEOMETRY CONCEPTS

REQUIRED
GRADES 10, 11
PRE-REQUISITE: ALG I, INTERMEDIATE ALGEBRA
PLACEMENT BASED ON TEACHER REFERRAL

FULL YEAR
2 CREDIT
COURSE #96

This course is designed to teach students the basics of Geometry. The same material will be covered as the regular class. Assignments may or will be adjusted at the teacher's recommendation. Homework will be assigned daily for completion outside of class.

ALGEBRA II

REQUIRED
GRADES 10, 11, 12
PRE-REQUISITE: ALGEBRA I, INTERMEDIATE ALGEBRA & GEOMETRY
CALCULATOR: Any scientific calculator (sin, cos, tan) or TI-83/TI-84 Graphing Calculator

FULL YEAR
1 CREDIT
COURSE #91

This course is designed for a wide range of students taking second-year algebra. It includes a review of skills from first-year algebra and all the essential topics for a second-year course. The emphasis is on teaching equation solving and its application to the solution of word problem solving. Mathematical concepts are carefully developed and presented in a direct manner through the use of displays, diagrams, examples, and short, readable descriptions. Problem solving is a skill that will prove useful to you no matter what you do after high school. Students should consider this course if they are planning on attending any post-secondary institution.

ALGEBRA II CONCEPTS

REQUIRED
GRADES 11, 12
PRE-REQUISITE: ALG I, ALG I CONCEPTS, GEOM, GEOM CONCEPTS
PLACEMENT BASED ON TEACHER REFERRAL

FULL YEAR
2 CREDIT
COURSE #92

This course is designed to teach students the basics of Algebra II. The same material will be covered as the regular class. Assignments may or will be adjusted at the teacher's recommendation. Homework will be assigned daily for completion outside of class.

BUSINESS MATH

ELECTIVE
GRADES 11, 12
PRE-REQUISITE: ALGEBRA I

FULL YEAR
1 CREDIT
COURSE #93

The first semester of this course will deal with money records, gross and average pay, regular and overtime pay, net pay, fringe benefits, commission, metric measure, budgeting and buying, borrowing money and saving money. The second semester will include the topics of investing money, home and transportation expenses, taxes, insurance, finding and distributing business income and loss, purchasing for a business, selling for a business, manufacturing and office costs, and business statistics and graph.

INTRO TO STATISTICS

ELECTIVE

GRADE: 12

PRE-REQUISITE: INTERMEDIATE ALGEBRA AND ALGEBRA II

SEMESTER

1 CREDIT

COURSE #103

A graphing calculator from the TI-83 or TI-84 family is highly recommended. Introduces descriptive and inferential statistics. Topics include organization of data, measures of central tendency, measures of dispersion, frequency distributions, probability and probability distributions, population and sampling distribution including the Central Limit Theorem, testing of hypotheses, analysis of variance, and some correlation analysis.

MATH 7

REQUIRED

GRADE 7

PRE-REQUISITE: PASSING GRADE IN MATH 6

FULL YEAR

COURSE #87

Grade seven math will begin by learning about expressions using the four basic operations. This will include decimals and fractions. Then units on graphing and statistics, geometry and measurement, integers and rational numbers, ratios and proportions, and area and volume will be covered. Math 7 will help build and strengthen basic math skills, which will enable students to become successful problem solvers.

ACCELERATED MATH SKILLS 7 (QUAD)

REQUIRED

GRADE 7

Students will work with both traditional and computer based resources to improve their basic math skills, especially topics such as fractions, data analysis, measurement, and word problems. Individualized work will ensure both beginners and advanced students will be challenged.

QUARTER

COURSE #107

ALGEBRA I

REQUIRED

GRADE 8

This course is a preparatory course to Intermediate Algebra and begins by learning about the foundations of Algebra. Students will learn how to simplify, solve and graph equations and inequalities, functions, linear functions, problem solving strategies, and real

FULL YEAR

COURSE #88

ACCELERATED MATH SKILLS 8 (QUAD)

REQUIRED

GRADE 8

Students will work with both traditional and computer based resources to improve their basic math skills. Individualized work will ensure both beginners and advanced students will be challenged.

QUARTER

COURSE #108

SCIENCES

PHYSICAL SCIENCE 9

REQUIRED

GRADE 9

Physical Science is the study of matter and energy. As you study Physical Science you will observe how things and ideas are organized into systems. Through discussions, lab observations, and study, the core items like force, motion, heat, light, and atoms are seen to interact. Your observations should lead you to ask questions. Students are evaluated by tests, lab work, and written homework.

FULL YEAR

1 CREDIT

COURSE #129

BIOLOGY

REQUIRED

GRADE 10

FULL YEAR

1 CREDIT

COURSE #130

Biology is a full year class dealing with the exploration of life forms on earth and the relationships these life forms have with one another and with their environment. Major topics covered include: Cell Biology, Heredity, Animal and Plant Physiology, and Environmental Topics. Lab activities, including dissections, will be a part of the class as will computer simulations and models. Student evaluation will be based on lab performance, test scores, and required homework. Individual laboratory projects are possible with teacher approval.

CHEMISTRY

REQUIRED
GRADE 11
PRE-REQUISITE: ALGEBRA I
FULL YEAR
1 CREDIT
COURSE #131

The purpose of chemistry is for the student to gain an understanding of the structure, the action, and the interaction of matter. To gain this understanding, it is necessary to develop certain scientific attitudes, both technical and mental. The laboratory and experimentation are the means by which technical skills and attitudes are developed. Critical observation and measurement are the technical skills and attitudes most important to the scientist. Problem solving is the means by which good scientific mental attitudes are developed and the major tool used in problem solving techniques is mathematics.

ENVIRONMENTAL SCIENCE I & II

ELECTIVE
GRADES 11,12
SEMESTER 1/2
.5 CREDIT EACH SEM.
COURSE #133/134

This interdisciplinary approach to our world emphasizes the history of environmental concerns, biomes, species interaction with each other and their environment, air, water, soil and biological resources, population dynamics, toxicology, energy sources, land use management and other related topics. Principles of physics, chemistry and biology are incorporated throughout the course. *Students need not have taken semester 1 before taking semester 2 as different topics will be covered each semester.*

ENGINEERING DESIGN I & II

ELECTIVE
GRADES 11, 12
SEMESTER 1/2
.5 CREDIT EACH SEM.
COURSE #143/144

Engineering is the process of solving various problems using materials at hand. In this course students will work on a variety of engineering challenges or projects which must be designed, built, and tested, based on a given set of parameters. Students will learn the basic Physics concepts underlying each project, and learn how to apply these concepts to various real-life situations or new challenges. *Students need not have taken semester 1 before taking semester 2 as different projects will be done each semester.*

HUMAN ANATOMY & PHYSIOLOGY (OFFERED EVERY OTHER YEAR: 2018-19, 2020-21)

ELECTIVE
GRADES 11, 12
PRE-REQUISITE: A GRADE OF "C" OR BETTER IN BIOLOGY
FULL YEAR
1 CREDIT
COURSE #135

This course is meant to meet the needs and interest of a student considering a career in any of the medical or health sciences. Normal human structures and their functions are learned through classroom presentations and a major emphasis on dissections of the fetal pig, cat, and others. Common abnormalities of the various body systems are also studied. Students will be evaluated on the basis of lab performance, test scores, and computer performance simulations.

LIFE SCIENCE 7

REQUIRED
GRADE 7
FULL YEAR
COURSE # 127

All seventh graders are required to take one year of Life Science. In this course, living things and their relationship to one another and to their environment are studied. Proper use of measuring tools and other

general scientific equipment is also learned. Laboratory investigations and activities allow students to further understand the concepts of the content.

EARTH SCIENCE 8

REQUIRED FULL YEAR
GRADE 8 COURSE #128
Major topics studied in Earth Science include: Geology, Meteorology, Astronomy, and Hydrology. Major emphasis is placed on the cause of events that occur in, on, or outside Planet Earth and the ability to predict these events. Students can expect to learn through lab work and through traditional classroom practices. Evaluation will be based on lab work, homework, and test scores.

PHYSICAL EDUCATION AND HEALTH

Each student will use a Polar H7 Heart Rate Monitor in grades 7-10 Physical Education. Students are required to purchase (\$20.00) a heart rate strap for class.

PHYSICAL EDUCATION 9

REQUIRED FULL YEAR
(EOD)
GRADE 9 .5 CREDIT
PRE-REQUISITE: 8TH GRADE PE COURSE #169
Ninth grade physical education shall introduce the concepts of strength, with the introduction of the weight room, along with continuing concentration toward cardiovascular fitness and endurance. Student success will be evaluated on participation and effort in all activities we do. Activities range from team games, such as soccer and basketball, to individual and duel activities, such as juggling, dance, and track and field. Strength training will be emphasized along with cardiovascular fitness. This class will go bowling at Tracy Lanes: Bowling fee - \$21.00, subject to change.

ADVANCED PHYSICAL EDUCATION

ELECTIVE SEMESTER
GRADES 11, 12 .5 CREDIT
COURSE #171
This course is for students who want to continue to improve their fitness and overall wellness through participation in physical education. Students will participate in various individual and team activities including flag football, volleyball, tennis, badminton, softball, basketball, weightlifting and more.

LIFETIME FITNESS

ELECTIVE SEMESTER
GRADES 11, 12 .5 CREDIT
COURSE #173
Students will gain the skills needed to achieve personal fitness and wellness as well as learning the skills to design their own program to maintain their desired level of fitness.

PHYSICAL EDUCATION 7

REQUIRED FULL YEAR
(EOD)
GRADE 7 COURSE #167
PHYSICAL EDUCATION CLOTHING/UNIFORM (SHORTS/SHIRT) PURCHASE REQUIRED:
\$10.00 MINIMUM, MORE WITH SCREEN PRINTED NAME OPTION.
Seventh grade physical education shall start the process of high school fitness. Participation in all activities we do is essential to the students' success in this class. Activities in this class range from gymnastics to badminton, basketball to softball. Team games and cooperative activities are the main portion of this class with a focus on physical fitness along with safety of the gym/classroom area.

PHYSICAL EDUCATION 8

REQUIRED
(EOD)

FULL YEAR

GRADE 8

COURSE #168

PRE-REQUISITE: 7TH GRADE PE

A student shall demonstrate an understanding of motor skills and physical fitness and participate in physical activities that develop motor skills and physical fitness by: 1) describing rules, skills, strategies and etiquette associated with physical education activities; 2) describing the benefit of daily participation in physical activities; 3) describing the components of fitness planning; 4) showing evidence of age-appropriate physical fitness; 5) demonstrating motor skills required for individual, dual and team activities; 6) displaying proper etiquette and team-building skills in dual and group activities; 7) Finally, we will take an in-depth look at human development including reproduction and heredity, pregnancy and birth, development through childhood and adolescence, and maturing through adulthood and the aging process.

HEALTH 9

REQUIRED
GRADE 9

FULL YEAR (EOD)

.5 CREDIT

COURSE #179

Health I has an introduction to overall wellness but focuses more on mental and social health as well as human development. In the mental health unit, topics covered are personality, self-esteem, stress management, mental disorders and suicide. In the social health unit, families and family structure are covered, along with how to build healthy relationships and how to prevent violence. Finally, we will take an in-depth look at the human body and all of the systems included.

FIRST AID & CPR

ELECTIVE
GRADES 11, 12

SEMESTER

.5 CREDIT

COURSE #182

In this course students will learn all the fundamentals of First Aid and CPR. Students will practice proper techniques to be able to perform the appropriate skills in a variety of first aid and emergency situations.

HEALTH 7

REQUIRED
GRADE 7

FULL YEAR (EOD)

COURSE #177

Students in Health 7 will study current topics related to health, including (but not limited to) mental health, physical health, social health, decision making, responsible vs. risk behaviors, managing stress, peer pressure, resistance skills, resolving conflict, healthful behaviors, healthful relationships, being a responsible family member and bully prevention.

HEALTH 8

REQUIRED
GRADE 8

FULL YEAR (EOD)

COURSE #178

Students in Health 8 will study current topics related to health, including (but not limited to) relationships, abstinence, sexually transmitted diseases, the importance of sleep, marriage and parenthood, puberty, body systems, nutrition, personal health & physical activity, alcohol, tobacco, other drugs, peer pressure, resistance skills, communicable & chronic diseases and bully prevention.

FINE ARTS - ART
DRAWING AND PAINTING

ELECTIVE
GRADES 10, 11, 12

SEMESTER

.5 CREDIT

COURSE #192

Drawing is the basis of all art expression and is dealt with in depth in this class. Not only are the different media of drawing covered, but a wide range of subject matter is also covered. The second quarter is spent

dealing with different types and styles of painting. Watercolor, watercolor and ink, and acrylics are media used in developing ideas.

SCULPTURE AND POTTERY

ELECTIVE
GRADES 10, 11, 12

SEMESTER
.5 CREDIT
COURSE #193

Quarter one is spent working in the areas of clay sculpture, hand formed pottery, and wheel-thrown pottery. The student in this class also becomes acquainted with the glazing and forming process. The second quarter is spent exploring other media of sculpture such as plaster or wood. The class is designed to discover three-dimensional qualities of length, width, and depth and their relationship to sculpture.

PHOTOGRAPHY (DIGITAL)

ELECTIVE
GRADES 10, 11, 12

SEMESTER
.5 CREDIT
COURSE #194

CAMERA RENTAL FEE: \$10.00

This class explores photography as an art form. Photography will cover the photographic image, the camera and how to use its settings and functions to get a desired effect, the effects of light and its effect on the mood or feeling of an image. Adobe Photoshop will be used as a tool to help create and improve the creativeness of the photographic image.

GRAPHICS

ELECTIVE
GRADES 10, 11, 12

SEMESTER
.5 CREDIT
COURSE #196

CAMERA RENTAL FEE: \$10.00

Computer driven art assignments stressing the practical applications of digital photography will be explored. Software to be utilized in the course includes Photoshop 7.0, iPhoto and iMovie.

ADVANCED ART

ELECTIVE
GRADES 11, 12

SEMESTER
.5 CREDIT
COURSE #191

Advanced Art is for students who have completed at least 2 elective Art Courses, (Photography, Sculpture and Pottery, Graphics or Drawing and Painting) and wish to work on a more in-depth level into one or more of these areas. Students will be able to work in any course discipline they wish. Perhaps even try something they have not yet tried but wish to pursue.

ART 9

ELECTIVE
GRADE 9

SEMESTER
.5 CREDIT
COURSE #199

Color and its use will be covered in depth in this class with a variety of styles and techniques introduced. Art 9 students will also explore aspects of art such as perspective, abstract ideas, cubism, basic sculpture techniques, cartooning and screen printing.

ART 7 (QUAD)

REQUIRED
GRADE 7

QUARTER
COURSE #197

Art 7 students will explore and demonstrate aspects of right brain artistic activities. Activities include: perspective drawing, abstract design, contour drawing, advertising and compact disc design utilizing Photo Deluxe computer skills.

FINE ARTS: MUSIC

BAND 9-12

ELECTIVE
GRADES 9 -12
PRE-REQUISITE: BAND 7/8 or TEACHER APPROVAL

FULL YEAR
1 CREDIT
COURSE #229

This course has been designed to develop and explore performance technique for music in a variety of styles. Attendance requirements include daily rehearsals, concerts (5), parades (3), and pep band. Lesson requirements per quarter are: freshmen, 6; sophomores, 2; juniors and seniors, 1. Opportunities for solo & ensemble contest and other special small group and solo performances are available. Extra activities earn extra credit and points toward the band letter. Grading is based on attendance, preparation, personal improvement, motivation and attitude.

CHOIR 9 - 12

ELECTIVE	FULL YEAR
GRADES 9 -12	1 CREDIT
PRE-REQUISITE: CHOIR 7/8 or CONSENT OF CHOIR DIRECTOR	COURSE #219

Sing great choral music from a wide variety of styles, including classical and popular. Prepare for 6-7 major performances (participation is required) while developing good vocal technique and musicianship skills. Grading is based on daily rehearsal, concert participation, voice lessons (2-3 per quarter) and a minimum of written work. Large-Group Contest participation is required; optional Solo and Ensemble Contest opportunities are also offered. Travel opportunities include a November day-trip to participate in the St. Olaf Choir Festival. All Choir 9-12 students may audition for extra-curricular Chamber Choir.

GUITAR

ELECTIVE	SEMESTER
GRADES 10, 11, 12	.5 CREDIT
	COURSE #227

This is a beginning level guitar course that will include learning to read notes and rhythms, understanding and playing chords from chord frames, reading tablature, and understanding picking and strumming styles. The course will also include the history of guitars and guitar music. The class will be taught with acoustic guitars and the enrollment will be limited to twelve.

MUSIC STYLES & COMPOSITION

ELECTIVE	SEMESTER
GRADES 10, 11, 12	.5 CREDIT
	COURSE #232

In this class we will learn about various styles of music composition and how to compose a piece of music. We will learn about what makes a song sound good and how pieces of music are structured and built in order to compose several pieces of our own music using an application on our laptops.

PIANO/KEYBOARD

ELECTIVE	SEMESTER
GRADES 10, 11, 12	.5 CREDIT
	COURSE #216

This is a beginning level piano course that will include learning to read basic notes and rhythms, but also will include instruction on how to play piano “by ear”. Students will learn how to play basic chords, how to harmonize melodies using the chords, and basic improvisation techniques for jazz and blues. The class will be taught with 3-octave keyboards as well as real pianos. Enrollment will be limited to 10 or less.

BAND 7/8

ELECTIVE	FULL YEAR (EOD)
GRADES 7 & 8	COURSE #228
PRE-REQUISITE: TEACHER APPROVAL	

This course is centered on technique development with an emphasis on exploring a variety of musical styles. The band will meet every other day. Lessons are required of all band members (6 each quarter). Lesson focus will support the techniques being developed in band and will also promote skill readiness for the high school band. Attendance requirements include concerts (5) and other possible special performances including solos or ensembles. Extra activities earn extra credit.

CHOIR 7/8

ELECTIVE
GRADES 7 & 8
Enjoy singing while exploring many styles of choral music, including classical and popular.
Attendance/participation in the 4 yearly concerts is required. Rehearsals are every other day, and include a variety of warm-up songs, sight-singing, proper voice technique and basic musicianship training, which is preparatory to Senior High Choir. Students prepare annually for a spring day-trip to a music festival.

FULL YEAR (EOD)
COURSE #218

GENERAL MUSIC 7 (QUAD)

REQUIRED
GRADE 7
Explore the development of musical styles and build understanding of music theory and notation. Gain musicianship skills through singing and playing recorders, keyboards and ukuleles, and learn basic improvisation and composition techniques.

QUARTER
COURSE #217

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BUSINESS EDUCATION

ACCOUNTING

ELECTIVE
GRADES 10, 11, 12
OFFERED: 2019-20; 2021-22 (EVERY OTHER YEAR)
This course is a study of basic double-entry bookkeeping principles. Through simulated bookkeeping situations, students learn how to keep accurate and neat records of business transactions by using journals and ledgers and preparing financial statements. This class is highly recommended to any student planning to pursue a business major in college. The concepts taught in this class prepare you for college accounting. The final project is a business simulation where students become the bookkeeper of a business for one month. You will be responsible for making all journal entries, maintaining the checkbook, proving cash, posting, and completing all business financial forms.

SEMESTER
.5 CREDIT
COURSE #241

PERSONAL MONEY MANAGEMENT

ELECTIVE
GRADES 10, 11, 12
OFFERED: 2018-19; 2021-22 (EVERY THIRD YEAR)
This money management course will provide students with a better understanding of their financial responsibilities in our society. Students will study issues relating to employee pay and benefits, tax preparation, budgets and financial records, checking and banking, savings and investments. The information presented in this course will provide students with the knowledge to help them manage their finances more effectively.

SEMESTER
.5 CREDIT
COURSE #245

INTRO TO BUSINESS

ELECTIVE
GRADES 10, 11, 12
OFFERED: 2020-21
Intro to Business is an introductory course and provides an overview of business and the role business plays in economic, social, and political environments. In addition, it will provide exposure to the functional areas of business such as management, operations, marketing, and finance. There will be opportunities throughout the course to discuss current events in business as they apply to the topics being covered.

SEMESTER
.5 CREDIT
COURSE #246

ADVERTISING

ELECTIVE
GRADES 10, 11, 12
OFFERED: 2018-19; 2020-21 (EVERY OTHER YEAR)
Study the key elements that make one advertising campaign successful and another a bust. Learn strategies to understand the customer, maximize the brand and create compelling creative and targeted media plans.

SEMESTER
.5 CREDIT
COURSE #247

Examine the advertising process, explore creativity in media and ads, and develop the critical thinking skills to evaluate advertising campaigns.

BUSINESS LAW

ELECTIVE
GRADES 10, 11, 12
OFFERED: 2019-20

SEMESTER
.5 CREDIT
COURSE #248

Business Law is a course designed to benefit all students. Knowledge of law and problem-solving skills are necessary for survival in our law-saturated society. Real-life cases will be studied to allow students to develop a realistic understanding of the formation of laws and their enforcement. Criminal and business law will be covered, along with the trial process, which will culminate in a Mock Trial in which all students will participate. Contract law will be covered, especially as to how these laws affect juveniles and businesses. Students who successfully complete this class with a course grade of a B or higher will receive a Certificate of Articulation (college credit) through the MN West College System.

COMPUTERS FOR COLLEGE

ELECTIVE
GRADES 10, 11, 12
OFFERED: 2019-20; 2021-22; 2023-24 (EVERY OTHER YEAR)

SEMESTER
.5 CREDIT
COURSE #249

Introduces the student to many different computer applications and skills the student needs throughout high school and beyond. Microsoft Office skills, including Word, Excel, Access and PowerPoint will be heavily emphasized. Other skills to be covered include introduction to various software applications needed by other courses the students may take during high school, internet usage, netiquette, ergonomics and computer hardware. Students who successfully complete this class with a course grade of a B or higher will receive a Certificate of Articulation and could potentially receive College in the Schools credit.

AP COMPUTER SCIENCE

ELECTIVE
GRADES 10, 11, 12
OFFERED: 2018-19; 2020-21; 2022-23 (EVERY OTHER YEAR)

FULL YEAR
1 CREDIT
COURSE #239

Students in this course will learn to design and implement computer programs that solve problems relevant to today's society, including art, media, and engineering. Through hands-on experiences and examples, students will understand the core aspects of computer science to create solutions that are understandable and adaptable for our changing society. This course is designed to prepare students for the AP Computer Science exam in the spring.

IT EXPLORATION

ELECTIVE
GRADES 10, 11, 12
OFFERED: 2019-20; 2021-22; 2023-24 (EVERY OTHER YEAR)

SEMESTER
.5 CREDIT
COURSE #240

Computer networks are an integral part of business, and demand for these workers will increase as firms continue to invest in new technologies. This course is designed to provide students with basic information on programming, networking, computer security and analytics using hands-on learning modules. Students who successfully complete this class with a course grade of a B or higher will receive a Certificate of Articulation (college credit) through the MN West College System.

COMPUTER 7

REQUIRED
GRADE 7
Computer Platform: PC (Compaq) & Mac

SEMESTER
COURSE #237

Students will learn computer history and terminology while also improving their keyboarding technique. Microsoft Office applications Word, PowerPoint, and Excel will be introduced and explained. Email etiquette, electronic resource searches via the Internet, and presentation creation will also be learned.

COMPUTER 8

REQUIRED
GRADE 8

FULL YEAR

Computer Platform: PC (Compaq)

COURSE #238

Students will work with Microsoft Office to improve on word processing, spreadsheets/graphs, and presentations. The programs used for this course will include Word, Excel and PowerPoint. In addition, keyboarding skills will be reviewed and computer terminology will be defined.

FAMILY AND CONSUMER SCIENCE
FACS 9

ELECTIVE
GRADE 9

SEMESTER
.5 CREDIT
COURSE #269

This class will include three components of Family and Consumer Science. Students will study Nutrition and Food Preparation; construct a simple garment from a pattern (boxer shorts or pajama pants), and Consumerism (budgeting, managing a checkbook and consumer rights and responsibilities).

FARM-TO-TABLE

ELECTIVE
GRADES 10, 11, 12

SEMESTER 1
.5 CREDIT
COURSE #309

Farm-to-Table is a course that investigates the relationship between a farm and a restaurant, food manufacturer, store or kitchen. This course will cover the stages of the production of food: harvesting, storage, processing, packaging, sales, and consumption. Farm-to-Table explores the movement concerned with producing food locally and delivering food to local consumers. Other Farm-to-Table topics include: organic farming initiatives, sustainable agriculture, community-supported agriculture, food safety, diet and trends. As a part of this course, students will be working with the garden and preparing meals.

INTERIOR DESIGN & SEWING

ELECTIVE
GRADES: 10, 11, 12

SEMESTER 2
.5 CREDIT
COURSE #275

This course covers two areas in one semester – interior design and sewing. Interior design will familiarize students in the areas of home decoration, furniture construction, housing costs, furniture arrangement, kitchen planning and design, window treatments, floor plans, and architectural styles. Hands-on activities will include designing a storyboard and creating a bedroom. The sewing unit will allow students to create their own sewing projects. Students will be responsible for the cost of the sewing projects.

ADVANCED FOODS

ELECTIVE
GRADES 10, 11,12

SEMESTER
.5 CREDIT
COURSE #280

In Advanced Foods, students have the opportunity to develop advanced food preparation skills while applying nutrition information. Students explore areas of interest which may include quantity food production, cultural and regional cuisines, convenience foods, creating and adapting recipes, use of small cooking appliances, entertaining, changes in nutritional needs throughout the life cycle, vegetarian diets, nutrition for athletes, eating disorders, and careers in food and nutrition-related occupations.

HUMAN RELATIONS

ELECTIVE
GRADES 10, 11, 12
OFFERED: 2019-20; 2021-22; 2023-24 (EVERY OTHER YEAR)

SEMESTER 2
.5 CREDIT
COURSE #272

Human Relationships is appropriate for all students who desire a better understanding of themselves and their relationships with others. Topics in this class include self-esteem, friendships, dating issues, love and marriage, communication and conflict resolution skills.

CHILD DEVELOPMENT

ELECTIVE
GRADES 10, 11, 12

SEMESTER 1
.5 CREDIT
COURSE #273

Learn how children grow and develop from conception to age six. Students will care for an infant simulator for three days and two nights to learn some of the responsibilities of parenting. Students will work with pre-school age children in a school setting and observe and interview a day care provider in the community.

WORKING WITH YOUNG CHILDREN

ELECTIVE
GRADES 10, 11, 12

SEMESTER 2
.5 CREDIT
COURSE #274

Working with Young Children introduces students to the field of early childhood education. If you would like to be a teacher, childcare provider, work in the medical field or other careers related to child care, this is the class for you! This class will allow students to better understand young children and teaches guidance skills. Students will be placed in a classroom with young children 2-3 days per week. Students also learn how to handle specific concerns related to preschool age children, school-age children and children with special needs.

FACS 7 (QUAD)

REQUIRED
GRADE 7

QUARTER
COURSE #267

Students in FACS 7 will learn to read and follow pattern directions while constructing a pillow. This course also includes basic nutrition information along with beginning food preparation techniques as students learn to make some nutritious snacks.

FOREIGN LANGUAGE

SPANISH I

ELECTIVE
GRADE 10, 11, 12

FULL YEAR
1 CREDIT
COURSE #281

Students will learn vocabulary related to their everyday lives. Students will learn grammar including, but not limited to, present and simple future verb tenses; gender of nouns; adjective/noun agreement, possessive adjectives, sentence structure; etc. Students will participate in many speaking activities, complete numerous homework assignments and tests, both written and spoken, and write essays. Spanish will be the primary language in the classroom. Students are expected to spend a minimum of 30 minutes per night studying their Spanish vocabulary and grammar.

SPANISH II

ELECTIVE
GRADE 11, 12
PRE-REQUISITE: SPANISH I

FULL YEAR
1 CREDIT
COURSE #282

Students will expand their vocabulary and will continue to learn Spanish grammar including, but not limited to, present, preterite and simple future tense verbs, direct and indirect object pronouns, verbs like gustar, etc. Speaking activities, homework assignments, tests and essays will become more complicated as more skills are learned. Spanish will be the primary language in the classroom. Students are expected to spend a minimum of 30 minutes per night studying their Spanish vocabulary and grammar.

PANISH III

ELECTIVE
GRADE 12

FULL YEAR
1 CREDIT
COURSE #283

PRE-REQUISITE: SPANISH II

Students will expand their vocabulary and will continue to learn correct Spanish grammar. Speaking activities, homework assignments, tests and essays will become more complicated as more skills are learned. Reading and listening skills will become a greater focus. Students are expected to spend a minimum of 30 minutes per night studying their Spanish vocabulary and grammar. Spanish will be the primary language in the classroom. Students in Spanish III may have the option of participating in an educational experience in Spain.

AGRICULTURAL EDUCATION
INTRO TO AG 9

ELECTIVE
GRADE 9

SEMESTER
.5 CREDIT
COURSE #299

This survey class is an introductory and practical study of Agriculture. Several areas will be covered in this semester class including Horticulture, Natural Resources, FFA, Animal Science, Food Science and careers. Find out how agriculture, practical science and hands-on learning can come together.

MECHANICAL TECHNOLOGY – SMALL ENGINES

ELECTIVE
GRADES 10, 11, 12

FULL YEAR
1 CREDIT
COURSE #313

This course is designed for the student who has an interest in engine operation. The subject matter will focus on Small Gasoline Engine Operation. Units covered in this class will include:

- Engine Operation Principles - 4 Stroke Engines
- Engine Operation Principles - 2 Stroke Engines
- Measuring and Testing Instruments
- Shop Safety and Small Engine Safety
- Ignition Systems
- Carburation and Related Systems
- Preventive Maintenance
- “Hands On” Shop Time with School Engines
- Student Projects

Upon completion of this class, the student will be familiar with the general operating principles of small gasoline engines. They will also have “HANDS ON” experience in the disassembly, repair, and re-assembly of small gasoline engines. Enrollment is limited to 16 students per class.

The second semester of the class switches the focus from small engines to concentrate on large engine operations. Units covered in this class will include:

- Gasoline Engine Principles
- Diesel Engine Principles
- Prevention Maintenance
- Tools and Their Uses
- Shop and Engine Safety
- Overhaul Techniques
- Painting
- Lubrications and Fuels
- “HANDS ON” Shop Experience

AUTO BASICS

ELECTIVE
GRADES 10, 11, 12
PRE-REQUISITE: None, although Ag 8 & 9 are recommended
Don't know how to change a tire? Check your oil? Or the components of your car? This is the class that will explain the automobile in enough detail so you can be comfortable with the basics. This class will also investigate the buying process, insurance and warranties.

SEMESTER
.5 CREDIT
COURSE #300

AG LEADERSHIP

ELECTIVE
GRADES 10, 11, 12
This course is designed to give students an opportunity to develop leadership skills through learning about Parliamentary Procedure, Public Speaking, Job Interview and Personal Development. This class will go through a variety of activities to help students develop these skills through practical exercises, group discussions and FFA Contests related to the content material. It is highly recommended for FFA Officers to sign up for this class but is valuable for all students.

SEMESTER
.5 CREDIT
COURSE #311

METALS

ELECTIVE
GRADES 10, 11, 12
This course is designed to give students a broad, basic knowledge and experience in the metal working area. Topics covered in this Metals class include: Safety, Metal Properties, Planning, Hand Metal Work, Drilling, Tool Sharpening, Taps & Dies, Milling, Sheet Metal, Riveting, SMAW, GMAW, Oxy-Acet Cutting, Brazing, Welding, Forging, Heat Tempering, Spot Welding, and Individual Projects.

FULL YEAR
1 CREDIT
COURSE #315

ADVANCED METALS

ELECTIVE
GRADES 11, 12
PRE-REQUISITE: Metals
After learning the basics of welding in Metals, com put those skills to work with a project based advanced metal class. The class will begin with reviewing welding basics, and then you will have the chance to make your own projects like signs, gates, farm equipment or decorative items. You must have the means to pay for projects you make.

SEMESTER
.5 CREDIT
COURSE #316

NATURAL RESOURCES I

ELECTIVE
GRADES 10, 11, 12
OFFERED: 2019-2020
Learn about the outdoors in an educational setting. Experience archery and earn MN DNR Archery Certification. Units covering wildlife, game laws, and taxidermy will be included. Learn more about our natural resources, the MN DNR, and conservation.

SEMESTER
.5 CREDIT
COURSE #314

NATURAL RESOURCES II

ELECTIVE
GRADES 10, 11, 12
OFFERED: 2019-2020
Build your own fishing rod and lures with your own hands. Earn MN DNR Boat Safety Certification - needed to operate a boat in MN waters. Units covered include natural resource conservation, game birds and song birds of MN (and we will hatch eggs in an incubator), water and lake quality, and fish of MN. Learn more about our natural resources, the MN DNR, and conservation.

SEMESTER
.5 CREDIT
COURSE #319

ANIMAL SCIENCE

ELECTIVE: Fall semester only

GRADES 10, 11, 12

OFFERED: 2019-2020

PRE-REQUISITE: None, although Ag 8 & 9 are recommended.

This course will cover important science concepts as they relate to production animals. We will focus on understanding the animal industry, genetics, learning about the digestive and reproductive systems, animal care, and production.

SEMESTER

.5 CREDIT

COURSE #301

SMALL ANIMAL SCIENCE

ELECTIVE: Spring Semester only

GRADES 10, 11, 12

OFFERED: 2019-2020

PRE-REQUISITE: None, although Shop (Ag) 8 & 9 are recommended

This course is designed for those students with an interest in small animals, as well as equine and exotic animals. Units included are dogs, cats, horses, rabbits and many more. Students will have the opportunity to explore their interests and gain knowledge while learning through hands-on experiments.

SEMESTER

.5 CREDIT

COURSE #307

VETERINARY SCIENCE

ELECTIVE

GRADES 10,11,12

OFFERED: 2019-2020

Ever wanted to learn more about how to care for animals or about careers in the veterinary field? This class will cover a wide variety of topics including animal care, diseases, parasites, medical terminology, vaccinations and animal handling. We will utilize a variety of guest speakers and hands-on labs and activities to make learning as real and fun as possible.

SEMESTER

.5 CREDIT

COURSE #308

HORTICULTURE

ELECTIVE: **Spring Semester only**

GRADES 10, 11, 12

This class will cover several plant science areas including: basic flower parts, operating our School Garden, floral design, landscaping, food crops, and other hot topic issues. This class will be a good mix of hands-on and classroom instruction.

SEMESTER 2

.5 CREDIT

COURSE #302

AG EXPLORATION 8 (QUAD)

REQUIRED

GRADE 8

This is an introduction class for 8th graders. It is designed to build knowledge and expand the awareness of our nation's food, fiber and natural resource systems. Topics discussed will include: FFA, Ag history, basics of animal science, and the food industry.

QUARTER

COURSE #298

MANUFACTURING (AG) SHOP 8 (QUAD)

REQUIRED

GRADE 8

Manufacturing Shop 8 is a quarter class. During the nine weeks of class, students will construct a metal toolbox from scratch. They will learn to properly measure and read a basic blueprint. Students will correctly and safely use tools such as tin snips, metal bender, metal shears, and spot welder. Cost for materials is \$8.50.

QUARTER

COURSE #318

MANUFACTURING (AG) SHOP 7 (QUAD)

REQUIRED
GRADE 7

QUARTER
COURSE #317

Manufacturing Shop 7 is a quarter class. During the nine weeks of class, students will construct a metal toolbox from scratch. They will learn to properly measure and read a basic blueprint. Students will correctly and safely use tools such as tin snips, metal bender, metal shears, and spot welder. Cost for materials is \$8.50.

DIY SHOP

ELECTIVE
GRADE 10, 11, 12

SEMESTER
.5 CREDIT
COURSE #297

Have you ever seen fun projects on Pinterest or online you would like to try? This is your chance! This class will focus on making projects out of pallets, wood scraps, metal and wood burning or other items you want to try. Come try your hand at some hands on projects while cultivating your creative side.

INDUSTRIAL MECHANICS

ELECTIVE
GRADE 10, 11, 12

SEMESTER 1/2
.5 CREDIT
COURSE #312

Objective: Expose students to the vast variety of tools, equipment and systems in the industrial maintenance field.

Topics: Pumps, Electric Motors, Fans, Gearboxes, Hydraulics/Pneumatics, Control Systems, Valves & Piping systems, Boilers & Steam systems, Grain Handling Systems, Dust Collection systems and Fire Suppression systems.

MACHINE (AG) SHOP 101

ELECTIVE
GRADE 10, 11, 12

SEMESTER
.5 CREDIT
COURSE #303

Never taken a shop class before? Looking for a chance to learn about hand tools, woods, metals and engines in a low stress environment, then this class is for you! We will explore all the basics of working in a shop and will give you a chance to explore through projects and other assignments.

AQUA CULTURE

ELECTIVE
GRADE 10, 11, 12

SEMESTER
.5 CREDIT
COURSE #328

Shrimp production is quickly becoming a large industry in our area. Come learn about all aspects of aquaculture including shrimp production, nutrition, water quality and reproduction. This class will be partnering with TruShrimp in Balaton to utilize the best equipment and knowledge available. This will be a great way to learn new skills and experience an industry and company with many emerging local jobs!

COLLEGE IN THE SCHOOLS – ANIMAL SCIENCE

ELECTIVE

FULL YEAR
1 CREDIT
COURSE #330

GRADE: 11, 12 and top 50% of class. Taking Animal Science first is recommended, but not required.

Get 4 credits from the University of Minnesota through this class. This class will cover a wide variety of topics including animal nutrition, breeding, genetics and the animal industry. Field days to the University of Minnesota for hands on labs will also be required part of this class. **\$7 fee/student for Labs.**

TAHS INTERNSHIP PROGRAM

ELECTIVE: 2 HOUR BLOCK
GRADES 11, 12

SEMESTER 1
COURSE #329

OFFERED: TENTATIVE 2019-2020

Through TAHS, you will have the opportunity to complete an internship at an area business as a chance to receive credit for graduation and explore possible careers. This will explain the program and what your responsibilities will be for it.

Placement of your internship site can be done two ways. The first option is to complete your internship at your current job site or home farm. The second option is to be placed at a site depending on your personal career interests and the ability of local businesses to host an intern. This placement site will be paid or unpaid depending on your host, but there may be an opportunity to continue working at that business after the internship period is over as an after school or summer job for pay.

The internship will be completed during 7th & 8th period in 1st semester of the school year, with every other Friday being spent in the classroom going over resumes, cover letters, employability skills and interviews. Mr. Kaare will also conduct site visits during the semester to check up on how you are doing in your internship.

This program will require students to have a mature and “go-getter” attitude. Students will be required to act appropriately on the job site, show up on time and prove professionalism within the business they are working at. All school rules will apply while working and disregarding school rules during this program may result in dismissal from the class. If you feel you cannot comply with school rules and act professionally, do not apply for this program. I can only accept as many students as we have placement sites for so it will be competitive to gain a spot in this class!

If the situation were to arise where you are fired from your job, you will receive a Failing grade for that portion of the term and you will need to find another class in the school to be enrolled in. In the event you cannot continue in your job due to the business closing or other situation outside of your control, you will not fail and we will work with you on finding another placement site or class to take.

If you are interested in completing an internship, see Mr. Kaare to get an application and to be considered for this program.

Tracy Ag-Education Department Moodle Classes

Letter-grade, quarter credits

Each On-line Moodle class, when completed successfully, generates one-quarter (0.25) of high-school credit. All classes generate letter grades to be added to the student's transcript. Students need to work closely with their teacher to earn the letter grade they expect. Tracy Ag-Education does NOT offer pass/fail credit for any class. As soon as the proctored final test is taken and passed, the final grade earned in the class is entered as an official quarter credit.

TAHS Ag-Education On-Line classes take time

Experience tells us it takes about 50 hours to complete a quarter credit class, or about 200 hours for a full credit. Some classes require more.

Classes are rigorous

The courses are rigorous and require dedication and self-motivation by our students; however, each credit-granting class has an Ag-Education teacher to mentor students for success.

On-Line students abide by the honor code

"As a student of the Electronic High School, I agree to turn in my assignments in a timely manner, do my own work, not share my work with others, and treat all students, teachers, and staff with respect."

Work at your own pace

We expect students to complete a quarter class within the time frame of each 9 weeks grading period and to submit work consistently - at least weekly - to remain on class rolls.

Can I do my work from home?

Students must schedule one class period a day to be present in the Ag Classroom. This allows the student access to the Ag Instructors, and gives the student one-on-one contact and assistance as needed. Outside of the Ag Classroom, you can work on your class from any computers connected to the Internet, no matter where you are.

At the end of each class, you must take and pass a proctored exam at Tracy Area High School. When a student is ready for a final test, the Ag-Education teacher and the student may arrange the date and time to take the class final test.

MOODLE CLASSES Offered by the Tracy Agricultural Education Department

Intro to AgEd 101

ELECTIVE .25 CREDIT
GRADE 10, 11, 12 COURSE #320
Description: In this introductory course, students will explore modern agriculture. They will learn about the different sectors in the agriculture industry. Topics include defining Agriscience, global needs of agriculture, exploring agricultural careers, what biotechnology is, and an introduction to FFA.

Intro to Crop Science

ELECTIVE .25 CREDIT
GRADE 10, 11, 12 COURSE #321
Course Description - This class provides an introduction to the fascinating world of crop science. Students will learn about the origins of cultivated plants, structure and anatomy, photosynthesis, respiration, propagation, the basic requirements for plant growth, genetic engineering, biotechnology, soils, production of major agronomic crops, and more.

Supervised Agricultural Experience Program

ELECTIVE .25 CREDIT
GRADE 10, 11, 12 COURSE #322
This course provides credit for student agricultural experience exploration. Fulfillment of the standards outlined in the Policy Statement for Supervised Agricultural Experience Programs in agricultural education is required. All students are required to complete a minimum program of supervised agricultural experience.

Animal Science Online Electives

ELECTIVE .25 CREDIT EACH
GRADE 10, 11, 12 *INSTRUCTOR PERMISSION IS REQUIRED*
Major changes are occurring in the animal industry. These changes will have a radical impact on our everyday lives. These courses take a modern approach to the animal industry, with science principles and veterinary technology practices integrated throughout.

Choose from the following topics which will last 9 weeks each: Companion Animals (Course #324; Beef Production (Course #325); Swine Production (Course #326); Sheep Production (Course #327);

INDUSTRIAL TECHNOLOGY

WOOD SHOP 9

ELECTIVE
GRADE 9

SEMESTER
.5 CREDIT
COURSE #339

This class is an introductory wood shop class. Students will learn shop safety, and how to use the machines and tools in the wood shop. Students will get hands-on experience in making a wood shop project. Students will also work with the program “sketchup” in this class, which is a computer project drafting program. **STUDENTS WILL BE REQUIRED TO HAVE A TAPE MEASURE AND EYE PROTECTION FOR THIS CLASS.** There may also be a small material fee associated with this class for students who wish to take their projects home.

AG CONSTRUCTION

ELECTIVE
GRADES 10, 11, 12

FULL YEAR
1 CREDIT
COURSE #342

PRE-REQUISITE: NONE (THIS CLASS MEETS 1 HOUR A DAY)

The Construction class is scheduled for one hour each day. This class will explore several areas of construction. These areas include but are not limited to: Tool Identification, Tool Fitting, Electricity, Safety, Individual Projects, Plumbing, Insulation, Project Planning, Painting, Concrete, Masonry, Structure Planning, Framing (walls, floors, and rafters), Building Materials Finishing, Heating and Air Conditioning, On-Site Work, Shed Building, Drafting, and Cabinetry. **STUDENTS MUST PROVIDE THEIR OWN SAFETY GLASSES AND TAPE MEASURE.**

CABINETMAKING

ELECTIVE
GRADES 10, 11, 12

FULL YEAR
1 CREDIT
COURSE #340

Cabinet making is a vocational course. Students will use woodworking machines to build a project. Major emphasis will be on learning how to safely operate woodworking machines and the many operations that can be performed on these machines. We stress workmanship. Projects will be selected by the students that will provide learning skills. Final approval of the project to be built will be by the instructor. Before students start to build their project, thirty percent of the cost must be paid. The cost will be determined by constructing a bill of material before actual construction of project. **Students will need to be able to pay for their project, or have someone that needs a project that will finance it.** **STUDENTS MUST PROVIDE THEIR OWN SAFETY GLASSES AND TAPE MEASURE.**

ADVANCED CABINETMAKING

ELECTIVE
GRADES: 11, 12

FULL YEAR
1 CREDIT
COURSE #346

PRE-REQUISITE: Cabinetmaking or instructor permission

Advanced Cabinet making is a vocational course. This class will extend the skills and experiences from Cabinet Making Class. Students will be required to have passed Cabinet Making as a Sophomore or Junior to enroll in this class, or have instructor permission. Students will use woodworking machines to build a project. Major emphasis will be on learning how to safely operate woodworking machines, and the many operations that can be performed on these machines. Workmanship and attention to detail will be an emphasis. Projects will be selected by the students that will provide learning skills. Final approval of the project to be built will be by the instructor. Before students start to build their project, thirty percent of the cost must be paid. The cost will be determined by constructing a sketchup, material list and cost estimate before actual construction of project. **Students will need to be able to pay for their project, or have someone that needs a project that will finance it.** **STUDENTS MUST PROVIDE THEIR OWN SAFETY GLASSES AND TAPE MEASURE.**

PLUMBING/HVAC

ELECTIVE
GRADES 10, 11, 12

SEMESTER
.5 CREDIT
COURSE #344

This class will explore plumbing applications such as installing faucets, water lines, toilets, and drain traps. Residential and commercial heating/cooling systems will also be explored. **STUDENTS WILL BE REQUIRED TO HAVE A TAPE MEASURE AND EYE PROTECTION FOR THIS CLASS.**

ELECTRICITY

ELECTIVE
GRADES 10, 11, 12

SEMESTER
.5 CREDIT
COURSE #348

This class will explore how the electrical system works in your house. Students will get hands on experience with installing breaker panels, duplex outlets, GFCI outlets, lights, and different types of switches. **STUDENTS WILL BE REQUIRED TO HAVE A TAPE MEASURE AND EYE PROTECTION FOR THIS CLASS.**

HOME REPAIR

ELECTIVE
GRADES 10, 11, 12

SEMESTER
.5 CREDIT
COURSE #345

Home repair refers to basic, everyday repairs and maintenance required in the home. Many individuals choose to make these repairs themselves. This course offering is an elective and will involve many hands-on activities. Gain basic, general knowledge in minor home repairs. Install, repair, replace and learn about how things work or how to maintain them. **STUDENTS MUST PROVIDE THEIR OWN SAFETY GLASSES AND TAPE MEASURE.**

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TEACHER ASSISTANTS

ELECTIVE
SEMESTER/YEAR
GRADES 11, 12

.5 - 1 CREDIT

Students may work for any department within the school. Grading will be on a Pass/Fail basis. Students may earn up to 1 full credit for the year. Written permission is required from the staff person involved. **This may be taken as an 8th course only with student having NO study halls.**

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SPECIALIZED COURSES
SPECIAL EDUCATION SERVICES DESCRIPTION

Special education is a service that provides students with special needs direct and indirect services. The special education students are educated in an inclusive environment. They are included in regular education classes based on their academic ability. The students receive modifications designed by the special education department and the student’s classroom teachers. The educational goals of the student are based on the goals and objectives stated in their Individual Education Plans (IEPs). Special education para-professionals are provided in regular education classrooms to help meet the student’s educational needs. The para-professionals assist the classroom teacher with adaptations and modifications. They assist in implementing behavior programs for individual students. Academically, the para-professionals take notes, read tests, clarify directions, re-teach materials, and check assignments are accounted for. The extent of the para-professional’s job depends on the needs and academic ability of the individual student.

BASIC MATH

ELECTIVE
GRADE 7 - 8
GRADES 9 -12
Pre-requisite: Teacher approval
This course is available to students who receive special education services. This class is designed to provide students with basic mathematical skills that are used in everyday life. The content of the course is designed to meet the student's individual math aptitude and the goals and objectives on their Individual Education Plans (IEPs). Therefore, the content of the course varies in accordance with the student's needs and abilities. There is an emphasis on concrete ideas, hands-on activities, and the use of manipulation.

FULL YEAR
COURSE #110
1 CREDIT
COURSE #111

BASIC ENGLISH

ELECTIVE
GRADE 7 - 8
GRADES 9 -12
PRE-REQUISITE: TEACHER APPROVAL
This course is available to students who receive special education services. This class is designed to provide students with basic English skills needed in everyday life. The basics of grammar, spelling, vocabulary, and writing are covered. A weekly spelling test and study packet is given. Students are also given daily work covering grammar, vocabulary, and writing. Oral and written tests and quizzes are given. The areas covered are tailored to meet the student's needs based on the goals and objectives of their Individual Education Plans (IEPs).

FULL YEAR
COURSE #24
1 CREDIT
COURSE #30

WORK EXPERIENCE

ELECTIVE
GRADES 10 -12
The Work Experience Program is designed to assist the student in making a successful transition from school to work after graduation. The program provides on-the-job work experience for special needs students. Direct job coach supervision is provided as needed, for the workers in the program. Students eligible for this program are Special Education students and students at risk. School credit toward graduation is given for being a worker in this program. Grades are earned by employers completing weekly progress reports and contacts made by the Work Experience Coordinator discussing the workers progress. The students need to be at least sixteen to earn a wage through Work Force Center. Volunteering is also an option, which includes earning credit and a grade. The workers can be in the program for three years. They will have three work sites. MSI students will be included in the program longer, with graduation at age 22.

FULL YEAR
1 CREDIT
COURSE #353

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**COLLEGE COURSES AVAILABLE THROUGH THE
SMSU "COLLEGE NOW" PROGRAM**

Students in grades 11-12 are eligible to register for college classes taught in our building at school district expense:

SPEECH 110: ESSENTIALS OF SPEAKING & LISTENING
3 COLLEGE CREDITS
GRADE 11, 12
This course teaches the use of verbal and nonverbal communication along with an emphasis on research skills in order to organize and deliver four effective oral presentations: impromptu, informative, persuasive, and a group presentation. Additional emphasis is placed on identifying and overcoming listening barriers.

SEMESTER
.5 HS CREDIT
COURSE #17

ENGLISH 151: ACADEMIC WRITING
4 COLLEGE CREDITS
GRADE 12

SEMESTER
.5 HS CREDIT
COURSE #18

This course will enable students to determine a writing purpose, generate ideas to support a topic, determine an audience, develop a focus, and organize a written text, beginning with more personal, or “reflective” writing and moving on to expository writing and argument. At least two papers will involve a research component through which students begin to learn the conventions of citation and documentation. Furthermore, the class will enable students to learn how purpose and audience affect the content, language, and form of a written text. Students must meet minimum writing objectives as determined by the English Department’s placement procedures in order to be placed into this course.

LITERATURE 120 SEMESTER
 3 COLLEGE CREDITS .5 HS CREDIT
 GRADE 12 COURSE #19

This course will deepen students’ understanding and appreciation of literature as an art form as well as strengthen students’ ability to read short stories, poems, novels and drama for meaning. This course does not count toward a Literature or Creative Writing major.

POLITICAL SCIENCE 120 – AMERICAN NATIONAL GOVERNMENT FULL YEAR
 3 COLLEGE CREDITS 1 HS CREDIT
 GRADE 12 COURSE #70

Political Science is a college level survey course that explores the foundations and applications of the American political system. The three branches of the federal government are examined in detail, along with the role of political parties, interest groups, bureaucracies and the media. Students also examine the movements of political culture and public opinion. Several modern issues are researched and debated throughout the year. A 5-7 page essay on a controversial topic facing the current American Government is also required. The course will also feature several short economics units in order to meet high school standards.

MATH 110: COLLEGE ALGEBRA SEMESTER
 3 COLLEGE CREDITS .5 HS CREDIT
 GRADE: 12 COURSE #99

Pre-requisite: Algebra II
 CALCULATOR: Any scientific calculator (sin, cos, tan) or TI-83/TI-84 Graphing Calculator
 A study of the fundamental concepts of Algebra. Topics include: equations and inequalities; polynomial, rational, exponential, and logarithmic functions and their graphs; and systems of linear equations. The required preparation is three years of high school mathematics, including Algebra II.

MATH 135: PRE-CALCULUS FULL YEAR
 5 COLLEGE CREDITS 1 HS CREDIT
 GRADE: 12 COURSE #101

Pre-requisite: Algebra II, Geometry
 Must have a graphing calculator from the TI-83 or TI-84 family
 A detailed study of the mathematics needed for calculus. Concepts are presented and explored from symbolic, graphical and numerical perspectives. Basic concepts covered include polynomial, rational, exponential, logarithmic and trigonometric functions, complex numbers, linear systems, numerical patterns, sequences and series.

BIOLOGY 100/100L: BIOLOGY IN THE MODERN WORLD FULL YEAR
 3 COLLEGE CREDITS LECTURE/1 CREDIT LAB (Offered E.O.Y.: 2018-19) 1 HS CREDIT
 GRADE 11, 12 COURSE #137

Pre-requisite: “C” in H.S. Biology
 This college biology class will repeat many of the same concepts taught in a high school biology class but to a greater depth. Topics included are: Cell Biology and Biochemistry; Photosynthesis and Respiration; DNA and Protein Synthesis; Genetics; and Ecology. Labwork, along with traditional classwork, is an important aspect of this class. The class is primarily for college students who are not science majors.

SPANISH 201: INTERMEDIATE SPANISH FULL YEAR

4 COLLEGE CREDITS (Not offered at this time)
GRADE 12

1 HS CREDIT
COURSE #

This is a rigorous class meant to challenge you. Students will learn the intricate details of Spanish grammar. Students will continue to work with the present, preterit, imperfect, present progressive and simple future verb tenses and will learn the future, conditional and subjunctive verb tenses as well. Speaking skills will be emphasized and reading and writing skills will be honed. Spanish will be the primary language in the classroom. Students are expected to spend a minimum of 30 minutes per night studying their Spanish vocabulary and grammar. Students in Intermediate Spanish 201 may have the option of participating in an educational experience in Spain. Instructors' approval necessary.

PROSTART FOODS II (Not offered at this time)
COLLEGE CREDIT POSSIBLE

SEMESTER
1/2 HS CREDIT
COURSE #

Pre-requisite: Basic Foods and Nutrition I

This class builds on the skills learned in Basic Foods and Nutrition I. Students interested in working in the food industry will have the opportunity to earn college credits by completing both courses and participating in paid internships in a food related industry in the community. A competency test would be required before college credits are granted.

ADVANCED PLACEMENT COURSES

AP EUROPEAN HISTORY
GRADES 10, 11, 12

FULL YEAR
1 CREDIT
COURSE #71

This is an advanced class examining the influence of events in Europe on the world today. The analysis of European events starts near the end of the Middle Ages and continues through present day. The three central themes of the class will be: intellectual and cultural history, political and diplomatic history, and social and economic history. These themes will be drawn from a historical narrative that will focus on peace, revolution and war. The class is designed as a preparatory tutorial for the AP European History Exam.

AP HUMAN GEOGRAPHY
GRADES 11, 12

FULL YEAR
1 CREDIT
COURSE #72

AP Human Geography is a yearlong course that focuses on the distribution, processes, and effects of human populations on the planet. Units of study include population, migration, culture, language, religion, ethnicity, political geography, economic development, industry, agriculture, and urban geography (*apcentral.collegeboard.com*). The course content of AP Geography helps students to develop critical thinking skills through the understanding, application and analysis of the fundamental concepts of geography. Students are introduced to the systematic study of patterns and processes that have shaped human understanding, use and alteration of the Earth's surface. Students will employ spatial and landscape analysis to analyze human social organization and its environmental consequences

AP PSYCHOLOGY
GRADES 10, 11, 12

FULL YEAR
1 CREDIT
COURSE #73

AP Psychology is designed to give students the opportunity to understand why humans think, feel, and behave as we do. The course is designed to introduce students to the scientific study of the behavior and mental processes of human beings and other animals. Students will study psychological facts, principles, and phenomena. Students will also learn about the ethics and methods psychologists use in their science and practice.

AP CALCULUS AB
GRADE 12
PRE-REQUISITE: Pre-Calculus

FULL YEAR
1 CREDIT
COURSE #104

Calculus AB is primarily concerned with developing the students' understanding of the concepts of calculus and providing experience with its methods and applications. The course emphasizes a multi-representational approach to calculus, with concepts, results, and problems being expressed graphically, numerically, analytically and verbally. At the end of the year, students will have the opportunity to complete a test to qualify for college credit.

AP COMPUTER SCIENCE

FULL YEAR

GRADES 10, 11, 12

1 CREDIT

OFFERED EVERY OTHER YEAR (2018-2019, 2020-2021)

COURSE #

Students in this course will learn to design and implement computer programs that solve problems relevant to today's society, including art, media, and engineering. Through hands-on experiences and examples, students will understand the core aspects of computer science to create solutions that are understandable and adaptable for our changing society. This course is designed to prepare students for the AP Computer Science exam in the spring.

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MINNESOTA WEST COLLEGE SYSTEM CREDIT

These Family and Consumer Science courses are available for college credit through the **Minnesota West College System**: (see instructor for further information)

Child Development	3 college cr	Semester	See previous course description
Foods	3 college cr	Semester	See previous course description.

Students can get college credit in Pneumatics at MN West/Granite Falls for taking Ag Mechanics. Ag Engines and Metals classes can qualify for credit at various schools we have Articulation Agreements with. Students who successful complete the following classes with a course grade of B or higher will receive a Certificate of Articulation (college credit) through the MN West College System: Business Law, Computers for College

