

Students and Parents,

This registration booklet is written to assist students and their parents in making the best choices for educational experiences at WHS. When planning a high school program of study, it is important that students receive as much parental direction and guidance as possible. It is also helpful to visit with teachers, advisors, student services, and the high school assistant principals or principal concerning class registration. It is also important that students plan their school program wisely and on a long-term basis. While not guaranteeing success, planning for the long-term initiates decisions aimed at future goals. This first step begins with the students selecting their classes from the list of course offerings in this booklet.

We encourage all students to prepare for life-long learning beyond high school; therefore, students need to keep in mind their future career choices when planning their program of study. We encourage the students to focus their high school education toward post secondary, whether a technical, associate, or four year program. This preparation for post secondary education begins in the spring when the students select their classes. Their choices allow us to build a master schedule for the next year. Students are encouraged to make decisions based on their own education plans and occupational interests rather than the plans and interests of their friends. Students **MUST** take rigorous coursework if they are to experience success in post secondary education of any kind.

The courses listed on the following pages represent the recommended curriculum and activities for each program of study. Students are encouraged to explore all available opportunities. The career cluster areas and recommended curriculum and activities should be of great assistance to students when registering for their courses.

This booklet includes graduation requirements established by the South Dakota State Board of Education and Watertown Board of Education. In addition, it includes the South Dakota Board of Regents admission requirements to state universities and state technical institutes. There is a listing of all classes required and electives offered at WHS, Lake Area Multi District and LATI. Course descriptions are included along with the following information: grade level, required or elective class, prerequisite, and credit for the class. Please review this information when preparing for class registration.

All students at WHS must be enrolled in a minimum of six credits per year. Please understand that all of these courses may not be offered due to lack of student interest, master schedule conflicts, or other factors beyond our control.

In order to obtain credit in any courses herein described, students must demonstrate an acceptable level of skills mastery of the curriculum. The levels of mastery are determined by the teachers through various assessment and evaluation methods throughout the duration of the course. Each teacher will share their class grading procedures and requirements with the students during the first week of class in a course syllabus.

In addition to the large selection of course offerings listed in the registration booklet, our high school offers opportunities in numerous co-curricular activities. Please see our WHS website for a description of all of our student activities. We encourage students to consider participating in activities in addition to the courses listed in this booklet.

It is the student's responsibility to know if all requirements for graduation from high school and post-high school education admissions are being met. It is also the student's responsibility to register for the courses required for each grade level. Your teachers, advisors, counselors, or principals are very willing to offer you guidance and help you decide if your class registration supports your career plans or graduation requirements.

We at WHS believe all students will be successful if we follow the 4 R's:

- Do the RIGHT thing
- Be RESPECTFUL
- Be RESPONSIBLE
- Be a positive ROLE-MODEL

We will help all students to follow the 4 R's enroute to a successful high school career.

Watertown High School offers equal education opportunities for all its students and does not discriminate on the basis of race, color, creed, religion, age, sex, disability, national origin, or ancestry in its educational programs or activities.

If you have any questions, please feel free to contact me at the high school.

Sincerely,

Mike Butts

Mike Butts
Principal

2010 – 2011 Registration and Career Guide
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Graduation Requirements

The table on this page identifies the number of credits required in grades 9 – 12 by the Watertown Board of Education and the requirements established by the South Dakota Board of Regents for Admission to South Dakota State Universities.

It is the student’s responsibility to know if all requirements for graduation and college entrance are being met. It is also the student’s responsibility to register for the courses required for each grade level. Your teachers, counselors, and principal are very willing to help you decide if your registration supports your career plans and graduation requirements.

The ultimate responsibility for a proper registration rests with you, the student.

Subject	Graduation Requirements				
	Watertown Board of Education				State Board of Education
	Number of Credits Required				
	2011	2012	2013	2014	
English	4	4	4	4	4
Speech/Debate	.5	.5	.5	.5	.5
Mathematics	3	3	3	3	3
Science	3	3	3	3	3
Social Science	3.5	3.5	3.5	3.5	3.5
Computer Science	.5	.5	.5	.5	.5
Fine Arts	1	1	1	1	1
Health/Wellness	.5	.5	.5	.5	0
Econ / Pers. Fin	.5	.5	.5	.5	.5
Electives					
Total Credits	7.5	7.5	7.5	7.5	6
	24	24	24	24	22

The State Board of Education approved new graduation requirements in November of 2009 to be applied to the graduating class of 2014. Watertown High School is currently reviewing the new requirements to be in place for the fall of 2012.

Insert


Graduation Requirements

Page 1

South Dakota Technical Institutes Admission Requirements

Admission into a post-secondary technical institute is based on individual program admission requirements. All applicants must submit a high school transcript and standardized test scores. Admission requirements for many technical programs exceed the requirements for University admission.

Students who plan on pursuing technical education are advised to enroll in academically challenging subjects at the high school level, especially math, science, and computers. Technical and multi-district courses are strongly encouraged. Post-secondary credits can be earned at the high school level in most programs.

South Dakota Board of Regents Admission Requirements	
<p>Top 60% of graduating class OR ACT Composite Score of 18 or above Or SAT score of 870 OR High School GPA of 2.6 on 4.0 scale AND 4 units of English OR ACT English sub-test score of 18 or above OR AP English score of 3 or above 3 units of advanced Math OR ACT Math sub-test scores of 20 or above OR AP Calculus score of 3 or above 3 units of Laboratory Science OR ACT Science Reasoning sub-test score of 17 or above OR AP Science score of 3 or above 3 units of Social Science OR ACT Social Sciences/Read sub-test Score of 17 or above OR AP Social Sciences score of 3 or above .5 year of Computer Science OR AP Computer Science score of 2 or above 1 year of Fine Arts OR AP Fine Arts score of 3 or above .5 units of Econ or Personal Finance</p>	<p style="text-align: center;">ACT Requirements</p> <p>Northern State University – Aberdeen –18</p> <p>Black Hills State University – Spearfish –18</p> <p>Dakota State University – Madison –18</p> <p>University of South Dakota - Vermillion – 21</p> <p>South Dakota State University - Brookings – 18</p> <p>South Dakota School of Mines – Rapid City – 25</p> <div style="text-align: right; margin-top: 20px;">  </div>

<p>Minnesota State University System High School Preparation Requirements 4 years of English (including composition and literature) 3 years of Math (2 years of algebra and 1 year of geometry) 3 years of Science (1 year each of a biological and physical) 3 years of Social Science (including 1 year each of US history and geography) 3 years of Specified Electives (2 years of a single world language and 1 year of either world culture or the arts)</p>
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President's Award for Educational Excellence

This is the most prestigious academic recognition bestowed upon Watertown Senior High School students. To earn this award, a student must achieve the following in grades 9-12:

3.5 Cumulative Grade Point Average

Score at 85% nationally on ACT or SAT test

Complete the following courses with no course grade below a "C":

4 units English 4 units Mathematics (Algebra I or higher)

4 units Science 4 units Social Studies

1 unit Fine Arts .5 unit Computer Science

4 units of the same Modern (Foreign) Language

SD Board of Regents Scholar Diploma and the South Dakota Opportunity Scholarship (Dependent upon availability from the State of South Dakota)

Regents Scholar Diploma: (Certificate only)

The SD Board of Regents, officially recognizes seniors committed to academic excellence by presenting the SD Regents Scholar Diploma to those graduating seniors with a Cumulative Grade Point Average of no less than 3.0 (based on state conversion of numeric grade points), and have the following courses with no course grade below a "C":

4 units English 4 units Mathematics (Algebra I or higher)

4 units Science 3 units Social Studies

1 unit Fine Arts .5 unit Computer Science

2 units of the same Modern (Foreign) or Classical Language (includes American Sign Language)

South Dakota Opportunity Scholarship: (SD Board of Regents grants scholarship monies to eligible students, spread over four years, to attend a SD institute of higher education)

In addition to the criteria listed above: To also be eligible for the South Dakota Opportunity Scholarship, a student must have an ACT Composite Score of no less than 24 or sum of Verbal & Mathematics Score on SAT must be at least 1090.

The ACT or SAT test must be taken while in high school or the summer following graduation from high school and before post secondary enrollment. The scholarship may be used at any university, college, or technical school in South Dakota that is accredited by the North Central Association (NCA). The school also must provide instruction from a campus located in South Dakota.

Eligibility for the SD Opportunity Scholarship is **based on an application submitted to the South Dakota postsecondary institution by the student**, along with an official high school transcript and verification of the outlined criteria. Applications may be picked up in the Student Services Office at WHS or may also be found online by visiting the Student Services website:
www.watertown.k12.sd.us/schools/srhigh

For more details, contact: South Dakota Board of Regents
South Dakota Opportunity Scholarship Program
306 E Capitol Ave, Suite 200
Pierre, SD 57501-2545 – 605-773-3455 – www.sdbor.edu

Graduation Requirement Options

The following pages present the optional ways students may satisfy requirements for graduation from WHS.

The course titles that you find on these pages will all appear later on your “course selections sheet” exactly as they appear in this book.

As we implement our beliefs that “ALL CHILDREN CAN LEARN”, all that it takes to be successful is a “CAN DO” attitude, good attendance, the willingness to work hard and demonstration of the mastery of the required learning. We stand ready to assist you, but the decision is yours.

Fine Arts Requirement – 1 credit			
Grades 9 – 12	1 Credit	Band (Concert or Symphonic)	(1)
		Orchestra (Concert or Symphonic)	(1)
		Choir (FR Choir, Concert, Meistersingers)	(1)
		Drama I or Drama II	(.5)
		Design (previously Art 1)	(.5)
		Photography I & II (Grades 10 – 12)	(.5)
		Graphic Design	(.5)
		Drawing	(.5)
		Painting	(.5)
		Pottery	(.5)
Sculpture	(.5)		

Language Arts Requirements – 4.5 credits			
Grade 9	One of These	Speech I or Debate I	(.5) (.5)
	One of These	English 9 or English 9 College Prep Accelerated English 9 College Prep Accelerated with Debate I	(1) (1) (1)
Grade 10	One of These	English 10 or English 10 College Prep Accelerated or English 10 College Prep Accelerated w/Debate II	(1) (1) (1)
Grade 11	One of These	English 11 or English 11 CP Accelerated (American Studies) or English 11 College Prep Accelerated	(1) (1) (1)
Grade 12	One Comp. and one Lit. or one AP course	Composition: Expository Writing	(.5)
		Composition: Professional Writing	(.5)
		Composition: Creative Writing	(.5)
		CP Accel English Literature	(.5)
		Contemporary Literature	(.5)
		Dual Credit Composition (LATI)	(.5)
		AP English Lit & Composition	(1)
		AP English Language & Composition	(1)

Mathematics Requirements – 3 credits			
Grade 9	One of These	Algebra I Accelerated Geometry	(1) (1)
Grade 10	One of These	Geometry Accelerated Algebra II	(1) (1)
Grade 11		Algebra II	(1)
Grades 11 - 12		MATH ELECTIVES: Trig/Algebra III Precalculus Survey of Calculus Statistics AP Calculus	(1) (1) (.5) (.5) (2)

Computer Requirements - .5 credits			
Grades 9 - 12	.5 Credit	Computer Application (previously Intro to Computer)	(.5)

Science Requirements – 3 credits			
Grade 9	One of These	Biology or Fundamentals of Biology Physical Science	(1) (1)
Grades 10 – 12	Two Credits	Physical Science or Fundamentals of Physical Science Biology or Fundamentals of Biology General Chemistry or Investigative Chemistry or Fund. Of Chemistry	(1) (1) (1)
Grades 11 – 12	One of These	SCIENCE ELECTIVES: AP Environmental Science Physics AP Biology AP Chemistry (on-line APEX course)	(1) (1) (2) (2)

Social Science Requirements – 3.5 credits			
Grade 9		World Geography	(1)
Grade 10	One of These	World History or Accelerated World History	(1) (1)
Grade 11	One of These	US History US History CP Accelerated (American Studies) AP US History	(1) (1) (2)
Grade 12	One of These	US Government Accelerated US Government AP Government & Politics	(.5) (.5) (1)

Health/Wellness - .5 credits			
Grades 9 - 12	.5 Credit	Health/Wellness	(.5)

Economics or Personal Finance - .5 credits			
Grades 11 - 12	.5 Credit	Economics or Personal Finance in Business or Personal Finance for Families	(.5) (.5) (.5)

COURSE AND CREDIT REQUIREMENTS FOR GRADUATION GRADE 9 – CLASS OF 2014
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Required Courses:

Language Arts	1 Credit
Science	1 Credit
Math	1 Credit
Speech I/Debate I	.5 Credit
Computer Applications	.5 Credit
World Geography	1 Credit
Health/Wellness	.5 Credit
Elective	.5 – 2.5 Credits

Elective Courses

Design	.5 Cr	German I/German II	1 Cr
Pottery	.5 Cr	Spanish I/Spanish II	1 Cr
Drawing	.5 Cr	Fashion Design	.5 Cr
Painting	.5 Cr	Beg. Strg. & Fit. Training	.5 Cr
Sculpture	.5 Cr	Adv. Strg. & Fit. Training	.5 Cr
Graphic Design	.5 Cr	Beg. Strg. & Fit./Women Training	.5 Cr
Concert Band	1 Cr	Lifetime Sports	.5 Cr
Symphonic Band (by audition)	1 Cr	Adv Lifetime Sports	.5 Cr
Symphonic Strings (by audition)	1 Cr	Oral Interp	.5 Cr
Concert Strings	1 Cr	Intro to Business	.5 Cr
Freshman Choir	1 Cr	Drama I: Intro to Acting/Theatre	.5 Cr
ELL Study Skills	1 Cr	Science Technology	.5 Cr
Careers That Build	.5 Cr	Business Technology	.5 Cr
Working With People	.5 Cr	Foods & Nutrition I	.5 Cr

My Plan for 9th Grade

Course	Block	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Language Arts Science	1				
Mathematics World Geog Computer Appl.	2				
Speech/Debate Health/Wellness Electives	3				
	4				

ALL 9th GRADE STUDENTS MUST BE ENROLLED IN A MINIMUM OF 6 CREDITS.

**COURSE AND CREDIT REQUIREMENTS FOR GRADUATION
GRADE 10 – CLASS OF 2013**

Required Courses:

Language Arts	1 Credit
Math	1 Credit
World History	1 Credit
Science	1Credit
Elective	2 - 4 Credits

SEE previous grade's electives + the following

Photography I	.5 Cr	Practical Law	.5 Cr
AP Computer Science	1 Cr	Human Development	.5 Cr
Concert Choir	1 Cr	Skills for Parenting	.5 Cr
Meistersingers (by audition)	1 Cr	Cabinetmaking/Adv Cabinetmak	1/1 Cr
Adv Music Exploration	.5 Cr	ProStart I / II	1/1 Cr
Drama II	.5 Cr	Foods & Nutrition II	.5 Cr
Debate II	.5Cr	Electronics	1 Cr
Journalism I/II	.5 Cr	Machine Tool Tech	2 Cr
German III/IV	1/1 Cr	Sociology	.5 Cr
Spanish III/IV	1/1 Cr	Electronic Publishing I	1 Cr
Accounting I/II	1/1 Cr	Drafting/Adv Drafting	1 Cr
Advanced Computer Application	1 Cr	Retail & Reality in Business	1 Cr
Foreign/World Affairs	.5 Cr	Digital Imaging	.5 Cr
Digital Print & Page Layout	.5 Cr	Web Design	.5 Cr
Multimedia Design	.5 Cr	Computer Hardware Basics	1 Cr
Adv. Electronics	1 Cr	Welding/Adv. Welding	1/1 Cr

My Plan for 10th Grade

Course	Block	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Language Arts Mathematics World History	EB				
Science Electives	1				
	2				
	3				
	4				

ALL 10th GRADE STUDENTS MUST BE ENROLLED IN A MINIMUM OF 6 CREDITS.

COURSE AND CREDIT REQUIREMENTS FOR GRADUATION GRADE 11 – CLASS OF 2012

Required Courses:

Language Arts	1 Credit
US History	1 Credit
Science	1 Credit
Math	1 Credit
Personal Finance / Economics	.5 Credit
Elective	1.5 – 3.5 Credits

SEE previous grade's electives + the following

AP English Lang & Comp	1 Cr	Trig/Alg. III	1 Cr
Journalism III	.5 Cr	Precalculus	1 Cr
Adv Machine Tool	2 Cr	AP Biology	2 Cr
AP Spanish	1 Cr	Abnormal Psychology	.5 Cr
AP German	1 Cr	Electronic Publishing II	1 Cr
Photography II	.5 Cr	Human Services	2 Cr
Debate III/Technical Reading	1 Cr	AP Gov't & Politics	1 Cr
Psychology	.5 Cr	Auto Tech I	1 Cr
Philosophy	.5 Cr	Auto Teach II	1 Cr
AP Environmental Science	1 Cr	Career Ready & Employ	.5 Cr
Building Trades	2 Cr	Career Internship	.5 Cr
Physics	1 Cr	Statistics	.5 Cr
Chemistry	1 Cr	Survey of Calculus	.5 Cr
		Health Science	1 Cr
		Advanced Health Science	1 Cr

My Plan for 11th Grade

Course	Block	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Language Arts Mathematics	EB				
US History Science	1				
Personal Finance/Econ	2				
Elective	3				
	4				

ALL 11th GRADE STUDENTS MUST BE ENROLLED IN A MINIMUM OF 6 CREDITS.

COURSE AND CREDIT REQUIREMENTS FOR GRADUATION GRADE 12 – CLASS OF 2011

Required Courses:

Language Arts	1 Credit
US Government	.5 – 1.0 Credits
Personal Finance / Economics	.5 Credit
Electives	4 – 6 Credits

SEE previous grade’s electives + the following

AP Chemistry	2 Cr	Student/Teacher Partnership	.5 Cr
Dual Credit Courses		Debate IV/Comp: Adv Speech	.5/.5
AP Calculus	2 Cr		

My Plan for 12th Grade

Course	Block	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Language Arts	EB				
US Government					
Personal Fin/Econ	1				
Electives	2				
	3				
	4				

ALL 12th GRADE STUDENTS MUST BE ENROLLED IN A MINIMUM OF 6 CREDITS.

Career Clusters Interest Survey

Name _____ Date _____

Directions: Circle the items in each box that best describe you. You may make as many or as few circles in each box as you choose. Add up the number of circles in each box. Look to see which three boxes have the highest numbers. Find the corresponding Career Clusters on the pages immediately following this survey to see which Career Clusters you may want to explore.

Box 1	Activities that describe what I like to do: 1. Learn how things grown and stay alive. 2. Make the best use of the natural resources. 3. Hunt and/or fish. 4. Protect the environment. 5. Be outdoors in all kinds of weather. 6. Plan, budget, & keep records. 7. Operate machines & keep them in good repair.	Personal qualities that describe me: 1. Self-reliant 2. Nature lover 3. Physically active 4. Planner 5. Creative problem solver	School subjects that I like: 1. Math 2. Life Sciences 3. Earth Sciences 4. Chemistry 5. Agriculture	Total number circled in Box 1 <input style="width: 50px; height: 50px;" type="text"/>
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Box 2	Activities that describe what I like to do: 1. Read & follow blueprints and/or instructions. 2. Picture in my mind what a finished product looks like. 3. Work with my hands. 4. Perform work that requires precise results. 5. Solve technical problems. 6. Visit & learn from beautiful, historic, or interesting buildings. 7. Follow logical, step-by-step procedures.	Personal qualities that describe me: 1. Curious 2. Good at following directions 3. Pay attention to detail 4. Good at visualizing possibilities. 5. Patient & persistent	School subjects that I like: 1. Math 2. Drafting 3. Physical Sciences 4. Construction Trades 5. Electrical Trades/Heat, Air Conditioning & Refrigeration/Technology Education	Total number circled in Box 2 <input style="width: 50px; height: 50px;" type="text"/>
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Box 3	Activities that describe what I like to do: 1. Use my imagination to communicate new information to others. 2. Perform in front of others. 3. Read & write. 4. Play a musical instrument. 5. Perform creative, artistic activities. 6. Use video & recording technology. 7. Design brochures and posters.	Personal qualities that describe me: 1. Creative/ imaginative 2. Good communicator / good vocabulary 3. Curious about new technology 4. Relate well to feelings and thoughts of others. 5. Determined/tenacious	School subjects that I like: 1. Art/Graphic design 2. Music 3. Speech & Drama 4. Journalism / Literature 5. Audiovisual Technologies	Total number circled in Box 3 <input style="width: 50px; height: 50px;" type="text"/>
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Source: Adapted from the Guidance Division Survey, Oklahoma Department of Career & Technology Education (2005)

NOTE: This survey does not make any claims of statistical reliability and has not been normed. It is intended for use as a guidance tool to generate discussion regarding careers and is valid for that purpose.

Box 4	Activities that describe what I like to do: <ol style="list-style-type: none"> 1. Perform routine, organized activities, but can be flexible. 2. Work with numbers and detailed information. 3. Be the leader in a group. 4. Make business contact with people. 5. Work with computer programs. 6. Create reports & communication. 7. Plan my work & follow instructions without close supervision. 	Personal qualities that describe me: <ol style="list-style-type: none"> 1. Organized 2. Practical & logical 3. Patient 4. Tactful 5. Responsible 	School subjects that I like: <ol style="list-style-type: none"> 1. Computer Applications / Business & Information Tech. 2. Accounting 3. Math 4. English 5. Economics 	Total number circled in Box 4 <input style="width: 50px; height: 50px;" type="text"/>
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Box 5	Activities that describe what I like to do: <ol style="list-style-type: none"> 1. Communicate with different types of people. 2. Help others with their homework or to learn new things. 3. Go to school. 4. Direct & plan activities for others. 5. Handle several responsibilities at once. 6. Acquire new information. 7. Help people overcome their challenges. 	Personal qualities that describe me: <ol style="list-style-type: none"> 1. Friendly 2. Decision maker 3. Helpful 4. Innovative / Inquisitive 5. Good listener 	School subjects that I like: <ol style="list-style-type: none"> 1. Language Arts 2. Social Studies 3. Math 4. Science 5. Psychology 	Total number circled in Box 5 <input style="width: 50px; height: 50px;" type="text"/>
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Box 6	Activities that describe what I like to do: <ol style="list-style-type: none"> 1. Work with numbers. 2. Work to meet a deadline. 3. Make predictions based on existing facts. 4. Have a framework of rules by which to operate. 5. Analyze financial information and interpret it to others. 6. Handle money with accuracy and reliability. 7. Take pride in the way I dress & look. 	Personal qualities that describe me: <ol style="list-style-type: none"> 1. Trustworthy 2. Orderly 3. Self-confident 4. Logical 5. Methodical or efficient 	School subjects that I like: <ol style="list-style-type: none"> 1. Accounting 2. Math 3. Economics 4. Banking/Financial Services 5. Business Law 	Total number circled in Box 6 <input style="width: 50px; height: 50px;" type="text"/>
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Box 7	Activities that describe what I like to do: <ol style="list-style-type: none"> 1. Be involved in politics. 2. Negotiate, defend, & debate ideas & topics 3. Plan activities & work cooperatively with others. 4. Work with detail. 5. Perform a variety of duties that may change often. 6. Analyze information and interpret it to others. 7. Travel and see things that are new to me. 	Personal qualities that describe me: <ol style="list-style-type: none"> 1. Good communicator 2. Competitive 3. Service-minded 4. Well-organized 5. Problem solver 	School subjects that I like: <ol style="list-style-type: none"> 1. Government 2. Language Arts 3. History 4. Math 5. Foreign Language 	Total number circled in Box 7 <input style="width: 50px; height: 50px;" type="text"/>
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Box 8	Activities that describe what I like to do: <ol style="list-style-type: none"> 1. Work under pressure. 2. Help sick people & animals. 3. Make decisions based on logic and information 4. Participate in health & science classes. 5. Respond quickly & calmly in emergencies. 6. Work as a member of a team. 7. Follow guidelines precisely and meet strict standards of accuracy. 	Personal qualities that describe me: <ol style="list-style-type: none"> 1. Compassionate and caring 2. Good at following directions 3. Conscientious 4. Patient 5. Good listener 	School subjects that I like: <ol style="list-style-type: none"> 1. Biological Sciences 2. Chemistry 3. Math 4. Occupational Health classes 5. Language Arts 	Total number circled in Box 8 <input type="text"/>
Box 9	Activities that describe what I like to do: <ol style="list-style-type: none"> 1. Investigate new places/activities. 2. Work with all ages/types of people. 3. Organize activities in which other people enjoy themselves. 4. Have a flexible schedule. 5. Help people make up their minds. 6. Communicate easily, tactfully, and courteously 7. Learn about other cultures. 	Personal qualities that describe me: <ol style="list-style-type: none"> 1. Tactful 2. Self-motivated 3. Works well with others 4. Outgoing 5. Slow to anger 	School subjects that I like: <ol style="list-style-type: none"> 1. Language Arts/Speech 2. Foreign Language 3. Social Sciences 4. Marketing 5. Food Services 	Total number circled in Box 9 <input type="text"/>
Box 10	Activities that describe what I like to do: <ol style="list-style-type: none"> 1. Care about people, their needs, and their problems. 2. Participate in community service 3. Listen to other people's viewpoints. 4. Help people be at their best. 5. Work with people from preschool age to old age. 6. Think of new ways to do things. 7. Make friends with different kinds of people. 	Personal qualities that describe me: <ol style="list-style-type: none"> 1. Good communicator / good listener 2. Caring 3. Non-materialistic 4. Intuitive/logical 5. Non-judgmental 	School subjects that I like: <ol style="list-style-type: none"> 1. Language Arts 2. Psychology/Sociology 3. Family & Consumer Sciences 4. Finance 5. Foreign Language 	Total number circled in Box 10 <input type="text"/>
Box 11	Activities that describe what I like to do: <ol style="list-style-type: none"> 1. Work with computers. 2. Reason clearly & logically to solve complex problems. 3. Use machines, techniques, & processes. 4. Read technical materials & diagrams & solve technical problems. 5. Adapt to change. 6. Play video games and figure out how they work. 7. Concentrate for long periods without being distracted. 	Personal qualities that describe me: <ol style="list-style-type: none"> 1. Logical/analytical thinker 2. See details in the big picture 3. Persistent 4. Good concentration skills 5. Precise/accurate 	School subjects that I like: <ol style="list-style-type: none"> 1. Math 2. Science 3. Computer Tech 4. Communications 5. Graphic Design 	Total number circled in Box 11 <input type="text"/>
Box 12	Activities that describe what I like to do: <ol style="list-style-type: none"> 1. Work under pressure or in face of danger. 2. Make decisions based on my own observations. 3. Interact with other people. 4. Be in positions of authority. 5. Respect rules and regulations. 6. Debate and win arguments. 7. Observe/analyze peoples behavior. 	Personal qualities that describe me: <ol style="list-style-type: none"> 1. Adventurous 2. Dependable 3. Community-minded 4. Decisive 5. Optimistic 	School subjects that I like: <ol style="list-style-type: none"> 1. Language Arts 2. Psychology/Sociology 3. Government/History 4. Law Enforcement 5. First Aid/First Responder 	Total number circled in Box 12 <input type="text"/>

Box 13	Activities that describe what I like to do: <ol style="list-style-type: none"> 1. Work with my hands & learn that way. 2. Put things together. 3. Do routine, organized/accurate work. 4. Perform activities that produce tangible results. 5. Apply math to work out solutions. 6. Use hand/power tools and operate equipment/machinery. 7. Visualize objects in three dimensions from flat drawings. 	Personal qualities that describe me: <ol style="list-style-type: none"> 1. Practical 2. Observant 3. Physically active 4. Step-by-step thinker 5. Coordinated 	School subjects that I like: <ol style="list-style-type: none"> 1. Math/Geometry 2. Chemistry 3. Trade and Industry 4. Physics 5. Language Arts 	Total number circled in Box 13 <input style="width: 50px; height: 50px;" type="text"/>
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Box 14	Activities that describe what I like to do: <ol style="list-style-type: none"> 1. Shop and go to the mall. 2. Be in charge. 3. Make displays and promote ideas. 4. Give presentations/enjoy public speaking 5. Persuade people to buy products or to participate in activities. 6. Communicate my ideas to others. 7. Take advantage of opportunities to make extra money. 	Personal qualities that describe me: <ol style="list-style-type: none"> 1. Enthusiastic 2. Competitive 3. Creative 4. Self-motivated 5. Persuasive 	School subjects that I like: <ol style="list-style-type: none"> 1. Language Arts 2. Math 3. Business Education / Marketing 4. Economics 5. Computer Application 	Total number circled in Box 14 <input style="width: 50px; height: 50px;" type="text"/>
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Box 15	Activities that describe what I like to do: <ol style="list-style-type: none"> 1. Interpret formulas. 2. Find the answers to questions. 3. Work in a laboratory. 4. Figure out how things work and investigate new things. 5. Explore new technology. 6. Experiment to find the best way to do something. 7. Pay attention to details and help things be precise. 	Personal qualities that describe me: <ol style="list-style-type: none"> 1. Detail-oriented 2. Inquisitive 3. Objective 4. Methodical 5. Mechanically inclined 	School subjects that I like: <ol style="list-style-type: none"> 1. Math 2. Science 3. Drafting/Computer-aided Drafting 4. Electronics/Computer Networking 5. Technical Classes / Technology Education 	Total number circled in Box 15 <input style="width: 50px; height: 50px;" type="text"/>
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Box 16	Activities that describe what I like to do: <ol style="list-style-type: none"> 1. Travel. 2. See well and have quick reflexes. 3. Solve mechanical problems. 4. Design efficient processes. 5. Anticipate needs and prepare to meet them. 6. Drive or ride. 7. Move things from one place to another. 	Personal qualities that describe me: <ol style="list-style-type: none"> 1. Realistic 2. Mechanical 3. Coordinated 4. Observant 5. Planner 	School subjects that I like: <ol style="list-style-type: none"> 1. Math 2. Trade/Industry 3. Physical Sciences 4. Economics 5. Foreign Language 	Total number circled in Box 16 <input style="width: 50px; height: 50px;" type="text"/>
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Disclaimer: Your interests may change over time. These survey results are intended to assist you with informal career exploration. Consider more formal assessments and other resources or services to help you plan your career. This survey does not make any claims of statistical reliability.

The Sixteen Career Clusters

 <p>Agriculture, Food & Natural Resources</p>	<p>The production, processing, marketing, distribution, financing, and development of agricultural commodities and resources including food, fiber, wood products, natural resources, horticulture, and other plant and animal products/resources.</p>
 <p>Architecture & Construction</p>	<p>Careers in designing, planning, managing, building and maintaining the built environment.</p>
 <p>Arts, A/V Technology & Communications</p>	<p>Designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services.</p>
 <p>Business, Management & Administration</p>	<p>Business Management and Administration careers encompass planning, organizing, directing and evaluating business functions essential to efficient and productive business operations. Business Management and Administration career opportunities are available in every sector of the economy.</p>
 <p>Education & Training</p>	<p>Planning, managing and providing education and training services, and related learning support services.</p>
 <p>Finance</p>	<p>Planning, services for financial and investment planning, banking, insurance, and business financial management.</p>
 <p>Government & Public Administration</p>	<p>Executing governmental functions to include Governance; National Security; Foreign Service; Planning; Revenue and Taxation; Regulation; and Management and Administration at the local, state, and federal levels.</p>
 <p>Health Science</p>	<p>Planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.</p>
 <p>Hospitality & Tourism</p>	<p>Hospitality & Tourism encompasses the management, marketing and operations of restaurants and other foodservices, lodging, attractions, recreation events and travel related services.</p>
 <p>Human Services</p>	<p>Preparing individuals for employment in career pathways that relate to families and human needs.</p>
 <p>Information Technology</p>	<p>Building Linkages in IT Occupations Framework: For Entry Level, Technical, and Professional Careers Related to the Design, Development, Support and Management of Hardware, Software, Multimedia, and Systems Integration Services.</p>
 <p>Law, Public Safety, Corrections & Security</p>	<p>Planning, managing, and providing legal, public safety, protective services and homeland security, including professional and technical support services.</p>

 Manufacturing	Planning, managing and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, maintenance and manufacturing/process engineering.
 Marketing, Sales & Service	Planning, managing, and performing marketing activities to reach organizational objectives.
 Science, Technology, Engineering & Mathematics	Planning, managing, and providing scientific research and professional and technical services (e.g., physical science, social science, engineering) including laboratory and testing services, and research and development services.
 Transportation, Distribution & Logistics	Planning, management, and movement of people, materials, and goods by road, pipeline, air, rail and water and related professional and technical support services such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance.

My top three Career Clusters of interest are:

1. _____
2. _____
3. _____

For more information, check with a career counselor at your high school, career technical center, higher education institute, or one-stop career center.

FINE ARTS

CONCERT BAND - 01210

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	9, 10, 11, 12	Previous Band	1

Senior high students who participated in Watertown's or another school's band program through the eighth grade are eligible to participate in the Concert Band. Other students may audition and participate if they show the minimal proficiency necessary to be successful in this class. During the fall, emphasis is placed on marching band, while the remainder of the year is used to prepare concert music. The band prepares and performs three concerts per year, and is often asked to play on other special occasions including pep band performances at home athletic events. Membership in the band gives the student the opportunity to learn to appreciate good music through performing the finest band music available. Private lessons are available to students wishing to increase their proficiency on their chosen instrument. Related activities include: Jazz Ensemble, Solos, Ensembles, Music Contests, Orchestra, All-State Band, All-State Orchestra and All-State Jazz Band.

SYMPHONIC BAND - 01211

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	9, 10, 11, 12	Audition	1

All senior high students may audition for this select group. Selection is based on: 1) proficiency on their instrument(s), 2) need for particular instruments. During the fall, emphasis is placed on marching band, while the remainder of the year is used to prepare concert music. The band prepares and performs three concerts per year, and is often asked to play on other special occasions including pep band performances at home athletic events. Membership in the band gives the student the opportunity to learn and appreciate good music through performing the finest band music available. Private lessons are available to students who wish to increase their proficiency on their chosen instrument. Related activities include: Jazz Band, Solos, Ensembles, Music Contests, Orchestra, All-State Band, All-State Orchestra, and All-State Jazz Band.

CONCERT STRINGS - 01201

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	9, 10, 11, 12 Previous Orch. Experience	Middle School Orch. or Audition	1

Students who participated in Watertown's or another school's orchestra program through the eighth grade are eligible to participate. Other students may audition and participate if they show the minimal proficiency necessary to be successful in this class. Concert Strings is concerned with refining the fundamental string skills and developing advanced techniques. Students will also learn some basic music theory, history, and appreciation. Additional activities include All-State Orchestra, Solo and Ensemble Contest, and private or group lessons.

SYMPHONIC STRINGS - 01202

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	9, 10, 11, 12 Audition	Previous Sr. High Orchestra Experience or Audition	1

An emphasis will be placed on extending technique begun in Concert Strings as well as aesthetic interpretations of a variety of orchestral literature. Further study of music theory, history and appreciation is intended to expand the student's overall knowledge of the music performed. Additional activities include All-State Orchestra, Solo and Ensemble Contest, and private or group lessons. The symphony winds are selected from the Senior High Band by the Orchestra and Band Director and report to rehearsal as needed.

VOCAL MUSIC

All students are eligible to participate in the vocal music programs. Choral classes offered are Freshman Choir, Concert Choir, and Meistersingers. Private or group voice lessons are also offered. The student's musical ability, past experience in choir and an audition will be the determining factors for placement in a choir. Ninety percent of the course work is completed through in-class, group experience/participation. Additional activities include: All-State Chorus, Jazz Choir, Solo & Ensemble Contest, SD Honors Choirs, and singing for various school and community events. Current enrollment in a Senior High Choir is required for participation in all extra-curricular vocal activities.

FRESHMAN CHOIR - 01220

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	9	None	1

At the beginning of the Senior High School choral experience, basics of vocal production and technique will be explored. No previous choral experience is necessary. All Grade 9 students are welcome. Based on enrollment, students may be required to audition.

CONCERT CHOIR - 01221

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	10, 11, 12	Ability to match pitch and/or audition	1

Concert Choir builds on the basics learned in earlier choral experience, proper vocal production/technique, sight-singing. Concert Choir provides a non-threatening, supportive environment for the inexperienced or little experienced choral participant. Based on enrollment, students may be required to audition.

MEISTERSINGERS - 01222

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	10, 11, 12	Audition	1

“Meistersingers” is a German term used to describe “master singers” - a group, which adhered to strict rules in the writing and singing of their songs and who submitted works for competition. This WHS choral group will explore advanced level literature and upper level singing techniques. Emphasis will be placed on sight-reading, musical interpretation and competition level literature.

ADVANCED MUSIC EXPLORATION - 01223

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	10, 11, 12	1 yr prior High School Music	.5

This course is designed for students who have a special interest in music and seek a deeper knowledge of musical concepts and principles. Music topics include theory, listening and ear training, computer applications, history, and styles. Concepts learned in this class will also be valuable to students planning to continue musical studies beyond high school.

DRAMA I: Introduction to Acting and Theatre - 01301

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	9, 10, 11, 12	None	.5

Drama I is an introductory course for exploring acting through improvisation, mime, pantomime, stage and body movement, physical training such as stage combat, as well as acting theories, and voice and audition techniques culminating in preparation of a role for the stage. Additionally, students are introduced to theatre history, makeup and costume. Grades are based on classroom and stage activities and projects, as well as quizzes, tests, and written reactions.

DRAMA II: ADVANCED ACTING AND THEATRE CRAFTS - 01302

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	10, 11, 12	Drama I	.5

This class continues and builds on concepts of the Drama I class. New skills taught include advanced acting, as well as the theatre crafts of sound and light design, set design, set construction, play writing, stage direction, make-up and costume design. Mastery of all craft areas culminates in an in-class production as well as out of class productions.

DESIGN – (Previously Art I) - 01101

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	9, 10, 11, 12	None	.5

Design is an introduction to art focusing on the elements and principles of design in art, art history and art careers. Students will use a variety of materials to create projects related to the elements of art.

(Design is a prerequisite for ALL other art courses.)

PHOTOGRAPHY I- 01106

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	10, 11, 12	Design (previously Art I)	.5

This course is designed as a basic introduction to the art of photography. Emphasis will be placed on the artistic elements of photography as a medium and the importance of photography as a form of artistic expression. Use of the camera and various darkroom processes and techniques will be practiced during the quarter. It is especially recommended for students who plan to enroll in Journalism. Students will use a school-owned single lens reflex camera during this course.

PHOTOGRAPHY II- 01108

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	11, 12	Design (previously Art I) Photography I	.5

This course explores advanced techniques in black and white darkroom photography. Photography II includes traditional darkroom methods with alternative processes and technology. Must have strong skills learned in Photo I: camera operation, film development, and darkroom processing.

GRAPHIC DESIGN - 01104

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	9, 10, 11, 12	Design (previously Art I)	.5

This course provides a fundamental understanding of visual communications, including problem solving, research, and the interaction of text with images. Some areas of study include logos, business cards, posters, CD Covers, billboards, and package design. Digital photography will be included into the class to incorporate product photography in commercial design. Drawing and photography skills are helpful, but not required. The majority of this class will be working on the computer using Adobe Illustrator. This class is a two-dimensional art class.

DRAWING - 01105

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	9, 10, 11, 12	Design (previously Art I)	.5

The drawing course reviews basic drawing concepts and introduces the student to more advanced drawing techniques with special emphasis on the human figure, landscape, and still life drawing. A variety of tools and materials, along with experimental and mixed media drawing techniques will be used. Drawing is considered a **two-dimensional** art class.

PAINTING - 01107

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	9, 10, 11, 12	Design (previously Art I) Drawing	.5

This course is designed to give the student an opportunity to explore a variety of painting media and techniques. Watercolor, acrylic, oil, and pastels are the mediums that will be covered. The design elements of flat **two-dimensional** work are emphasized. Drawing is a prerequisite for painting.

POTTERY - 01102

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	9, 10, 11, 12	Design (previously Art I)	.5

The pottery course is designed to introduce the student to a variety of techniques and materials related to clay. Characteristics and historical background of clay, hand-building and wheel-thrown techniques, glazing, and firing are taught as elements of **three-dimensional** art.

SCULPTURE - 01103

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	9, 10, 11, 12	Design (previously Art I)	.5

The sculpture course will involve the student in a variety of **three-dimensional** materials such as clay, wire, found objects, card board, plaster, and more. Relief and in-the-round sculpture, along with famous sculptures and their work, will be studied in relation to the elements of design.

LANGUAGE ARTS

SPEECH I - 02201

REQUIRED	ELIGIBILITY	PREREQUISITE	CREDIT
Speech or Debate I	9	None	.5

Speech I class helps the student increase confidence and success in communication. Students learn to work in teams and listen to spoken messages. A variety of speeches are given in class which involve demonstration, information and persuasion. This class learns “real world” communication skills that are valuable to the student and future worker.

ENGLISH 9 - 02401

REQUIRED	ELIGIBILITY	PREREQUISITE	CREDIT
English 9, English 9 CP Accel or English 9 CP Accel w/Debate I	9	None	1

English 9 enhances student skills in reading, writing, and listening through the study of literature and composition. Literature units will include short stories, several novels, and plays. Grammar units include the study of the parts of speech, the parts of the sentence, correct usage, capitalization, and punctuation. Spelling and vocabulary tests will be given. Compositions will include narrative, persuasive, literary, expository, and technical papers.

ENGLISH 9 COLLEGE PREP ACCELERATED – 02403

REQUIRED	ELIGIBILITY	PREREQUISITE	CREDIT
English 9, English 9 CP Accel, or English 9 CP Accel w/Debate I	9		1

This course, which is a continuation of the eighth grade accelerated reading class, will incorporate all of the requirements for college preparation. This course is for any student who is interested in post secondary education. Literature unites will include short stories by renowned authors, mythology, several novels, and plays. Writing units include the study of formal grammar, including correct usage, clauses, and verbal. These skills are combined in the production of several formal writing assessments. Compositions will include narrative, persuasive, literary, expository, and technical papers. Spelling and vocabulary studies are stressed. **Students will be expected to work independently at a rapid pace.**

ENGLISH 9 COLLEGE PREP ACCELERATED / WITH DEBATE I – 02403/02205

REQUIRED	ELIGIBILITY	PREREQUISITE	CREDIT
English 9 English 9 CP Accel	9	Teacher Recommendation and Testing	1/.5

This course is actually two courses within three quarters. The first quarter focuses on a combination of speaking, listening, reading, and writing skills in the context of competitive policy debate, individual events, and student congress. The second two quarters are a continuation of eighth grade accelerated reading classes. Literature units will include short stories by renowned authors, mythology, several novels, and plays. Writing units include the study of formal grammar, including sentence parts, correct usage, capitalization and punctuation. These skills are combined in the production of several formal writing assessments. **Students will be expected to work independently at a rapid pace. Participation in out of class tournaments determines grade eligibility. Three tournaments are required for an A; two tournaments are required for a B; to pass the class students must attend at least one out of class tournament.**

ENGLISH 10 - 02501

REQUIRED	ELIGIBILITY	PREREQUISITE	CREDIT
English 10 English 10 CP Accel English 10 CP Accel w/ Debate II	10	English 9 English 9 CP Accel English 9 Accel w/Debate I	1

English 10 enhances student skills in reading, writing, and listening through the study of literature and composition. Literature units will include short stories, poetry, non fiction, several novels, and plays. Spelling and vocabulary tests will be given. Grammar skills are combined in the production of several formal writing assignments.

ENGLISH 10 COLLEGE PREP ACCELERATED - 02504

REQUIRED	ELIGIBILITY	PREREQUISITE	CREDIT
English 10 English 10 CP Accel English 10 CP Accel w/Debate II	10	English 9 English 9 CP Accel English 9 CP Accel w/Debate I	1

This course, which is a continuation of the ninth grade college prep accelerated reading class, will incorporate all of the requirements for college preparation. Literature units will include short stories, several novels, poetry, non fiction, and plays. Writing skills are combined in the production of several formal writing assessments. Spelling and vocabulary studies are stressed. **Students will be expected to work independently at a rapid pace. College prep accelerated English courses are recommended for all students planning post-secondary education.**

ENGLISH 10 COLLEGE PREP ACCELERATED WITH DEBATE II – 02505/02206

REQUIRED	ELIGIBILITY	PREREQUISITE	CREDIT
English 10	10	English 9	1 / .5
English 10 CP Accel		English 9 CP Accel	
English 10 CP Accel w/Debate II		English 9 CP Accel w/Debate I	

This course, which is a continuation of the ninth grade college prep accelerated English class, will incorporate and expand upon all of the requirements for college preparation. Literature units will include short stories, poetry, non fiction, several novels, and plays. Writing skills are combined in the production of several formal writing assessments. Spelling and vocabulary studies are stressed.

Students will be expected to work independently at a rapid pace. The class will also have a special focus on debate skills including research, organization, and reasoning.

Debate II is intended for college bound students who enjoyed the challenge of Debate I. The course will focus on the fundamentals of debate including research, organization, and reasoning. Individual events, including a minimum of one extemporaneous speech and one persuasive speech, and parliamentary procedure within the context of student congress will also be covered. Lincoln Douglas Debate is also an option within this course. Students will be graded on in-class work, written assignments, in-class debates, a minimum of four in-class speeches, tests, and quizzes. **Participation in at least one out of class debate and one individual events competition is required.**

ENGLISH 11 - 02601

REQUIRED	ELIGIBILITY	PREREQUISITE	CREDIT
English 11 or	11	English 9 & 10	1
English 11 CP Accel			
English 11 CP Accel American Studies			

English 11 surveys American literature from the Native Americans to the present. This course covers the basic standards for English 11. There will be several novels, plays, and short stories to demonstrate writing movements and styles of American Literature. Poetry will also be a focus of works studied. Grammar skills are combined in the production of several formal writing assignments.

ENGLISH 11 COLLEGE PREP ACCELERATED (American Studies) – 02604/08316

REQUIRED	ELIGIBILITY	PREREQUISITE	CREDIT
English 11 or	11	English 9 & 10	2
English 11 CP Accel American Studies			
English 11 CP Accel			

American Studies is an interdisciplinary course that is team-taught by three teachers. The course investigates American civilization (with emphasis on the 20th century) in history, literature, philosophy, art, and music. Students will have the opportunity to enrich their study and their grade by self-initiated projects. Students will study and hone their writing skills through several formats.

Students should be self-motivated learners and should expect daily out of class reading and work as curriculum follows the accelerated path. Special interest projects include: Immigration Day (students prepare ethnic food and become an immigrant for one day), Family Tree Project (students research their genealogy), Roaring 20's Magazine and Dinner Party (students research various aspects

of the 1920's and then come dressed in 20's attire), 1950's Project (students analyze the stereotypes created in the 1950's through television, movies, advertisements, and music.)

ENGLISH 11 COLLEGE PREP ACCELERATED - 02605

REQUIRED	ELIGIBILITY	PREREQUISITE	CREDIT
English 11 or English 11 CP Accel American Studies English 11 CP Accel	11	English 9 & 10	1

This course will prepare students for AP English and college coursework in English. As well as incorporating all the elements for college preparation, College Prep Accelerated will delve into works to discover subtleties in writers' attitudes and tones. Several novels, plays, and short stories will be read to demonstrate writing movements and styles of American Literature. Poetry will also be a focus of works studied. Six major papers, including a documented research paper, will round out the class. **This course will also cover ACT test prep. Students will be expected to work independently and at a rapid pace.**

COMPOSITION: EXPOSITORY WRITING - 02701

REQUIRED	ELIGIBILITY	PREREQUISITE	CREDIT
Composition: Professional Writing Creative Writing Expository Writing AP English (Lit./Lang.)	12	English 9, 10, & 11	.5

This course fulfills the 1/2 credit of Senior Composition requirement. It will help students learn and practice effective writing techniques appropriate for the type of writing commonly found in college. Students will study organizational and rhetorical strategies in approaching informative writing. Several papers, three or more pages in length, are required in this class. Formats include, but are not limited to: compare and contrast, process/division analysis, definition, argument, and persuasion. Topics taught in this course will include types of research, formats of research papers, methods of gathering and organizing information, and techniques of documenting sources.

COMPOSITION: PROFESSIONAL WRITING - 02702

REQUIRED	ELIGIBILITY	PREREQUISITE	CREDIT
Composition: Expository Writing Professional Writing Creative Writing AP English (Lit./Lang.)	12	English 9, 10, & 11	.5

This course fulfills the 1/2 credit of Senior Composition requirement. This writing course will explore real world writing applications. Students will create several types of writing that would/could be used in everyday work or academia. This is writing that works. It will be effective writing that is informative, professional, and technical.

COMPOSITION: CREATIVE WRITING - 02703

REQUIRED	ELIGIBILITY	PREREQUISITE	CREDIT
Composition: Expository Writing Professional Writing Creative Writing AP English (Lit./Lang.)	12	English 9, 10, & 11	.5

This course fulfills the 1/2 credit of Senior Composition requirement. This writing course explores forms and techniques of creative writing. Students should expect to journal and create original, publishable works in several genres including, but not limited to poetry, short story, and drama. Literary elements and devices will be examined in depth and will be used in these works. Finally, students will be expected to revise, edit, and work cooperatively.

AP ENGLISH LITERATURE & COMPOSITION (Fall Semester) - 02606

REQUIRED	ELIGIBILITY	PREREQUISITE	CREDIT
This course fulfills the 12 th grade Literature and Composition requirement	12	English 11 Strong in English & meet with Mrs. O'Brien prior to registering.	1

This college level Literature course will focus on preparation for the Advanced Placement Literature and Composition test. Passing this test may allow students to earn college Humanities credit in Literature. This course will engage students in the careful reading and critical analysis of literature including drama, novel, prose, and poetry. Students will write a variety of papers that would mirror a college level literature course. Grading is based on formal writing assignments, exams, and quizzes and sample AP tests and essays. **Students are required to read two novels (to be announced by the instructor) over the summer. Students will read various novels and plays during the first semester.** The AP Literature and Composition test will be available for students who wish to take it at the end of the year. The cost of the exam is approximately \$90. It is strongly suggested, but not required that students take AP English Language and Composition to increase/maintain their skill level for the exam. Many of the skills overlap with skills for the two tests. If students do not register for AP English Language and Composition, review sessions will be needed outside the school day in order to brush up on skills that will be needed for a May exam date.

AP ENGLISH LANGUAGE AND COMPOSITION (Spring Semester) - 02607

REQUIRED	ELIGIBILITY	PREREQUISITE	CREDIT
This course fulfills the 12 th grade Literature and Composition requirement	11, 12	Strong in English Meet w/ Mrs. O'Brien prior to registering.	1

This college level English course will focus on preparation for the Advanced Placement Language and Composition test. Passing this test may allow students to earn college credit for their freshman composition. This course will engage students in the careful reading and critical analysis of nonfiction works and of literature including novel, prose, poetry, and drama. Students will write a variety of papers that would mirror a college level composition course. Grading is based on formal writing assignments, exams, and quizzes and sample AP tests and essays. **Students are required to read two novels (to be announced by the instructor) over the summer. Students will read various novels, nonfiction works, and plays during the second semester.** The AP Language and Composition test will be available for students who wish to take it at the end of the year. The cost of the exam is approximately \$90. It is strongly suggested, but not required that students take AP English Literature and Composition to build a stronger background and get more practice with AP test format. Many of the skills for this Language and Composition test overlap with skills for the literature test.

COLLEGE PREP ACCELERATED ENGLISH LITERATURE - 02704

REQUIRED	ELIGIBILITY	PREREQUISITE	CREDIT
Contemporary Lit. CP Accel English Lit. and AP English (Literature or Lang.)	12	English 9, 10, & 11	.5

This course is designed for college bound seniors to provide the foundation needed to succeed in typical college literature survey courses. English Literature's tradition pre-dates the founding of the American colonies by centuries. This course will study the heroes and monsters, the humor and tragedy, the imaginative and the satirical in that grand tradition. Students will discover at the historical, social, and cultural backdrop that shaped the literature of Great Britain. This course fulfills the ½ credit of 12th grade Literature requirement.

CONTEMPORARY LITERATURE - 02708

REQUIRED	ELIGIBILITY	PREREQUISITE	CREDIT
Contemporary Lit CP Accel English Lit AP English (Lit./Lang.)	12	English 9, 10, & 11	.5

Students taking this course will be studying literature from our time. The course will feature themes in current literature from diverse cultures and focus on reading skills. Students will read interesting short stories, novels, and poetry. This course fulfills the ½ credit of 12th grade Literature requirement.

JOURNALISM I - 02301

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	10, 11, 12	English 9	.5

This course provides experiences in writing news stories, feature stories, and opinion articles. Students learn how to conduct interviews and express themselves in a concise style. Writing which is objective and factual will be emphasized. Students will practice gathering information and other's opinions in proper journalistic style. Time will be spent learning journalistic grammar. Deadlines are strictly enforced. Students may contribute to the publication of the *Purple and Gold* school newspaper. **This course does not count toward Senior English requirement.**

JOURNALISM II - 02302

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	10, 11, 12	Journalism I	.5

Students will apply writing techniques and editing, organization, and communication skills to the production of the school newspaper, the *Purple and Gold*. The course requires a significant degree of independence and initiative on the part of the student as well as strong computer skills. In Design skills will be taught, leadership skills are required. Class members write at least 10 stories per quarter with additional editing and layout duties. The importance of deadlines is emphasized and strictly enforced. **This course does not count toward Senior English requirement.**

JOURNALISM III - 02303

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	11, 12	Journalism II	.5

This course is offered to students who have successfully completed Journalism I and II with a B average or with the permission of the instructor. Students will focus on editing other student writing, layout and design of the newspaper and advanced investigative reporting. Strong organizational, writing, computer (In Design skills a must), and leadership skills are required. Students will use imovie to create profiles about themselves. They will also serve as mentors for Journalism I and II students and will plan, organize, and edit the *Purple and Gold*. **This course does not count toward Senior English requirement.**

DEBATE III/TECHNICAL READING – 02207/02705

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	11	English 10 CP Acc Debate II	.5/.5 elective

This course is intended for college bound students who wish to enhance their forensic skills in research, reasoning, organization fundamentals, strategies, questioning, listening, note taking, and delivery of ideas. Grades are based upon daily on-task activities, and meeting improvement goals as measured by contests and practices. A special emphasis will be placed on content area technical reading on current debate topics and resolutions. **Students must sign up for both Debate III and Technical Reading.**

DEBATE IV/COMPOSITION: Advanced Speech – 02209/02710

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	11, 12	English 10 CP Accel Debate II	.5 elective – Debate IV .5 required – Adv Speech

This course fulfills 1/2 credit of the English Composition credit. This course is intended for college-bound students who wish to enhance their debate skills in research, reasoning, organization fundamentals, strategies, questioning, listening, note taking, and delivery of ideas. Grades are based upon daily on-task activities, and meeting improvement goals as measured by practices and contests. A special emphasis will be placed on research based writing, including a full research paper. **Students must sign up for both Debate IV and Composition: Advanced Speech.**

ORAL INTERPRETATION - 02208

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	9-12	None	.5

Oral Interpretation is a course designed to introduce students to the art of interpreting various forms of literature and to enhance presentational skills through practice and delivery. Forms of literature featured in oral interp include prose, poetry, drama, non-original oratory, humor, reader's theater, and dramatic duo. Students will prepare cuttings from literature they select with emphasis on reading aloud for artistic expression. After preparation of the cutting, students will perform and be critiqued by teacher and peers on the merits of performance. Students who enjoy reading and speech or theater performance are encouraged to register. Participation in one speech contest is required with additional contests available.

ENGLISH LANGUAGE LEARNER (ELL) STUDY SKILLS – EL200

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	9-12	ELL Student	1 - 3

Students may enroll in this course if they have been identified as an English Language Learner (ELL). The English Language Proficiency (ELP) Standards guide the English language development goals for ELL students as they move through levels of English proficiency in listening, speaking, reading, and writing. ELL students will be instructed and assessed in the ELP Standards on a daily basis. Each year, ELL students will be assessed for proficiency in these standards. ELL students may enroll in this class as long as they are assessed and identified at the emergent, basic, or intermediate level. Throughout the class, students will engage in many facets of the English language. They will participate in learning new vocabulary in conversational language as well as in other content areas. The students will read classic or modern novels based on their level of English. The students will study literary devices, the elements of literature, and work on comprehension skills. The student will also work on grammar and writing skills while continually reviewing the parts of speech. Development of oral interpretation skills will also be an important part of this class. Students may earn one credit per year for this class and may not earn more than three elective credits from this class during their years at WHS.

FOREIGN LANGUAGE

SPANISH I - 03101

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	9, 10, 11, 12	"C" or better in Language Arts is recommended	1

Spanish I introduce students to the language and culture of Spanish speaking countries throughout the world. Students learn basic vocabulary and grammar for everyday situations by working with texts and dialogues interesting to today's teens. Many extra classroom activities provide variety and enhance learning. Using the four basic communication skills of listening, speaking, reading, and writing, students receive a solid groundwork in the language, which prepares them for Spanish II, and an appreciation of the Spanish lifestyle and culture.

SPANISH II - 03102

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	9, 10, 11, 12	Spanish I "C" or better is recommended	1

Spanish II students continue to develop their proficiency in the three modes of communicative competence: interacting with other students in Spanish; understanding oral and written messages in Spanish; and making oral and written presentations in Spanish. Students begin to show a greater level of accuracy when using basic language structures and are exposed to more complex aspects of the Spanish language. They continue to focus on communicating about their immediate world and daily life activities. Students read material on familiar topics and write short, directed compositions. Each unit test includes a listening, reading, writing, and speaking portion. Students are encouraged to use Spanish in the classroom.

SPANISH III - 03103

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	10, 11, 12	Spanish II "C" or better is recommended	1

In Spanish III, students continue to develop their proficiency in the three modes of communicative competence: interacting with other speakers of Spanish, understanding oral and written messages in Spanish, and making oral and written presentations in Spanish. They communicate using more complex structures in Spanish on a variety of topics, moving from concrete to more abstract concepts. They comprehend the main ideas of the authentic materials that they read and hear and are able to identify significant details when the topics are familiar. Assessment includes speaking, listening, reading, and writing. Spanish is used almost exclusively in class.

SPANISH IV - 03104

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	10, 11, 12	Spanish III “C” or better recommended	1

Students will learn, review, and use correctly all verb tenses in Spanish in listening, speaking, reading, and writing. There will be weekly vocabulary lists. Students will prepare and present projects in Spanish to their classmates. Paired activities and class competitions will be used to review vocabulary and verb tenses. There will be an introduction to literature where they will learn about the authors and how to read Spanish literature. Students will use the language laboratory to listen to short dialogs and presentations and then answer questions on them. Students will follow the plots of Spanish-language television shows and movies and understand the main ideas in character dialogues. Spanish culture and traditions will be compared and contrasted.

AP SPANISH - 03105

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	11, 12	Strong in Spanish IV Meet w/Mrs. Kolb prior to registration	1

AP Spanish, a one-semester class is a college-level course open to students who have successfully completed four levels of Spanish. The activities of reading, writing, speaking, listening, and culture closely parallel the Spanish IV course. The level of proficiency will be accelerated and more literature will be included. Grading will be based on oral presentations, formal writing assignments, daily work, tests, and projects. The AP Spanish test will be available and students will be encouraged to take it in May. The cost of the exam is approximately \$90.

GERMAN I - 03201

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	9, 10, 11, 12	“C” or better in Language Arts is recommended	1

In German I we want to learn to listen, to speak, to read, and to write in the language. Videos will help us accomplish that. We use CDs and Quia games too. Topics include eating food, shopping for clothes, celebrating holidays, hanging out with friends, discussing your opinions, talking about pastimes, and dealing with school. So prepare for careers in science; law; international business; writing, music and other arts; telecommunications; etc. while absorbing *deutsche Kultur*! Remember too that success in German can lead to participating in the German-American Partnership Program student exchange as a sophomore, junior, or senior.

GERMAN II - 03202

ELECTIVE	ELIGIBILITY 9, 10, 11, 12	PREREQUISITE German I "C" or better is recommended	CREDIT 1
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German II students continue to develop their proficiency in the three modes of communicative competence: interacting with other speakers of German, understanding oral and written messages in German, and making oral and written presentations in German. They begin to show greater level of accuracy when using basic language structures and are exposed to more complex features of the German language. They continue to focus on communicating about their immediate world and daily life activities. They read material on familiar topics. Emphasis continues to be placed on the use of German in the classroom as well as on the use of authentic materials to learn about the culture.

GERMAN III - 03203

ELECTIVE	ELIGIBILITY 10, 11, 12	PREREQUISITE German II "C" or better is recommended	CREDIT 1
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In German III, students continue to develop their proficiency in the three modes of communicative competence: interacting with other speakers of German, understanding oral and written messages in German, and making oral and written presentations in German. They communicate using more complex structures in German on a variety of topics, moving from concrete to more abstract concepts. They comprehend the main ideas of the authentic materials that they read and hear and are able to identify significant details when the topics are familiar.

GERMAN IV - 03204

ELECTIVE	ELIGIBILITY 10, 11, 12	PREREQUISITE German III "C" or better recommended	CREDIT 1
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In German IV, students continue to develop their proficiency in the three modes of communicative competence: interacting with other German speakers, understanding oral and written messages in German, and making oral and written presentations in German. They are able to exchange and support opinions on a variety of topics related to contemporary and historical events and issues. They comprehend spoken and written German texts from a variety of authentic sources as well as produce compositions containing well-developed ideas on various topics. Students use German to access information in other subject areas and to compare and contrast cultural elements of countries where German is spoken with their own.

AP GERMAN - 03205

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	11, 12	German IV Meet with Mr. Thomas prior to registration	1

The Advanced Placement German Language course is the equivalent of a third year college course in advanced German composition and conversation. It encompasses aural/oral skills, reading comprehension, grammar, and composition. The course will emphasize the use of German for active communication and has the following objectives: the ability to comprehend formal and informal spoken German, the acquisition of vocabulary and a grasp of language structure to allow the easy, accurate reading of newspaper and magazine articles, as well as modern literature in German, the ability to compose expository passages, and the ability to express ideas orally with accuracy and fluency. This course prepares students for the German language Advanced Placement Exam as well as other college/university placement exams. Cost of AP exam is approximately \$90.

Introduction to WHS Mathematics Curriculum

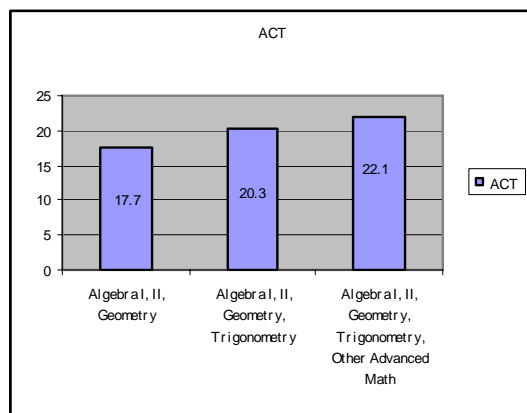
The recommendations that follow are based on the recently published Board of Regents Report and data from statewide ACT scores for the past 10 years. Parents and students are reminded that while 3 credits of math are required for graduation, these are minimum expectations. The Board of Regents recommends 4 credits of math, including Algebra I or higher. Taking more math courses, and taking these at rigorous levels has been shown to correspond to higher ACT math and composite scores. Students that take four credits or more of math that include Geometry, Algebra II, Trigonometry, and Calculus have shown significantly higher ACT scores and greater success in college and technical school.

Students intending to pursue post high school education at colleges, university, and technical schools are encouraged to take one math course each year. More courses can be taken with careful planning. **It is recommended to take math your senior year.**

Students preparing for math related, engineering, or pre-professional programs at college and those with strong math aptitude are advised to follow the AP prep sequence in the math curriculum. These courses provide a challenging pace and depth to prepare students for related courses at the college level.

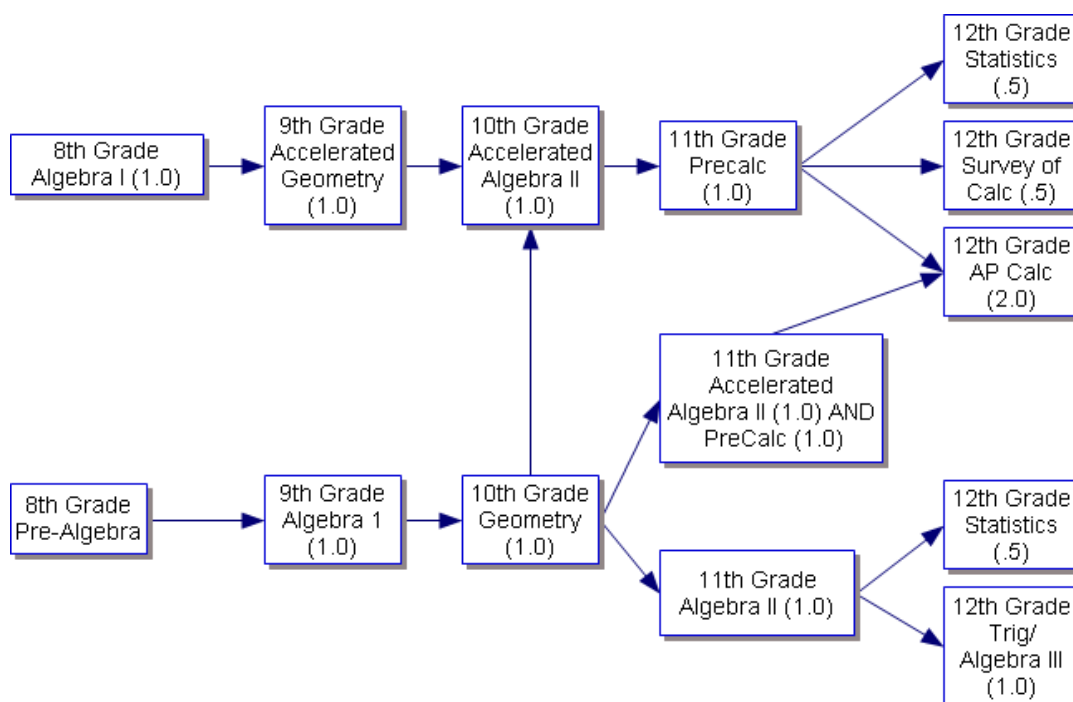
It is important to remember that mathematics courses by nature are sequential. Refer to the flow chart that follows this page to locate your course sequence and follow it through the chart. Prerequisite courses are not suggestions; they are the foundation students will need to be successful in the next course. Because each course builds on the foundation of the other, students need to maintain high grades in each prerequisite course they take.

The mathematics teachers and counselors encourage you to visit with them about any questions you may encounter when planning your mathematics coursework.

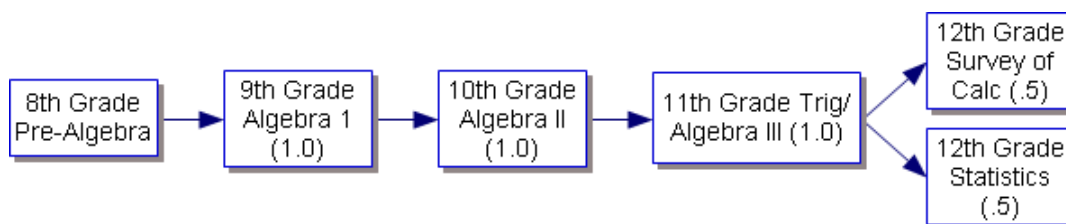


Students who took Trigonometry in addition to Algebra I & II & Geometry outscored those who took just the three core courses by 2.6 points on the ACT Assessment Mathematics Test. See graph above.

Math Courses at WHS



Starting with the 9th graders in the Fall of 2011 (Class of 2014), students may choose to follow a path like the flowchart below. They will have the option to waiver out of Geometry or Algebra II for another rigorous math course. This option requires that student, parent, counselor or administrator agree to the decision and the waiver document is placed in the student's file. The course change must be documented in the student's Personal Learning Plan. **It is recommended that students completing Alg I in 8th grade continue on the accelerated path and not choose to waiver out of a math class.**



- It is strongly recommended that students have a grade of “A” or “B” in prerequisite accelerated classes.
- Students may take Statistics any time after Algebra II or Geometry.
- Students may NOT take more than one math credit per year until the junior year.
- The Board of Regents recommends 4 credits of math, including Algebra I or higher.
- It is recommended that students take math during the senior year.

MATHEMATICS

ALGEBRA I - 04301

SATISFIES ONE MATH REQUIREMENT	ELIGIBILITY	PREREQUISITE 8th Grade Pre-Algebra	CREDIT 1
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Algebra I is concerned with strengthening mathematical operations with literal numbers. Topics include an introduction of basic algebraic skills emphasizing signed numbers, equations, algebraic fractions, and simplifying algebraic expressions. Students will learn to understand mathematical concepts through real-world problem scenarios.

GEOMETRY - 04401

SATISFIES ONE MATH REQUIREMENT	ELIGIBILITY	PREREQUISITE Algebra I	CREDIT 1
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A study of plane and solid geometry figures including parallelism, congruency, similarity, area, volume, coordinate geometry. Deductive reasoning and problem solving will be emphasized in the development of properties.

ALGEBRA II - 04501

SATISFIES ONE MATH REQUIREMENT	ELIGIBILITY	PREREQUISITE Algebra I	CREDIT 1
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Algebra II reviews and extends the concepts and skills introduced in Algebra I. Additional topics will include sequences, series, probability, statistics, and solving quadratic equations.

TRIGONOMETRY WITH ALGEBRA III - 04505

ELECTIVE	ELIGIBILITY	PREREQUISITE Algebra II	CREDIT 1
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Trigonometry is the study of a set of periodic functions defined by means of a unit circle. These functions are useful as models for many different kinds of practical situations in physics, calculus, engineering and other math oriented areas. In addition to the trig functions, this course will study several other classes of functions.

It is strongly recommended that students have a grade of “A” or “B” in prerequisite accelerated classes.

ACCELERATED GEOMETRY - 04402

SATISFIES	ELIGIBILITY	PREREQUISITE	CREDIT
ONE MATH REQUIREMENT		Algebra I in 8th Grade Grade of "A" or "B" recommended	1

Accelerated Geometry emphasizes deductive reasoning to arrive at properties of geometry in a logical sequence. This is the second course in the Advanced Placement sequence. Formal proofs are used in the development of many properties and problem solving. Areas of study will include properties of plane and solid geometry figures, parallelism, congruency, similarity, area, volume, coordinate geometry, right triangle trigonometry, and transformational geometry.

ACCELERATED ALGEBRA II - 04502

SATISFIES	ELIGIBILITY	PREREQUISITE	CREDIT
ONE MATH REQUIREMENT		Accel Geom. or Geometry.	1

The pace and depth of topics in this course will be challenging. A strong math aptitude and work ethic are needed to be successful. Topics covered include polynomial, exponential, rational, trig and inverse functions, sequences, series, conic sections, probability, systems of equations and inequalities, powers and roots.

SURVEY OF CALCULUS - 04706

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
		Precalc or Trig and Alg. III	.5

Calculus is the mathematics of change and motion. It provides methods for finding the rate at which a variable quantity is changing and for finding a function when its rate of change is given. This course will provide an overview of some topics in differential and integral calculus.

STATISTICS - 04601

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
		Algebra II or Geometry	.5

Statistics is the collection, interpretation, and presentation of numerical data. This upper level math course will focus on data analysis, a critical study by which information is extracted from data. Students will work with data through assignments, graphical displays, and computer simulations. Topics of study includes frequency distribution, measures of location, measures of variation, probability, distribution, standard deviation, analysis of variance, regression, and correlation.

PRECALCULUS (ACCELERATED) - 04701

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
		Accel Algebra II	1

This course is the fourth course in the Advanced Placement Sequence. It will include the study of circular functions and full treatment of trigonometric functions. Topics will include solution of triangles, vectors with applications, polar coordinates, complex numbers, matrix operations. Students will be required to memorize the unit circle and the basic identities associated with circular and trigonometric functions. Six basic types of functions will be studied and graphed (polynomial, rational, algebraic, exponential, logarithmic, and trigonometric.) The conic sections will be studied including translation and rotation of axes.

AP CALCULUS - 04704

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
		Precalculus	2
Meet with Mrs. Florey prior to registration			

Calculus is the mathematics of change and of motion. This course will include Differential and Integral Calculus. Derivatives of functions (polynomial, rational, algebraic, trigonometric, and transcendental) will be studied rigorously using the limit concept of derivatives. Integral Calculus will include measuring areas between curves, the length of a curved line, volumes of solids of revolution, and various other techniques and applications of integration. Additional topics may include polar and vector functions, sequences and series. Students successfully completing this course should be capable of taking the Calculus (AP) Advanced Placement Test to obtain college credit, up to 8 credits. Students will need to obtain a teacher recommendation form. The cost of exam is approximately \$90.

COMPUTER SCIENCE

COMPUTER APPLICATIONS - 05101

SATISFIES COMP. REQUIREMENT	ELIGIBILITY	PREREQUISITE	CREDIT
	9	None	.5

This course satisfies the state's computer literacy requirement. It will expose the student to the applications of the iWorks package, including word processing, spreadsheet, presentation, and publishing templates. In addition to the iWorks package, student will be exposed to the iLife package, which consists of movie making, photo slideshows, creating music and web page design. In the realm of the internet, students will learn how to effectively use Web 2.0 tools and implement ethical and safe use of the internet, including copyright policies. The intent of the class is introductory. Each student will be expected to demonstrate mastery of the outcomes listed in each of the software areas. Assessment will be in the form of project based outcomes and presentation communications.

ADVANCED COMPUTER APPLICATIONS – 05203

SATISFIES COMP. REQUIREMENT	ELIGIBILITY	PREREQUISITE	CREDIT
	10, 11, 12	Computer Applications	1

A technology class that uses advanced computer applications, including the Microsoft Office Suite, Macromedia Fireworks, and Visual Basic programming. You will learn to integrate applications in the Office Suite, manipulate digital media, and an introduction to computer programming using Visual Basic.

ELECTRONIC PUBLISHING I - 05400

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	10, 11, 12	Computer Application with a "B" or better is recommended	1

In this fast paced learning environment, students will be introduced to the vast world of multimedia production. Students will learn the technical side of video production through the use of industry standard Adobe Production Studio CS3. Students will first learn standards in image manipulate, which will include a strong understanding of Photoshop CS3 and production. Photoshop will be followed by extensive training in video production hardware and software. Software includes Premiere for video production, After Effects for video animation, Soundbooth and Audacity for audio editing and Fruit Loops for music creation. Students will assist in live school event broadcasts and create green screen projects, digital puppet animations, broadcast animations, and a final digital video, which will include the creation of DVDs and Flash websites.

ELECTRONIC PUBLISHING II - 05401

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	11, 12	Electronic Publishing I with a "B" or better is recommended	1

This course will take the skills learned in Electronic Publishing I and expand them for more professional applications. The emphasis will be creating dynamic Internet content through the use of new and previously learned software with core development in Adobe Flash CS3 and Dreamweaver. Students will create an animated cartoon series and website in Flash CS3. Students will create a real functional online portfolio, which will include the use of all software learned during their time spent in Electronic Publishing. Live school activity broadcasts and development of school district technology projects will also be completed during this semester class.

AP COMPUTER SCIENCE - 05500

SATISFIES	ELIGIBILITY	PREREQUISITE	CREDIT
COMP REQUIRE	10, 11, 12	Adv. Computer Applications A strong math history, and teacher recommendation	1

This is a course in computer science equivalent to a first semester college level course. Because the development of computer programs to solve problems is a skill fundamental to the study of computer science, a large part of the course is built around the development of computer programs, or parts of programs, that correctly solve a given problem. The course will also emphasize the design issues that make programs understandable, adaptable, and when appropriate, reusable. Students will learn the development and use of fundamental data structures, and the study of standard algorithms and typical applications. The students may take the Computer Science AP exam in the spring. Cost of the exam is approximately \$90.

PHYSICAL EDUCATION

HEALTH/WELLNESS - 06105

REQUIRED	ELIGIBILITY	PREREQUISITE	CREDIT
	9, 10, 11, 12	None	.5

This required health course meets the needs of today's youth by focusing on teen health issues. This course will cover a variety of current health topics pertinent to our teen population and will promote the skill of making positive lifestyle choices. Through educational activities, class discussions, projects, and guest speakers, our students are encouraged to make wise health decisions now and in the future. Physical activities will also be incorporated into this class to promote physical fitness.

BEGINNING STRENGTH AND FITNESS TRAINING - 06106

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	9, 10, 11, 12	None	.5

This is an elective course designed for students who have a sincere desire to improve their physical fitness through strength training. This will be accomplished through weight training and other work out activities and discussions. Fitness components will be a part of the daily requirement. An individual program will be developed and used by each student.

ADVANCED STRENGTH AND FITNESS TRAINING - 06107

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	9, 10, 11, 12	Beginning Strength and Fitness or Beginning Strength & Fitness for Women	.5

This course is designed for students who wish to continue the individual programs that were started in Beginning Strength and Fitness Training. A variety of training styles for experienced students will be presented. Additional "power lifts" will be included when appropriate. Fitness components will be a part of the daily requirement.

BEGINNING STRENGTH AND FITNESS TRAINING FOR WOMEN - 06108

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	9, 10, 11, 12	None	.5

This is an elective course designed for women who have a sincere desire to improve their physical fitness through strength training. This will be accomplished through weight training and other workout activities and discussions. An individual program will be developed and used by each student.

LIFETIME SPORTS - 06109

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	9, 10, 11, 12	None	.5

This course is designed to give the students a wide variety of activities that they can use throughout their lifetime. It will explore both team and individual recreational activities. Fitness components will be a part of the daily requirement.

ADVANCED LIFETIME SPORTS - 06111

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	9, 10, 11, 12	None	.5

This course will provide students a chance to be physically active during the day. This course is a combination of fitness and core exercises combined with individual, team and recreational sports.

INTRODUCTION to WHS SCIENCE CURRICULUM

The following suggestions are intended to help you choose science courses that best fit your future education and career needs.

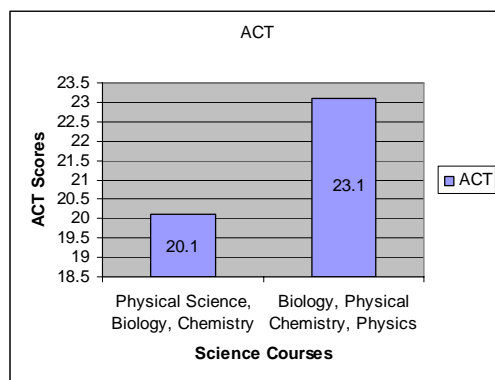
- I. If you are intent on attending college, you must prepare yourself with the core or advanced high school science standards. After completing Biology & Physical Science you should select one full credit of Chemistry or Physics. If a science major is in your future, you should plan carefully so that you can include rigorous sciences, advanced math, and AP Biology or AP Environmental classes in your high school curriculum.

ACT and SAT scores will reflect your years of intense effort and rigor. Those who score high on ACT/SAT tests are those who remain focused on high goals for all four years of high school.

- II. If your plans include any science related programs at technical institutes, you must be aware that admissions expectations at many technical institutes are as high, and in some instances higher than some college admissions standards. Many science and math related technical programs have become quite selective in the quality of student they accept. Be sure you plan ahead to include challenging advanced science and math courses suited to your technical career plans.
- III. If you know that science related courses will not be a significant part of your post-high school education or career, then choose science courses in which you have some interest. Please keep in mind that all science courses are designed to make you better analytical thinkers and problem solvers. We hope to graduate young adults with enough scientific literacy to make wise choices as taxpayers, voters, and parents.

If you need help planning your science courses, please visit with a counselor or a teacher in the science department.

According to the Watertown Board of Education graduation requirement for science, a student must successfully complete 3 credits.



Students who took Physical Science, Biology, Chemistry, and Physics outscored those who took Physical Science, Biology, and Chemistry by a full 3 points on the ACT Assessment Science test. See above graph.

9TH GRADE

10TH GRADE

11TH GRADE

12TH GRADE

PHYSICAL
SCIENCE

BIOLOGY and
CHEMISTRY
(with teacher
recommendation)

CHEMISTRY
PHYSICS
AP BIOLOGY
AP ENVIRONMENTAL
AP CHEMISTRY

CHEMISTRY PHYSICS
AP BIOLOGY
AP ENVIRONMENTAL
AP CHEMISTRY

BIOLOGY

PHYSICAL
SCIENCE
and
CHEMISTRY
(with teacher
recommendation)

CHEMISTRY
PHYSICS
AP BIOLOGY
AP ENVIRONMENTAL
AP CHEMISTRY

CHEMISTRY
PHYSICS
AP BIOLOGY
AP ENVIRONMENTAL
AP CHEMISTRY

FUNDAMENTALS
OF BIOLOGY
(with teacher
recommendation)

FUNDAMENTALS
OF PHYSICAL
SCIENCE
(with teacher
recommendation)

FUNDAMENTALS
OF CHEMISTRY
(with teacher
recommendation)

SCIENCE

BIOLOGY - 07201

REQUIRED	ELIGIBILITY	PREREQUISITE	CREDIT
	9, 10	None	1

Students will investigate the chemistry of living organisms; plant and animal cells; cellular transport mechanisms; molecular and human genetics; taxonomy of living organisms and ecology and environmental issues.

FUNDAMENTALS OF BIOLOGY -07200

REQUIRED	ELIGIBILITY	PREREQUISITE	CREDIT
	9, 10	Teacher recommendation	1

Students will investigate the chemistry of living organisms; plant and animal cells; cellular transport mechanisms; molecular and human genetics; the structure and function of major systems within the human body; taxonomy of living organisms and ecology and environmental issues. **This course is an alternative science course for students whose needs cannot be met in the regular biology course. This one credit course must be recommended by a teacher and meets one of the lab science requirements for high school graduation, but does not meet college entrance requirements.**

PHYSICAL SCIENCE - 07101

REQUIRED	ELIGIBILITY	PREREQUISITE	CREDIT
	9, 10	Algebra I	1

Topics of this class include the physical and chemical properties of matter and how these are used to form the basic layout of the periodic table of elements. The parts of the atom will be studied and applied to how elements form compounds and how these compounds react. This course will also investigate light waves, sound waves, energy changes, electricity and magnetism, motion and forces, work, power, and machines. **This course is a prerequisite to all Chemistry and Physics Courses.**

FUNDAMENTALS OF PHYSICAL SCIENCE -07100

REQUIRED	ELIGIBILITY	PREREQUISITE	CREDIT
	10	Algebra I & recommendation by teacher	1

Topics of this class include the physical and chemical properties of matter and how these are used to form the basic layout of the periodic table of elements. The parts of the atom will be studied and applied to how elements form compounds and how these compounds react. This course will also investigate light waves and vision; sound waves and hearing; energy changes; electricity and magnetism and how motions and forces of objects can be applied to various sports. This course is an alternative science course for students whose needs cannot be met in the regular physical science course. This one credit course must be recommended by a teacher and meets one of the lab science requirements for high school graduation, but does not meet college entrance requirements.

GENERAL CHEMISTRY - 07301

REQUIRED	ELIGIBILITY	PREREQUISITE	CREDIT
	10, 11, 12,	"C" or better in Alg I and Physical Science recommended	1

This course studies the structure of atoms, formation of compounds, and mathematical relationships involved in chemical reactions. You will also study reactions, which occur in gases of the atmosphere and solutions of aquatic environments. Students taking this course need a strong mathematical background. This course is presented in the traditional classroom/lab setting and is recommended for anyone pursuing careers in the science field including engineering, technology, health, medicine, agriculture, or natural resources. This course meets the high school graduation requirements for the advanced or distinguished pathways. **You must complete this course before taking AP Biology.**

INVESTIGATIVE CHEMISTRY - 07302

REQUIRED	ELIGIBILITY	PREREQUISITE	CREDIT
	10,11, 12	Alg I and Physical Science	1

This course studies the structure of atoms, formation of compounds, and mathematical relationships involved in chemical reactions. You will also study reactions, which occur in gases of the atmosphere and solutions of aquatic environments. This course is project-based, hands-on, and investigates Chemistry in everyday life. This course meets the high school graduation requirements for the advanced or distinguished pathways.

Credit cannot be earned for both General Chemistry and Investigative Chemistry.

FUNDAMENTALS OF CHEMISTRY - 07300

REQUIRED	ELIGIBILITY	PREREQUISITE	CREDIT
	10,11, 12	Physical Science & Recommendation by teacher	1

This course studies the structure of atoms, formation of compounds, and mathematical relationships involving chemical reactions. You will also study reactions which occur in gases of the atmosphere and solutions of aquatic environments. **This course is an alternative science course for students whose needs cannot be met in the regular chemistry course. This one credit course must be recommended by a teacher and meets one of the lab science requirements for high school graduation, but does not meet college entrance requirements.**

PHYSICS - 07400

REQUIRED	ELIGIBILITY	PREREQUISITE	CREDIT
	11, 12	Algebra II Physical Science	1

This college-prep course will study the motion of objects, including velocity and acceleration, along straight and curved paths. It will also investigate the interaction of objects in relation to collisions and forces such as gravitational fields. In addition, different forms of energy (heat, light, sound) will be studied as well as how energy is transferred and conserved. This course is recommended for anyone pursuing careers in vehicle or equipment operation and repair, construction, engineering and technology, or health and medicine. Students taking this course should have a good background in math.

AP CHEMISTRY (ON-LINE APEX COURSE) - 07305

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	12	Chemistry, Algebra II, & Visit with Mrs. Tetzlaff before registering	2

AP Chemistry builds students' understanding of the nature and reactivity of matter. After studying the structure of atoms, molecules, and ions, students move on to solve quantitative chemical problems and explore how molecular structure relates to chemical and physical properties. Students will examine the molecular composition of common substances and learn to predictably transform them through chemical reactions. AP Chemistry prepares students for the AP Exam. The content aligns to the scope and sequences specified by the College Board. **Students who enroll in this class are strongly encouraged to register for a directed study.** This will assist them with the rigor and time requirements of the course.

AP BIOLOGY - 07215

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	11, 12	1 Credit of Chemistry Algebra I High interest in Science	2

Visit w/Mrs. Andrus before registering

AP Biology is designed to be the equivalent of a two-semester college introductory biology course. AP Biology covers material outlined by College Board standards. Topics taught include Molecules, Cells, Chemistry of Life, Heredity, Molecular Genetics, Evolutionary Biology, Diversity of Life, Plant/Animal/Human Physiology & Anatomy, and Ecology. AP Biology uses lab experiences designed to correlate with the topics taught.

AP courses challenge students at a high level of thinking and faster pace. Success in this course depends on your commitment to working hard. Students taking AP Biology should read at, or above, 11th grade level, write well, and be reflective thinkers. College Board AP Biology exams will be given in May to any student wishing to take the exam. Cost of the exam will be approximately \$90.00. **College credit can be earned by passing this test.** Some colleges will give 8 semester hours or credit for earning a score of 4 or 5 on this test.

AP ENVIRONMENTAL SCIENCE - 07210

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	11, 12	1 Credit of Chemistry Algebra I, Biology	1

Visit w/Mr. Reidburn before registering

This 1 credit course will cover major environmental topics such as Earth systems and resources, the living world, populations, land and water use, energy resources and consumptions, pollution, and global changes. This class is recommended for students who are interested in zoology, botany, agriculture and natural resource studies, natural sciences, environmental conservation, environmental engineering or civil engineering. AP Environmental Science uses lab experiences and field investigations to allow students to learn about the environment in “real-world” settings. A College Board AP exam will be given in May. **College credit can be earned by passing this test.** Cost of the exam will be approximately \$90.00

SOCIAL SCIENCES

WORLD GEOGRAPHY - 08101

REQUIRED	ELIGIBILITY	PREREQUISITE	CREDIT
	9	None	1

This class will study different regions of the world. Students will learn where countries and people are located, what makes each place different, how and why people, resources, and ideas move from place to place, and the many different ways humans use and influence the environment.

WORLD HISTORY - 08201

REQUIRED	ELIGIBILITY	PREREQUISITE	CREDIT
	10	None	1

In this course, the student will study major world events from the rise of Islam through the post World War II era. While the focus of this course will be on Western Civilization, the students will also learn about important events in Asia, Africa, South America, and Canada. The student will also study and discuss local, state, national and international current events.

ACCELERATED WORLD HISTORY - 08203

REQUIRED	ELIGIBILITY	PREREQUISITE	CREDIT
	10	"B" Average in World Geography recommended	1

Analyze and understand major historical events and concepts from the rise of Islam through the post World War II era. In addition to using the text, the students will learn about history through the use of primary and secondary sources and through select historical novels. Evaluation of learning will be based on essay tests and short papers. In this course, the student will also study and discuss local, state, national and international current events.

US HISTORY - 08304

REQUIRED	ELIGIBILITY	PREREQUISITE	CREDIT
	11	None	1

US History begins with a review of events from the post-Civil War era to the beginning of the 20th century but most thoroughly explores the period from the rise of labor unions in America to the present.

AP U.S. HISTORY – 08310

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
Fulfills U. S. History Requirement	11, 12	Junior's - Accel World History Recommended for those w/strong interest in history Meet with instructor (Mr. Iverson #206) And complete one reading assignment prior to registering	2

This course will focus on preparation for the national Advanced Placement (AP) U.S. History Test. The objective of this course is to increase the student's understanding of United States history from discovery to the present with the goal of having each student pass the AP examination. The areas of concentration include historical, political and economic history coupled with an intense study of cultural and intellectual institutions and their development. The major difference between a high school and AP course is the amount of reading and writing. This course will stress the "why and how" things happen as well as the consequences of actions in U.S. history. Grading is based on multiple-choice tests, essay tests, research projects, simulations, essay papers, debates, and class participation. To experience success students will need to have a love of history, be self-motivated and a good reader. The national AP U.S. History Test will be available for students who wish to take it at the end of the year. Cost for taking the AP test is \$90.00. **This full-year course satisfies the U. S. History requirement for the junior year. Taking AP U.S. History as a senior satisfies Junior U. S. History Requirements.**

US HISTORY COLLEGE PREP ACCELERATED (American Studies) – 08316/02604

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
Fulfills U. S. Hist/ English 11 requirement	11	Strong Academic Interest	2

American Studies is an interdisciplinary course that is team-taught by three teachers. The course investigates American civilization (with emphasis on the 20th century) in history, literature, philosophy, art, and music. Students will have the opportunity to enrich their study and their grade by self-initiated projects and extra credit. Students will study and hone their writing skills through several formats. **Students should be self-motivated learners and should expect daily out of class reading and work as curriculum follows the accelerated path.** Special interest projects include: Immigration Day (students prepare ethnic food and become an immigrant for one day), Roaring 20s Magazine and Dinner Party (students research various aspects of the 1920's and then come dressed in 20's attire), 1950's Project (students analyze the stereotypes created in the 1950's through television, movies, advertisements, and music), and 60's Day (students present 60's power points and come dressed in 60's attire).

U.S. GOVERNMENT - 08401

REQUIRED	ELIGIBILITY	PREREQUISITE	CREDIT
	12	None	.5

Preparation for responsible citizenship in a democracy is the goal of this required course. Upon completion of this course students will be able to identify the various branches of our federal government, the branch's functions, as well as the political process involved in electing citizens to the constitutional offices. A study of the U.S. Constitution, significant U.S. Supreme Court rulings, and a daily observance of current events that affect our lives will round out our term.

ACCELERATED U.S. GOVERNMENT - 08403

REQUIRED	ELIGIBILITY	PREREQUISITE	CREDIT
	11, 12	"B" recomm. in American History	.5

A college-bound or self-motivated student with a quest for a deeper study of our government and how it affects our lives will be a prerequisite for this course. We will spend more time on research and class-led demonstrations than the regular U.S. Government course. You will also be required to contribute 8 to 9 hours of community services and attend 2 "government in action" meetings during the course of the term. The course material covered will be the same as the description in the regular class described above. **This course may be taken as a junior upon recommendation of their World History teacher and fulfills the Senior Social Science requirement.**

AP GOVERNMENT & POLITICS - 08405

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	11, 12	US History & Strong interest in Gov't & History Meet with Mr. Thomas (#505)	1

This college level course open to juniors & seniors with a high level of motivation and self-discipline. The course provides an analytical perspective on government and politics in the United States. The course involves both the study of general concepts used to interpret U.S. politics and the analysis of specific case studies. It also requires familiarity with various institutions, groups, beliefs, and ideas that constitute U.S. political reality. A further goal of the course is to prepare the student for the Advanced Placement Government & Politics: US Exam, given in the spring of the year. Evaluation of learning in the course will be based primarily on objective tests, periodic essay tests, and on papers requiring research, analysis and synthesis. This exam will cost the students \$90. **This course fulfills the Government requirement.**

ECONOMICS - 08701

REQUIRED	ELIGIBILITY	PREREQUISITE	CREDIT
	11, 12	None	.5

This course will enable the student to study how individuals and nations make choices about ways to use economic resources. This course will explore such topics as: supply and demand, free enterprise, competition, inflation, unemployment, money and banking and international trade. You will research economic indicators and how they affect the economy. Students will research and invest in the stock market game. You will better understand how economics affects you, your community, and the U.S. economy today and in the future.

PSYCHOLOGY - 08702

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	11, 12	None	.5

Psychology is a social science that explores human and animal behavior and experience. It answers such perplexing questions as: Where did I come from? (Human Development.) Why didn't I see that? (Perception). Why do I forget? (Memory). Why can't I understand this? (Learning). Why don't I want to study and work? (Motivation). Why do I laugh and cry? (Emotions). Why Am I? (Personality). Am I OK? (Normal and Abnormal behavior.) Psychology is taken by the curious student who seeks answers to questions that involve their own humanness. The student who likes learning and knowledge gained through class activities and lab exercises in order to help gain an understanding of oneself and others through academics and participation would like this course.

ABNORMAL PSYCHOLOGY - 08707

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	11, 12	Psychology	.5

In studying abnormal psychology, we set our sights on the worst that can happen when human beings find themselves confronted with challenges or demands that exceed their coping skills, by problems that are just too great. In abnormal psychology the student will study what is abnormal, stress disorders, anxiety-based disorders, personality disorders, mood disorders, schizophrenia and delusional disorders, and their symptoms and treatment of these psychological disorders.

SOCIOLOGY - 08703

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	10, 11, 12	None	.5

Sociology is a course that explores our culture and the culture of others. In learning about these cultures, the students will study such topics as: the role and treatment of minorities, the role of gender, and the role of the family. The course will also explore such social problems as crime and poverty.

PHILOSOPHY - 08704

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	11, 12	None	.5

This course explores such thought-provoking questions as: What is God? What is government? What is the ideal society? How should wealth be distributed? Is there evil? What is real? In order to philosophize, you must be able to read, understand, write, and discuss with objectivity on an abstract level. If you love to think, this could be your thing!

PRACTICAL LAW - 08706

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	10, 11, 12	None	.5

Practical Law will allow students to explore a wide range of legal principles necessary for understanding adult life in the United States, and to understand their practical application. Using a textbook, guest speakers, the Internet, class discussion, and simulation activities, students will: explore practical elements of the criminal justice system; know how criminal and civil trials are conducted; learn what things are necessary to make a binding contract; understand how and why our justice system holds persons criminally or civilly liable for acts and omissions; know their rights and responsibilities in leasing an apartment or buying a car; understand the relationship between an employer and employee and how government has affected that relationship; and much more.

FOREIGN/WORLD AFFAIRS - 08709

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	10, 11, 12	None	.5

This course is designed to examine a wide range of social, political, and economic questions prevalent in our society today. Local, state, national and world news items will all be featured. Its major objectives are to promote inquiry through presentation and debate of conflicting viewpoints and to assign students to discover and reflect upon societal problems relevant to their lives. This course encourages students to take a stand on an issue. It will provide opportunities to apply techniques to investigation and inquiry to the study of significant problems or issues. Students will be exposed to a wide range of magazines, newspapers, journals, movies, and television programs. Emphasis will be placed upon writing and speaking. This course will prepare students for participation in our democratic system.

VOCATIONAL TECHNICAL

ECONOMICS (See Course Description - Social Sciences, page 52)

PRACTICAL LAW (See Course Description - Social Sciences, page 53)

CAREER READINESS AND EMPLOYABILITY - 09101

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	11, 12	None	.5

This computer-enhanced course is designed to prepare the students to enter the world of work. Each student will begin by defining career interests and goals. The course will then travel the route of the world of work. Students will learn how to seek employment, fill out applications, prepare resumes, interview for positions, and follow up on job opportunities. The course will then stress work related activities including working in groups, employment behavior, life skills, and managing conflict. Finally, the course will offer suggestions on how to effectively leave one job and move on to another. All students will be entering the world of work. This course will help them be more successful.

CAREER INTERNSHIP PROGRAM - 09102

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	11, 12	Career Readiness/Employ "C" or better recommended	.5

This course will provide internship opportunities for students interested in exploring career fields under the supervision of a specialist in the community. Having successfully completed the Career Readiness and Employability course, students will be given actual work place assignments agreed upon by the instructor, employer, and student. Following introductory classroom preparation, students will spend their time involved in the business of their choice. Four days a week students will spend time in a specialized work related program in their field. Vocational related seminars will be conducted on the fifth day in the classroom. Students will receive on the job experience and credit as compensation for their work in the field. A career interest and a high degree of responsibility are required.

STUDENT / TEACHER PARTNERSHIP PROGRAM - 09103

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	12		.5

This course is designed to place students at an elementary or middle school within our school district to work with both teachers and students. The Student / Teacher Partnership Program will provide an opportunity for students to practice and improve their communication and leadership skills by working with adults and younger students in an educational setting.

ACCOUNTING I - 09110

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	10, 11, 12	None	1

In the real world, everyone will encounter business opportunities. It is strongly recommended that anyone who may pursue a career in business should take Accounting I, the study of fundamental principles of accounting. Students will learn to journalize transactions and from these, prepare a trial balance and complete a worksheet. They will use this information to prepare income statements, capital statements, and balance sheets which will be used to analyze the progress of a business and aid in the decision making process. Manual and computerized business simulations bring the content into the realm of reality.

ACCOUNTING II - 09111

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	10, 11, 12	“A” or “B” in Acct. I recommended or teacher approval	1

Students will expand on the accounting theory/practices developed in Accounting I. Computer technology and application will be incorporated to provide students with a comprehensive knowledge of the principles required for a career in accounting and/or business.

INTRODUCTION TO BUSINESS - 09115

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	9, 10, 11, 12	None	.5

Introduction to Business will initiate the students to the ever-changing world of business. It will investigate the operation of business in our free enterprise system. Areas of interest include: savings plans, banks and their services, forms of business, use of credit, ethics in the business world, international business, and investing. Students will learn about the world of business that they live in and, as a result, be better consumers, workers, and individuals. Intro to Business is a prerequisite for Retail & Reality in Business.

PERSONAL FINANCE IN BUSINESS - 09120

REQUIRED	ELIGIBILITY	PREREQUISITE	CREDIT
	11, 12	None	.5

To survive after high school, students will need to be able to successfully handle and manipulate their money. In this class, students will learn effective decision making, consideration of employment and career paths, developing a budget, savings and investment options, insurance, banking services, and credit analysis.

RETAIL & REALITY IN BUSINESS - 09121

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	10, 11, 12	“A” or “B” in Intro to Bus. recommended or Teacher Approval	1

This class is designed to actively involve students in the world of business through hands-on experiences as well as projects, discussion, and research. The students will work in the school store, as well as manage, promote, keep records, develop new products and other business items for the store. With an emphasis on business practices, the students will investigate human resource development, the role of organized labor, the importance of technology to conduct effective business, the use of market research and financial data, global business considerations, and advertising and promotional activities. Components of entrepreneurship (starting your own business) along with professional conduct elements will also be incorporated throughout the class.

PERSONAL FINANCE FOR FAMILIES - 09214

REQUIRED	ELIGIBILITY	PREREQUISITE	CREDIT
	11, 12	None	.5

This course enables students to successfully manage money after high school. In this class, students will learn the decision making process, how a career path influences income and employability, how to use a checking account, credit, budgeting, saving and investing, and types of insurance.

SKILLS FOR PARENTING - 09211

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	10, 11, 12	None	.5

This course focuses on the variety of roles and responsibilities parents in our society assume. Students will examine parenting practices such as nurturing, communication, and guidelines to develop knowledge and skills that will help them in parenting roles now and in the future. Students will gain knowledge about the developmental stages from birth through toddler age. Topics include care of infants, toddler temper tantrums, toilet training tips, positive guidelines techniques, choosing a day care, evaluating children’s clothing and toys, and others as time permits. This course is recommended for anyone planning to be a parent someday or work with children as a career. Participation in this class will include the "Baby-Think-It-Over" learning experience in parenting actions. Males are encouraged to take the class – you are ½ of the parent formula.

FOODS & NUTRITION classes – see page 61 for course description.

FASHION DESIGN - 09212

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	9 - 12	None	.5

This course teaches students to look for desirable qualities in ready-to-wear clothing; **this is a clothing construction class**. They will learn to use a serger sewing machine and an embroidery machine for professional results. Also included will be lessons on alterations such as shortening or lengthening garments and altering garment size. Students will each construct pajamas and then garment(s) of their own choosing. Emphasis will be on learning to use commercial patterns and learning skills needed to sew professional looking garments. The pajama project is provided for, but additional projects are at a student's expense.

HUMAN DEVELOPMENT: ADOLESCENCE THROUGH ADULTHOOD -09215

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	10, 11, 12	None	.5

This course is designed to enable students to gain knowledge necessary to understand the developmental stages from adolescence through late adulthood. The course will examine the developmental tasks, traits and problems of each of these stages. Topics included are adolescent's values and goals, sexuality, reproductive systems, pregnancy, contraception, STD's, birth defects, dating, marriage, divorce, aging, death, and suicide. The course was formerly called LIFE and should not be taken if you have previously taking this.

**INSERT
MULTI DISTRICT
SUMMARY**

Career & Technical Education Courses

LAKE AREA MULTI DISTRICT

Lake Area Multi-District's mission is to use career exploration and hands-on experiences to provide academic relevancy and promote life-long learning.

With that in mind, LAMD's courses are designed for studying specific career clusters. In their simplest form, Career Clusters are groupings of occupations/career specialties used as an organizing tool for curriculum design and instruction. Occupations/career specialties are grouped into the Career Clusters based on the fact that they require a set of common knowledge and skills for career success. Career Clusters focus on a blend of technical, academic and employability knowledge and skills that prepare learners for a full range of occupations/career specialties.

Career Clusters also provide information to help you answer questions when planning for your future. Consider the following questions:

- Is the career a good match with your interests, aptitude and abilities?
- Is the career a good match with your values and goals?
- Where do you want to live?
- What would you really do on the job?
- What skills and knowledge are needed?
- What level of education is required?
- What kind of working environment would you like?
- What are the working hours?
- Will you travel for the job?
- What is the salary range?
- Does the career have a favorable outlook?

The 16 career clusters are listed below. Following that, the Lake Area Multi-District and Lake Area Technical Institute courses are listed by career clusters. For more information on career clusters, see www.careerclusters.org, your high school career counselor or Mrs. LeVake at LAMD.

*STEM = Science, Technology, Engineering & Mathematics

Automotive Program

AUTO I – GENERAL SERVICE TECHNICIAN - 20104

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	11, 12	None	1 (1 st semester)

The Transportation, Distribution and Logistics Career Cluster includes careers that involve the maintenance, repair and servicing of vehicles and transportation facilities. Knowing how to take care of a car provides many career opportunities, as well as saving you dollars as a consumer. This semester will focus on car maintenance, engine tune-up, tire repair, and the repair and replacement of brake systems. Students are invited to participate in SkillsUSA to demonstrate their skills and leadership. Articulation credits with SD technical schools are available.

AUTO II – GENERAL SERVICE & SMALL ENGINE MECHANICS –20109

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	11, 12	Auto I helpful	1 (2 nd semester)

The Transportation, Distribution and Logistics Career Cluster includes careers in the Facility and Mobile Equipment Maintenance pathway that involve the maintenance, repair and servicing of vehicles and transportation facilities. This course will focus on the workings of small engines, transmissions, and the use of computer programs in the operation of parts and service departments. Students are invited to participate in SkillsUSA to demonstrate their skills and leadership. Articulation credits with SD technical schools are available.

Building Trades Program

BUILDING TRADES – RESIDENTIAL CONSTRUCTION - 17003

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	11, 12	None	2

This class introduces students to the Architecture and Construction Career Cluster, focusing primarily on residential construction. People employed in this cluster work on new structures, restorations, additions, alterations and repairs. The students work on a large house project and learn carpentry fundamentals. Students will study all basic phases of construction, including safe practices, building codes, construction materials, electrical wiring, plumbing and concrete technology. Architectural drafting is also explored through training on Chief Architect, the software many lumber yards use. A shop with the latest technology and tools helps the student apply what he/she learns. Students are invited to participate in SkillsUSA to demonstrate their skills and leadership. Articulation credits with SD technical schools are available.

Cabinetmaking

CABINETMAKING -17007

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	10, 11, 12	None	1

This course explores the trade of cabinetmaking. It's designed to meet the student's individual needs by examining related industries, processes, and systems used to fabricate cabinets and furniture products. Each student will design, fabricate, finish, and evaluate a small to medium sized project for this class to learn the basic foundations for Cabinetmaking. Materials and supplies to meet the project requirements are provided. Materials beyond the requirements are the students' responsibility. Projects will be on display through the teacher's website. Students are invited to participate in SkillsUSA to demonstrate their skills and leadership. Articulation credits with SD technical schools are available.

ADVANCED CABINETMAKING - 17008

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	10, 11, 12	Cabinetmaking	1 (2 nd Semester)

This advanced course goes deeper in to the study of cabinetmaking. This course is designed to meet the student's individual needs and develop stronger skills for careers in the cabinetmaking industry. Each student will design, fabricate, finish, and evaluate a larger project. Students will learn more advanced techniques, including making more advanced wood joints. Students will learn more about the cabinet and furniture industries and look at them as possible career options. Students will complete a research project on a related topic of interest. Students will have fieldtrip opportunities to learn about our local industry. Materials and supplies to meet the project requirements are provided. Materials beyond the requirements are the students' responsibility. Projects will be on display through the teacher's website. Students are invited to participate in SkillsUSA to demonstrate their skills and leadership. Articulation credits with SD technical schools are available.

Culinary Arts

FOODS AND NUTRITION I - 22202

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	9, 10, 11, 12	None	½

Foods and Nutrition I is a course designed to develop the knowledge and skills necessary for students to improve their own health and wellness, now and in the future, as well as to make healthy food choices and explore careers in the nutrition and wellness field. Topics addressed in the course include: Nutrition (My Pyramid, Dietary Guidelines, Nutrients), safety and sanitation in the kitchen, preparation and serving of several foods, including produce, meat, chocolate, yeast breads (caramel rolls and pretzels), microwave cooking, eggs, and milk. These are skills you will use every day as an adult.

FOODS AND NUTRITION II - 22203

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	10, 11, 12	Foods & Nutrition I	½

Foods and Nutrition II is a course to further study standards learned in Foods and Nutrition I (formerly known as Foods I) to develop the knowledge and skills necessary in making healthy food choices for others. Cooking experiences include salads, soups, yeast breads (dinner rolls and Meal in a Loaf), cake decorating, choosing kitchen equipment and analyzing kitchen designs, plus organizing a guest meal is included in the units of study.

PROSTART I - 16058

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	10, 11, 12	Food & Nutrition helpful	1

Students may explore the Hospitality and Tourism Career Cluster through this course. The ProStart program, developed and administered by the National Restaurant Association Educational Foundation (NRAEF), is a nationwide system of high school restaurant and foodservice courses linked with mentored work experiences. The program links classroom learning with on-the-job experience. Skills learned at the workplace are reinforced through practical classroom instruction. High school students will learn business skills and food preparation skills in the classroom and gain practical skills during on-site, hands-on experiences at local restaurants and foodservice work sites. The ProStart program provides an opportunity for students to get a head start toward exciting and rewarding restaurant and foodservice careers. The state ProStart competition is held in March. Students also are invited to participate in SkillsUSA to demonstrate their skills and leadership. Articulation credits with culinary programs nationwide are available.

PROSTART II - 16059

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	10, 11, 12	ProStart I	1

The ProStart program prepares students who are looking to enter the job market or making plans for post secondary education. In addition to learning about the restaurant and foodservice industry in the classroom, students have the opportunity to participate in internships with qualified food service operations, receiving firsthand training from mentors. Students will learn culinary essentials and basic foodservice management skills. The state ProStart competition is held in March. Students also are invited to participate in SkillsUSA to demonstrate their skills and leadership. Articulation credits with culinary programs nationwide are available.

Drafting

DRAFTING – 21107

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	10, 11, 12	None	1

This course introduces students to the Architecture and Construction, Science, Technology, Engineering and Mathematics (STEM), and Manufacturing career clusters. People with careers in design and pre-construction create our future. They turn a concept into a set of plans whether it's a component, a system, or a building. Their plans guide other construction or manufacturing professionals as they continue the building process. Students are introduced to tools and methods used by a skilled draftsman and engineers, including Computer Aided Drafting (CAD). The class covers creating and animating 3D objects, multi-view drawings, sectioning, and the knowledge necessary to complete clean and accurate working drawings for various applications. The students also will work with various software programs to design homes, including kitchens, baths and decks. The course includes working with AutoCAD, Solidworks and Chief Architecture software. Students are invited to participate in SkillsUSA to demonstrate their skills and leadership. Articulation credits with SD technical schools are available.

ADVANCED DRAFTING – 21108

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	10, 11, 12	Drafting	1

This course takes students deeper in to the Architecture and Construction, Science, Technology, Engineering and Mathematics (STEM), and Manufacturing career clusters. This class is for students who are considering a career in drafting, architecture, engineering, machining, construction or interior design and want to learn advanced drafting skills. Students will have a good mastery of AutoCAD, Solidworks and Chief Architect when they complete this class. They also are taught the basic concept of Civil Engineering, while developing topographical maps and land contours. This class offers a more advanced look into the world of architecture and design. Students are invited to participate in SkillsUSA to demonstrate their skills and leadership. Articulation credits with SD technical schools are available.

Electronics

ELECTRONICS - 17106

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	10, 11, 12	None	1 (1 st semester)

Everyone uses electronics and computers at home, in the automobile and at the workplace. Students will design and assemble remote controlled robotic vehicles and use pneumatics to introduce them to the field of automation. Students will be introduced to the basic hardware components of a computer and will build a computer from the ground up. Students will learn basic electronic skills that include component identification, reading various electronic meters, basic soldering through projects and kit assembly. Students will learn to troubleshoot and repair electrical, electronic and mechanical systems. This course introduces students to the Science, Technology, Engineering and Mathematics (STEM) and Manufacturing career clusters and allows students to explore engineering and electronics, including the automotive and aviation industries. Students are invited to participate in SkillsUSA to demonstrate their skills and leadership. Articulation credits with SD technical schools are available

ADVANCED ELECTRONICS – MECHATRONICS/ROBOTICS - 21009

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	10, 11, 12	Electronics	1 (2 nd semester)

Students will work with Vex Robotics to teach them mechanical designs and what an engineer does on a daily basis. Students will learn fluid power, basic motor controls, mechanical systems and circuit design. Students will learn about AC voltages, power supplies, regulators, and transistor applications. The students also will do advanced projects and kits that include building a working AM/FM radio and fabricating their own circuit board from scratch. This course takes students deeper in to the Science, Technology, Engineering and Mathematics (STEM), and Manufacturing career clusters. Students will explore careers in engineering and electronics in the manufacturing, automotive and aviation industries. Students are invited to participate in SkillsUSA to demonstrate their skills and leadership. Articulation credits with SD technical schools are available.

Exploratory Program

BUSINESS TECHNOLOGY – 80023

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	9, 10	None	½

Learn what a graphic designer and web page designer do to help market a business' product. Come explore careers in the business world in the areas of finance, administration, management, sales and even government. Discover if you like to work independently, yet still be part of a team. Discover how you work with numbers in a business. Put your problem solving skills to work and develop strategies that help a team meet its goals.

CAREERS THAT BUILD – 80024

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	9, 10	None	½

Do you like to design and/or make or build things? Do you like to draw? How about making your own personalized house plans? Do you want to learn more about architecture or drafting? What about careers in the construction or engineering fields or becoming a highly skilled technician? Do you like to work with computers, motors or machines? Come explore careers where you bring expertise and skill to the workplace. Get ready to put your hands to work!

SCIENCE TECHNOLOGY – 80025

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	9, 10	None	½

Come explore careers that put your science and math skills to work! Do you know there are more than 30 different engineering disciplines? Would you like to make our world safer? Who tests our water to make sure it's safe for us to drink? What about Agriculture, an industry that has grown far beyond the traditional farming operations? How will we feed a growing world population? Would you like to develop new industrial uses for soybean oil? The medical field continues to expand with traditional and new careers in exciting disciplines. We all need to stay healthy. What about a career in health & wellness? Explore these careers and many more. Discover how you can best utilize your science and math skills in the world of work.

WORKING WITH PEOPLE – 80026

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	9, 10	None	½

Do you like to help others? Learn about careers where you can be successful and find great personal rewards. There are many careers in the Law, Public Safety, Corrections & Security, Hospitality & Tourism, Education & Training, and Human Services clusters that provide opportunities for you to help others. If you are interested in careers in public safety, the legal system, the educational system, or a multitude of services provided to families, those with special needs, or the elderly, check out them out in this class. Have you dreamed of owning your own restaurant or retail shop? Do hands on projects. Decide what the best path is for your future.

Health Science

HEALTH SCIENCE – 14001

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	11, 12	None	1

Health care is the largest and fastest growing industry in the US. This class offers students opportunities to explore Health Science Career Cluster. The Health Science Career Cluster orients students to careers that promote health, wellness, and diagnosis as well as treat injuries and diseases. Some of the careers involve working directly with people, while others involve research into diseases or collecting and formatting data and information. Students will learn basic health care skills, tour healthcare facilities and job shadow at Prairie Lakes Healthcare System. Students are invited to participate in SkillsUSA to demonstrate their skills and leadership. Articulation credits with SD technical schools are available.

ADVANCED HEALTH SCIENCE – 14154

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	11, 12	HS I or Teacher approval	1

Health Science II students will have the opportunity to prepare themselves for college or technical institute programs by learning medical terminology and first aid / CPR. In addition the students will have an extended field experience in a healthcare facility. Articulation credits with SD technical institutes are available for qualifying students. SkillsUSA members will be encouraged to participate in the state skill contests.

Human Services

HUMAN SERVICES - INTRO TO HUMAN SERVICES & EMPLOYABILITY – 19001

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	11, 12	None	2

Do you like to work with people? Are you interested in careers that provide services, help and/or teach a variety of people? Human Services will expose students to the Human Services, Education and Training, and Law, Public Safety and Security career clusters. Students will learn about careers in the following career pathways: family and community services, early childhood development and services, counseling and mental health services, personal care services, consumer services, teaching and training, law enforcement services, and correction services. Students will learn communication skills, how family and social relationships are formed, developmental stages of humans, decision-making and problem-solving skills, and other skills needed to be in a “people-oriented” field. Students will hear from professionals in various career areas, as well as participate in local tours, and on-the-job placements. Students will become Red Cross certified in First Aid/CPR. Students will learn job placement skills and how to complete college and scholarship applications. Students are invited to participate in SkillsUSA to demonstrate their skills and leadership. Articulation credits with SD technical schools are available.

Internship

INTERNSHIP - 80018

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	11, 12	"B" or better in Any LAMD Class	1 per 150 hrs worked Max. 2/year; 3/career

Students who want to confirm their career plans and goals may want to consider some real work world experience before finalizing their post-secondary plans. Students have an opportunity to apply their skills in a "real world" setting and to evaluate career opportunities through the Lake Area Multi-District internship program. The requirements include completion of a Lake Area Multi-District class with a "B" or better grade. A student's attendance record is also considered. (See your counselor and/or Mrs. LeVake). The student will be required to write a mid-term paper and a final paper, as well as develop a short PowerPoint presentation about the experience. LAMD staff will make the paid or unpaid internship arrangements with the employer. The student enters in to an agreement with LAMD and a working mentor to receive credit for each 150 hours worked on the job.

Machine Tool

MACHINE TOOL TECHNOLOGY – 13203

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	10, 11, 12	None	2

The Manufacturing Career Cluster prepares learners for careers in planning, managing and the processing of materials into intermediate or final products. People with careers in production work with machines, and/or make or assemble parts. Manufacturing careers also include related professional and technical support activities such as maintenance and manufacturing/process engineering. This class introduces students to the machine tool trade. Students will have the opportunity to use state-of-the-art lathes and milling machines, as well as learn about the use of computers in controlling milling and turning machines, referred to as Computer Numerical Control (CNC). Students will learn how to read blueprints, use measuring instruments such as calipers and micrometers, and apply mathematical concepts as they do production projects that simulate industry. Students are invited participate in SkillsUSA to demonstrate their skills and leadership. Articulation credits with SD technical schools are available.

ADVANCED MACHINE TOOL TECHNOLOGY – 13204

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	11, 12	Machine Tool & Teacher Rec.	2

This class is designed for students who desire to further advance their machine tooling skills. Students will have the opportunity to use state-of-the-art lathes and milling machines, as well as controlling milling and turning machines, referred to as Computer Numerical Control (CNC) machines. Students will continue to read blueprints, use the latest version of Virtual Gibbs CAD/CAM software, use measuring instruments such as calipers and micrometers, and apply mathematical concepts as they do production projects that simulate industry. Students participate in SkillsUSA to demonstrate their skills and leadership. Articulation credits with SD technical schools are available.

Visual Communications

DIGITAL PRINT & PAGE LAYOUT - DIGITAL GRAPHICS – 10202

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	10, 11, 12	Good Computer Skills	½

Students will investigate art elements and principles of design, along with some basic sketching. Students will explore brand marketing and how digital images affect the world of advertising. Students will learn more about vector graphics and how to create digital artwork through the use of Adobe Illustrator. The students will explore the conventions of print design and proofing, page layout techniques, typography, digital color, and more using Adobe InDesign. Students will create different forms of printed materials such as brochures, business cards, package design and more. The students will tour business and industry that specialize in this field. Students will explore the careers that exist in the area of Desktop Publishing, Printing and Advertising. Students are invited to participate in SkillsUSA. Articulation credits with SD technical schools are available.

DIGITAL IMAGING – 11052

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	10, 11, 12	Good Computer Skills	½

This class includes the principles of digital photography. The students will learn proper photo composition, parts of the camera, rule of thirds, shooting techniques and much more through hands on experiences. The students will learn how to manipulate their digital images through the use of Adobe Photoshop. The students will become familiar with basic Photoshop tools and filters while manipulating their own digital images. Students will be introduced to digital image file types, their uses and copyright issues. Students will explore the careers that exist in the world of Digital Photography. Students are invited to participate in SkillsUSA. Articulation credits with SD technical schools are available.

MULTIMEDIA - VIDEO DESIGN – 10203

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	10, 11, 12	Good Computer Skills	½

This class introduces students to the variety of multimedia used to create marketing mediums used in web pages, videos, animations, and more. Students will explore video design, proper shooting techniques and piece it all together through storyboarding. The students will learn how to develop their own videos using the software Adobe Products. They will learn how to add sound, still images, special effects and 3D animation to their integrated video projects. The students will be introduced to the concept of 3D animation and learn the steps to create simple animations. They will do this through the use of current freeware available to them. The students will explore the careers available in the world of Digital Media and Production. Students are invited to participate in SkillsUSA. Articulation credits with SD technical schools are available.

WEB DESIGN – 10201

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	10, 11, 12	Good Computer Skills	½

The students will be introduced to the basic elements of HTML and create their own web pages using the Hypertext Markup Language. Students will learn the proper design elements and navigation in developing Web pages and examine the good and the bad in Web Design through application-based projects. The students will design their own web pages using a software called Dreamweaver. Students will learn how to create buttons, tables, hypertext, links, style sheets and more, while integrating them into their own design work. Students will also learn how to integrate other digital media into their web designs, such as Flash Animations. Students will explore the careers surrounding the Internet and Web Development. Students are invited to participate in SkillsUSA. Articulation credits with SD technical schools are available.

WELDING

WELDING – 13207

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	10, 11, 12	None	1

The Manufacturing Career Cluster prepares learners for careers in planning, managing and the processing of materials into intermediate or final products. People with careers in production work with machines, and/or make or assemble parts. Welding technology is used in many industries and is also becoming a more popular form of art. Students will learn how to use a cutting torch and how to weld using oxyacetylene. They will learn how to stick weld, which is shielded metal arc welding, and practice safety in the shop. Students will do various projects using oxy-fuel and SMAW welding methods. Students are invited to participate in SkillsUSA to demonstrate their skills and leadership. Articulation credits with SD technical schools are available.

ADVANCED WELDING - 13208

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	10, 11, 12	Welding	1

Students will further explore careers in the Manufacturing Career Cluster. Students will refine their skills using a cutting torch and oxyacetylene welds. They will learn how to stick weld, which is shielded metal arc welding, and wire weld, which is known as gas metal arc welding. Students will learn how to tig weld, which is gas tungsten arc welding, and how to weld aluminum. Students will also learn plasma cutting techniques. Students will work with blueprints and welding symbols and practice safety in the shop. Students will do various projects using all of the welding methods and complete the OSHA Career Safe Program. Students are invited to participate in SkillsUSA to demonstrate their skills and leadership. Articulation credits with SD technical schools are available.

SkillsUSA

SkillsUSA is a national nonprofit student organization, serving more than 264,000 students enrolled in career and technical education training programs at our nation's public high schools and colleges. SkillsUSA's mission is to help its members become world-class workers and responsible American citizens. SkillsUSA complements technical skills training with instruction in the employability skills that make a well-rounded worker and citizen. Founded in 1965, SkillsUSA has developed nearly 8 million workers through active partnerships between employers and educators.

The SkillsUSA Championships is the showcase activity of the SkillsUSA organization. Winners advance through district or regional events and then to state competitions. Only the best make it to the national event. Students benefit no matter how they place in their contests. They test their skills, make job contacts, and have a chance for recognition. State and national winners receive gold, silver and bronze medallions, scholarships, tools and other awards. The national SkillsUSA Championships is considered the largest single-day of corporate volunteerism in America. Visit www.skillsusa.org for a complete list of national competitions.

ARTICULATION CREDITS

All Lake Area Multi-District Career & Technical Education programs provide opportunities for students to earn articulation credits with South Dakota's Technical Institutes.

- The student must earn a B or better grade per term in his/her high school CTE course.
- The student must enroll in a related program within three years of high school graduation.
- Articulated credits are credited towards tuition at South Dakota Technical Institutes.

CTE SCHOLAR PROGRAM

To qualify as a CTE Scholar, one must be a graduating senior who has earned an A- or higher in at least two credits of a state-approved CTE program, one additional credit of an upper level supporting class and an overall GPA of 3.5 on 4.0 scale. High school students designated as CTE scholars are eligible for admission and automatically qualify for a scholarship at the four South Dakota Technical Institutes.

Policy of Non-Discrimination:

It is the policy of the Lake Area Multi-District Vocational Center not to discriminate on the basis of sex, race, color, national origin, creed, religion, marital status, status with regard to public assistance, age, or disability in education programs, activities, or employment policies as required by federal and state laws and regulations. Inquiries regarding compliance may be brought to the attention of the Center Director, 1311 Third Avenue Northeast, Watertown, SD 57201 (605-882-6380) or for additional information contact: Director of the Office of Civil Rights, Department of Health, Education & Welfare, Washington, D.C.

Lake Area Technical Institute
Dual Credit Information and Procedures
2010-2011

Mission Statement- Lake Area Technical Institute offers superior, comprehensive technical education, creating a foundation for success in an ever-changing world.

Juniors & Seniors at WHS are eligible to take post secondary level courses at LATI and receive high school and Lake Area Technical Institute credit. Please note: you will be treated as a LATI student; the attendance, conduct and laptop policies will be in accordance with LATI policies. The calendar will be based on LATI's schedule which may be different than your high school. Payment of credits taken must be paid within the first month of the semester.

Students may enroll in certain courses at Lake Area Technical Institute without applying for admission to a program. However, the student must meet the admissions criteria based on an entrance exam, LAMD related course or ACT scores. This does not guarantee acceptance to LATI as a full time student at a later time. Upon completing the application for dual credit at LATI, students taking a dual credit course will be given a 50% reduction off the cost of their first three credit class. Additional support may be available for students who demonstrate a strong financial need. Students must re-register at the beginning of each enrollment period.

Interested students should see the WHS Student Services office or Principal for a LATI admissions application.

All textbook prices, costs per course, and course times are subject to change.

Students may take the following courses for credit at LATI. Courses will work towards an Associates of Applied Sciences degree at LATI.

****Various courses are available through LATI and are under each career cluster in the Registration Guide. Please contact the Director of Enrollment at LATI for further information.

PSYC 100 – Psychology of Human Relations – 08900

This course is designed to help a student recognize the importance of adjusting and getting along as a member of a working team. It will examine the role personality plays in the work environment and the personal qualities, interpersonal skills and values that employers are looking for. 3 credits

MATH 100 – Applied General Math – 04900

Emphasis on the ability to understand and apply math skills to solve problems in the world of work. 3 credits

MATH 101 – Intermediate Algebra – 04901

This course will enhance students' problem-solving skills and prepare them for mathematical problems to be faced in future courses and careers. 3 credits

COMM 101 – Contemporary Communication – 02903

Emphasis on the essentials of written and oral communication; also included is a unit on effective communication in the job search process. (3 credits)

SDSU DUAL CREDIT INFORMATION & PROCEDURES 2010 - 2011

SD Board of Regents post-secondary schools will accept the following courses as college credits. SDSU will provide the transcript and enrollment information. For all other courses please check with individual schools prior to enrolling in the class. Please see Student Services for additional information.

Course: **CHEM 106: Inorganic Chemistry (Advanced Algebra is required) - 07502**
Course Description: An introductory course designed to acquaint students with the important and fundamental concepts in general chemistry. Course covers atomic theory, interparticle forces, chemical reactions and their rates and mechanisms, states of matter, acid/base chemistry, and nuclear chemistry.
Credits: 4 credits (LATI); .5 credit towards elective credit at WHS
Class Time: FALL only 3:00-9:00 PM Monday
Cost: See SDSU Text cost: \$172.00 (includes lab manual)

Course: **CHEM 108: Organic Chemistry (Advanced Algebra & CHEM 106 are required) - 07503**
Course Description: Course covers organic chemistry & biochemistry. An understanding of the basic concepts is a necessary precursor to the discussion of more specific topics of biochemistry.
Credits: 4 credits (LATI); .5 credit towards elective credit at WHS
Class Time: Spring only 3:00-9:00 PM Monday
Cost: See SDSU Text cost: \$172.00 (includes lab manual)

Course: **ENGL 101: Composition - 02901**
Course Description: Grammar, mechanics, usage, research skills, and practice in exposition, which are basic to effective writing.
Credits: 3 credits (LATI); .5 credit towards Senior English at WHS
Class Time: Various times available
Cost: See SDSU Text cost: \$53.00 + lab manual

Course: **SPCM 101: Fundamentals of Speech - 02902**
Course Description: An introduction to basic oral skills using logical organization and presentation of materials.
Credits: 3 credits (LATI); .5 credit towards elective credit at WHS
Class Time: Various times available
Cost: See SDSU Text cost: \$67.00

Course: **MATH 102: College Algebra - 04902**
Credits: 3 Credits (LATI)
Class Times: Various times available
Cost: See SDSU

Course: **PSYC 101: General Psychology - 08901**
Credits: 3 Credits (LATI)
Class Times: Various times available
Cost: See SDSU



Dual Status Registration Information

Special Status Registration

Please note: you will be treated as a LATI student; the attendance, conduct and laptop policies will be in accordance with LATI policies. The calendar will be based on LATI's schedule which may be different than your high school. Payment of credits taken must be paid within the first month of the semester.

Students may enroll in certain courses at Lake Area Technical Institute without applying for admission to a program. However, the student must meet the admissions criteria based on an entrance exam, LAMD related course or ACT scores. This does not guarantee acceptance to LATI as a full time student at a later time. Upon completing the application for dual credit at LATI, students taking a dual credit course will be given a 50% reduction off the cost of their first three credit class. Additional support may be available for students who demonstrate a strong financial need. Students must re-register at the beginning of each enrollment period.

Insufficient enrollment may result in a class being canceled. If the class is canceled, you will be notified and any tuition/fees you have paid for the class refunded to you. If you are not notified, the class will be held. The instructor will have your name on the roster. Books can be purchased during regular business hours at the bookstore. **Pick up application in Student Services.**

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	11, 12	None	LATI

AG 100 – Soils (3 LATI credits) - 09600

Determination of properties of various soils and their suitability for agricultural uses. Hands-on soil sampling and testing are emphasized; also, development of proficiency in interpreting soil survey maps.

AG 102 – Crop Science (3 LATI credits) - 09601

A comprehensive review of the plant development cycle, from seedling to harvest-ready maturity. Appropriate environmental conditions, insect and disease control, harvesting, and storage are discussed. Profitable management is emphasized.

AG 106 – Animal Health I (2 LATI credits) -09602

The causes and management/control of disease and poisoning are determined.

AGR 120 – Seed and Grain Technology (2 LATI credits) -09606

Grading of grain according to federal standards, selection of high-quality seed, proper storage and conditioning of seed, identification of crop and weed seeds, operation of grading equipment.

AG 122 – Fertilizers (2 LATI credits) - 09604

Identification of fertilizer elements, appropriate use, application procedures, and cost-effectiveness are covered.

AG 126 – Weed Management (2 LATI credits) - 09607

Training to meet federal certification: recognition of pests and noxious weeds; selection, application and disposal of chemicals; construction of a field-mapping system.

AG 130 – Building Principles (1 LATI credit) - 09611

This course covers all aspects of farm structure building, planning, design, and economics.

AG 132 – Ag Structures (2 LATI credits) - 09612

Construction fundamentals and building construction.

AG 135 – Farm Power/Engines (1 LATI credit) - 09613

Discusses engine principles and design, safety, oil, fuel, and coolant selection, and general engine and tractor maintenance principles.

AG 136 – Advanced Farm Power (2 LATI credits) - 09614

Covers fuel system maintenance, tractor and engine maintenance procedures and tractor tune-up procedures.

AG 158 – Farm/Ranch Records (2 LATI credits) – 09608

Application of standard financial procedures, using the computer to record, compile and complete typical financial records for farming operations.

LEARNING CENTER

IND. ENGLISH 9 – OL205

REQUIRED	ELIGIBILITY	PREREQUISITE	CREDIT
	9, 10, 11, 12		1

English 9 enhances student skills in reading, writing, and listening through the study of novels, short stories, and composition. Grammar units include the study of the parts of speech, parts of a sentence, correct usage, capitalization, and punctuation. Vocabulary and comprehension tests will be given. Compositions will include narrative, expository, persuasive, and journals.

IND. ENGLISH 10 – OL206

REQUIRED	ELIGIBILITY	PREREQUISITE	CREDIT
	10, 11, 12	English 9	1

English 10 enhances student skills in reading, writing, and listening through the student of novels and composition. Grammar skills are combined in the production of several formal writing assignments. Poetry is also introduced.

IND. ENGLISH 11 – OL207

REQUIRED	ELIGIBILITY	PREREQUISITE	CREDIT
	11	English 10	1

Real-life English will be the focus of this course. Grammar, punctuation, spelling, vocabulary development, and reading comprehension are skills taught in this course. Writing letters, journal entries, and essays will help improve students' written language skills.

IND. ENGLISH 12 – OL208

REQUIRED	ELIGIBILITY	PREREQUISITE	CREDIT
	12	English 11	1

Real-life English skills will be the focus of this course. Grammar, punctuation, spelling, vocabulary development, and reading comprehension are skills taught in this course. Written language skills such as letter and resume writing, essays, and research papers will be taught. Novels, literature, and short stories will be incorporated to help provide a well-rounded English education.

LIFE SKILLS ENGLISH – OL200

REQUIRED	ELIGIBILITY	PREREQUISITE	CREDIT
	9, 10, 11, 12		1

Students will develop basic grammar skills such as nouns, pronouns, adjectives, verbs, adverbs, prepositions, conjunctions, interjections, sentence patterns, and much more. They will develop reading skills and strategies with the use of technology programs such as Teen Biz. Short stories, novels, and creative writing will help students gain confidence in reading comprehension & written expression.

BASIC SKILLS ENGLISH – OL202

REQUIRED	ELIGIBILITY	PREREQUISITE	CREDIT
	9, 10, 11, 12		1

This is an English class that uses a variety of sources. It focuses on life-skill English concepts, along with basic grammar and writing. There will be ability grouping to meet all students' needs.

BASIC SKILLS READING I – OL210

REQUIRED	ELIGIBILITY	PREREQUISITE	CREDIT
	9, 10, 11, 12		1

This is a reading class that uses a variety of different reading resources. It focuses on decoding, sight word recognition, and comprehension. There will be ability grouping to meet all students' needs.

FOUNDATIONS IN READING I – OL213

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	9, 10, 11, 12		1

This first course in a series will focus on improving overall reading ability. Class format will include intense instruction of relationships between the most common letter combinations and sounds. Studies have shown students CAN improve reading ability and fluency in a short period of time.

ADVENTURES IN READING II – OL214

ELECTIVE	ELIGIBILITY 9, 10, 11, 12	PREREQUISITE	CREDIT 1
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This is the second course in the series. The ability to quickly recognize words and their meanings is emphasized. Studies have shown students CAN improve reading ability and fluency in a short period of time.

MASTERY OF READING III – OL215

ELECTIVE	ELIGIBILITY 9, 10, 11, 12	PREREQUISITE	CREDIT 1
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This is the third course in the series. Ability to integrate information in text is taught. Studies have shown students CAN improve reading ability and fluency in a short period of time.

EXPLORATIONS OF READING IV – OL216

ELECTIVE	ELIGIBILITY 11, 12	PREREQUISITE Mastery	CREDIT 1
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This class is designed to teach students to integrate information from a text, in both reading and writing. Directed activities using study skills in the context of content materials are used.

BASIC SKILLS MATH – OL401

SATISFIES ONE MATH REQUIREMENT	ELIGIBILITY 9, 10, 11, 12	PREREQUISITE	CREDIT 1
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This is a math class that uses a variety of sources. It focuses on life-skill mathematic concepts, along with basic addition and subtraction. There will be ability grouping to meet all students' needs.

CONSUMER/ADVANCED MATH – OL410

SATISFIES ONE MATH REQUIREMENT	ELIGIBILITY 9, 10, 11, 12	PREREQUISITE	CREDIT 1
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This course incorporates a higher level of math skills. These are real to life concepts that include topics such as taxes, checkbook, budgeting, bills, and percents. Included in this class are some advanced math skills that include some algebra concepts.

CONSUMER/BASIC MATH – OL409

SATISFIES ONE MATH REQUIREMENT	ELIGIBILITY	PREREQUISITE	CREDIT
	9, 10, 11, 12		1

This course incorporates the basic math skill operations, calculator functions, decimals, fractions, percents, and much more. Students will learn skills they can apply in the real world.

IND. PRE – ALGEBRA – OL414

SATISFIES ONE MATH REQUIREMENT	ELIGIBILITY	PREREQUISITE	CREDIT
	9, 10, 11, 12		1

This course is an introduction to Algebra. It will give students the tools and the confidence they need to reach new levels in math and to succeed in Algebra.

IND. ALGEBRA – OL416

SATISFIES ONE MATH REQUIREMENT	ELIGIBILITY	PREREQUISITE	CREDIT
	9, 10, 11, 12		1

This course will teach the basic concepts of Algebra in a step-by-step approach. The class will focus on algebra terminology, operations of real numbers, simplifying, solving, and graphing equations.

IND. GEOMETRY – OL417

SATISFIES ONE MATHS REQUIRE.	ELIGIBILITY	PREREQUISITE	CREDIT
	10, 11, 12	Ind. Algebra	1

An individualized plan of study, including solid geometry figures, parallelism, congruency, similarity, area, volume, coordinate geometry and right triangle geometry.

ADAPTED PHYSICAL EDUCATION – OL601

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	9, 10, 11, 12		1

This course is meant to improve the student's gross motor skills. It stresses strength development through nautilus training, improvement of fitness level and of ball skills through individual and team sports, which are modified when necessary. Personal hygiene, proper body care, and sportsmanship are incorporated.

BASIC SKILLS SCIENCE – OL700

REQUIRED	ELIGIBILITY	PREREQUISITE	CREDIT
	9, 10, 11, 12		1

We will explore physical and chemical properties of matter, the periodic table of elements, the part of an atom, and compounds. We will also investigate light waves, sound waves, and energy changes.

BASIC SKILLS SOCIAL SCIENCE – OL820

REQUIRED	ELIGIBILITY	PREREQUISITE	CREDIT
9, 10, 11, 12			1

In this course students will study and discuss local, state, national and international current events. Students will learn where countries and people are located, compare and contrast differences, and discover how and why people, resources, and ideas move from place to place. Students will explore components of U.S. History and government. Major world events and exploration of other countries such as Asia, Africa, South America, and Canada will be also be addressed in this course

LIFESKILLS – OL901

REQUIRED	ELIGIBILITY	PREREQUISITE	CREDIT
	9, 10, 11, 12		1

This class introduces the students to a variety of life skills. Some of the concepts that will be taught are the following: nutrition, cooking, health, laws, hygiene, and leisure activities. The students will take many community field trips in this class.

ADVANCED LIFESKILLS – OL902

REQUIRED	ELIGIBILITY	PREREQUISITE	CREDIT
	9, 10, 11, 12		1

This class focuses on employability skills, management of money, nutrition and wellness, communication with others, citizenship, leadership, and much more. Students will learn life skills that will prepare them for life after high school.

STUDY SKILLS – OL920

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	9, 10, 11, 12		1

This course offers study strategy skills that students on an IEP can benefit from in mainstreamed or resource room classes. A portion of the class will be instruction time to help improve organization and note taking. This is a class that will also assist students with their homework.

VOCATIONAL TRAINING – OL930

ELECTIVE	ELIGIBILITY 10, 11, 12	PREREQUISITE	CREDIT 1
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This course will help prepare you for the world of work. You must be sixteen and meet certain requirements to be eligible for this course. Vocational training will expose students to different careers. Students will complete assessments that will look at their interests and personality traits and match them with careers. Students will tour different job sites in the community and be given the opportunity to job shadow at sites they are interested in. Students will then be placed at a job site with a job coach and be given the opportunity to earn money while earning credit. Here's your chance to not only be involved in your local community, but learn different skills that you can take with you upon graduation. **State requires a minimum age of 16.**

DRIVERS EDUCATION - 09701

ELECTIVE	ELIGIBILITY	PREREQUISITE	COST	CREDIT
	9, 10, 11, 12	None	\$100 or \$50.00 for students on free/reduced lunch program	None

Driver Education involves six hours of behind the wheel training and 30 hours of classroom instruction over a period of 12 teaching days. Students must be present for all periods of instruction. The course provides instruction in residential, city, rural, highway, and interstate driving. Parking skills include uphill, downhill, angle, perpendicular, and parallel. Maneuvers include tracking, backing, turning, lane changing, passing, tire changing, and evading collisions. Successful completion of the course decreases the time requirement for a learners permit (drive with an adult) from 180 days to 90 days. The two 12 day sessions that will be offered are as follows:

1st session June 1 – June 16

2nd session June 17 – July 2

(DRIVERS EDUCATION IS SUBJECT TO APPROVAL BY THE BOARD OF EDUCATION IN MAY)

Student Services will provide registration forms, which are available in April. The forms and fee should be returned to Student Services. **Questions should be directed to Mr. Nick Kranz at the Watertown Middle School, 882-6370.**

NON DISCRIMINATION STATEMENT

Watertown School District 14-4 provides equal opportunities, educational, and activity programs. It is the policy of the district not to discriminate on the basis of sex, race, color, national origin, creed, religion, marital status, status in regard to public assistance, age, or disability.

SECTION 4405, AFFIRMATIVE ACTION AND THE AMERICANS WITH DISABILITIES ACT

Persons with inquiries regarding compliance of American With Disabilities Act may contact Sandie Jungers, and persons with inquiries regarding implementation and compliance regarding Title XI or Section 504, may contact the Superintendent of Schools, (605) 882-6312, 200 NE 9th Street NE; Watertown, SD 57201. Additional inquires may be directed tot he Regional Directions, Department of Education, Office of Civil Rights; 1244 Speer Blvd., Suite 310; Denver, CO 80202-3582