This "Program of Studies" has been written with the intent of informing students and parents about the many learning opportunities available at Lincoln High School.

**REGISTRATION FOR CLASSES**
Course selection is a process that students and parents should take seriously. Parents are asked to approve all student course selections and are encouraged to contact school personnel with any questions or concerns.

**PLEASE CALL STUDENT SERVICES AT**
422-7316

**STUDENTS . . .**

. . . are reminded that decisions made in the registration process are important and not to be taken lightly.

. . . should make their course selections carefully and discuss them with their parents, teachers, and counselor.

. . . when registering for classes, choices should be based on their interests, needs, career aspirations, and graduation requirements.

**PARENTS . . .**

. . . should encourage students to take full advantage of the investment all of us have made in education in Wisconsin Rapids.

. . . must approve their student's registration requests.

. . . are reminded that careful planning now will assure a productive and beneficial education in both the short and the long term.

We wish you an enjoyable and pleasant school year.
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REGISTRATION POLICIES

When choosing courses, a student's career goals, learning style, and interests should be taken into consideration. Students are encouraged to take full advantage of the many opportunities available at Lincoln.

Students should SELECT COURSES CAREFULLY! Many administrative decisions are made based on course registration, budget, class size, and teacher assignments.

1. All students must register for a minimum of 6.0 credits.

2. No class offering is guaranteed! Because of limited registration enrollments and the needed approval by the Board of Education for all classes, some classes may eventually be cancelled. Students will have the opportunity to choose an additional class should a class be cancelled.

3. Students are encouraged to meet with their counselors to review their selections.

4. If a student's schedule contains two study halls in one semester and none in the other, please see your counselor before the end of the first week of class if you would like to make a change to one study hall each semester.

5. After school begins, students may add a class if an opening exists during a period scheduled for a study hall.

6. Schedule changes will be considered only in specific circumstances as defined by the schedule change process. The final appeal deadline is the second Friday after the start of semester classes. Stop in Student Services to see if your request would qualify.

LINCOLN HIGH SCHOOL GRADUATION REQUIREMENTS

All students must complete a minimum of 22.5 credits, grades 9 through 12, to be certified for graduation. Credits are based on a time-in-class standard or the traditional Carnegie unit of determination. This is a list of the minimum credits which must be earned in designated subject areas, grades 9 through 12.

<table>
<thead>
<tr>
<th>Subject</th>
<th>Grade 9</th>
<th>Grade 10</th>
<th>Grade 11</th>
<th>Grade 12</th>
</tr>
</thead>
<tbody>
<tr>
<td>English................</td>
<td>4.0</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Social Studies........</td>
<td>3.0</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mathematics...........</td>
<td>2.0</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Science................</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Electives</td>
<td>8.5</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Electives make up the remaining 8.5 credits.

The following specific courses must be taken, satisfactorily completed, and included in the minimum credit requirement as outlined above, unless stated in an IEP or through the Able Learner Program.

Promotion From Ninth Grade...

Administrators from East and West Junior High Schools and Lincoln High School will determine which students with credit deficiencies will be allowed to attend Lincoln High School. Ninth grade students considered credit deficient will be reviewed on a yearly basis. Each student will be evaluated on the credits earned, the required classes passed, the skills developed and the predictability of success at the high school.

Ninth grade students not enrolled for the first semester at Lincoln High School will remain at their junior high school for the entire ninth grade academic year. Semester transfers will not be allowed.

Remember This About Graduation...

All graduation requirements and student obligations (fines, detentions, etc.) must be met before a student may receive a diploma or participate in the graduation ceremony. Appeals related to requirements, graduation, or participation in the graduation ceremony are subject to review by the high school principal. Students that plan on participating in the graduation ceremony must attend the graduation practice as scheduled. IT IS THE STUDENT'S RESPONSIBILITY TO MAKE SURE THAT ALL GRADUATION REQUIREMENTS ARE MET.
### EDUCATIONAL OPTIONS FOR LIFE AFTER HIGH SCHOOL

**PREPARATION FOR TECHNICAL COLLEGE / APPRENTICESHIP**

<table>
<thead>
<tr>
<th>ENGLISH</th>
<th>MATHEMATICS</th>
<th>SCIENCE</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 years - reading, writing</td>
<td>2-3 years</td>
<td>2 years - Comprehensive Natural Science 9, 10</td>
</tr>
<tr>
<td></td>
<td>Algebra, Geometry, Algebra 2 and beyond</td>
<td>*Some programs require additional courses.</td>
</tr>
<tr>
<td></td>
<td>*Some programs require additional courses.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SOCIAL STUDIES</th>
<th>CRITICAL SKILLS</th>
<th>RELATED EXPERIENCES</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 years - World Issues or AP World Issues; American Studies or American Dream or AP US History; and one year of other social studies.</td>
<td>Career and technical education courses.</td>
<td>Extracurricular activities, including community service and volunteering.</td>
</tr>
</tbody>
</table>

If you have any questions about Wisconsin's Technical Colleges, see your counselor or visit this web site: Wltechcolleges.org

**PREPARATION FOR UNIVERSITY/COLLEGE**

Entrance recommendations for students are printed below (see chart). The State of Wisconsin Joint Council on College Preparation has published a list of GENERAL RECOMMENDATIONS for high school students who might want to go on to college (see chart below). Additional preparation should be made for specific programs. The Student Services department can help you discover what extra courses might be helpful if you know what career area you wish to pursue or which college or university you hope to attend. Students are encouraged to utilize the Wisconsin Career Information System in Student Services. For some universities the following are only minimum requirements.

<table>
<thead>
<tr>
<th>ENGLISH</th>
<th>MATHEMATICS</th>
<th>SCIENCE</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 years - Accepted English courses stress an understanding of composition, literature and rhetoric. Significant practice in reading, writing and speaking is expected in composition and rhetoric. Several campuses require that at least 3 of the 4 credits in English include composition and literature.</td>
<td>3 years - one year in Algebra, Geometry, Algebra 2 and beyond</td>
<td>3 years of sciences - with CNS 9 and CNS 10 and one additional year or more of science chosen from biology, chemistry, environmental studies, earth science or physics.</td>
</tr>
<tr>
<td></td>
<td>* Some schools require 4 years</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SOCIAL STUDIES</th>
<th>WORLD LANGUAGE</th>
<th>ADDITIONAL CRITICAL SKILLS &amp; EXPERIENCES</th>
<th>RECOMMENDED RELATED EXPERIENCES</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 years with 1 year American Studies or American Dream or AP US History; 1 year World Issues or AP World History; and 1 year of other social studies.</td>
<td>2 years of one world language are required for admission to UW-Madison, the University of Minnesota system, and UW-Eau Claire.</td>
<td>Keyboarding, computer skills, visual &amp; performing arts, other academic or career and technical electives. Minnesota system schools require 1 credit of Fine Arts.</td>
<td>As many extracurricular activities as possible, including community service and volunteering.</td>
</tr>
</tbody>
</table>

If you have any questions about the requirements of the University of Wisconsin system, or a specific UW campus, you are encouraged to call this toll free number: 1-800-442-6459, or see your counselor, or visit this web site: uwhelp.wisconsin.edu

For information on Wisconsin's Private Colleges and Universities call toll free 1-800-4-DEGREE or visit web sites: www.wisconsinmentor.org or www.goindependent.org
# The 16 Career Clusters

<table>
<thead>
<tr>
<th>Cluster</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agriculture, Food &amp; Natural Resources</td>
<td>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.</td>
</tr>
<tr>
<td>Architecture &amp; Construction</td>
<td>Careers in designing, planning, managing, building and maintaining the built environment.</td>
</tr>
<tr>
<td>Arts, A/V Technology &amp; Communications</td>
<td>Designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services.</td>
</tr>
<tr>
<td>Business, Management &amp; Administration</td>
<td>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.</td>
</tr>
<tr>
<td>Education &amp; Training</td>
<td>Planning, managing and providing education and training services, and related learning support services.</td>
</tr>
<tr>
<td>Finance</td>
<td>Planning, services for financial and investment planning, banking, insurance, and business financial management.</td>
</tr>
<tr>
<td>Government &amp; Public Administration</td>
<td>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.</td>
</tr>
<tr>
<td>Health Science</td>
<td>Planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.</td>
</tr>
<tr>
<td>Hospitality &amp; Tourism</td>
<td>Hospitality &amp; Tourism encompasses the management, marketing and operations of restaurants and other foodservices, lodging, attractions, recreation events and travel related services.</td>
</tr>
<tr>
<td>Human Services</td>
<td>Preparing individuals for employment in career pathways that relate to families and human needs.</td>
</tr>
</tbody>
</table>
## Career Clusters

The LHS Program of Studies incorporates the National 16 Career Clusters into its departments. Throughout this publication you will see icons relating to each of the 16 Career Clusters that have been identified: (See logos and descriptions on this page)

Almost all career possibilities can be found within the clusters. Students at Lincoln High School are fortunate to have the opportunity to take coursework relevant to all 16 Career Clusters. Communicating career and educational goals to your guidance counselor, working with the WisCareers web site and exploring the 16 Career Clusters at [www.careerclusters.org](http://www.careerclusters.org) can aid students in choosing relevant and applied coursework designed to meet their individual educational and career goals.

My top three Career Clusters of interest are:

1. _______________________________________________________________________
2. _______________________________________________________________________
3. _______________________________________________________________________

<table>
<thead>
<tr>
<th>Career Cluster</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Law, Public Safety, Corrections &amp; Security</td>
<td>Planning, managing, and providing legal, public safety, protective services and homeland security, including professional and technical support services.</td>
</tr>
<tr>
<td>Manufacturing</td>
<td>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.</td>
</tr>
<tr>
<td>Marketing, Sales &amp; Service</td>
<td>Planning, managing, and performing marketing activities to reach organizational objectives.</td>
</tr>
<tr>
<td>Science, Technology, Engineering &amp; Mathematics</td>
<td>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.</td>
</tr>
<tr>
<td>Transportation, Distribution &amp; Logistics</td>
<td>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.</td>
</tr>
</tbody>
</table>
Lincoln High School offers a number of Advanced Placement, Honors, and Honors Option courses. These courses are designed to challenge the student. Students considering a college education are especially encouraged to consider rigorous course work in preparation for their college experience.

The prerequisites for various AP, Honors, and Honors option courses vary. Students and parents should note the specific prerequisites for these courses as listed in the course description. Advanced Placement and Honors courses are available in the following departments: Art, Business, Language Arts, Mathematics, Music, Science, Social Studies, and World Language.

**ADVANCED PLACEMENT AND HONORS COURSES:** Students in AP and Honors courses pursue a more rigorous and in-depth study of the course content. The units of study are examined together as a group.

**HONORS OPTION COURSES:** Students in Honors Option courses are expected to complete studies above and beyond the normal class requirements. These additional activities may include a major research paper, oral presentations, extra book reviews, additional lab work, etc. Typically, an Honors Option class will include some students who are pursuing the Honors Option and some students who are not.

**GRADE POINT VALUES** for all classes are as follows:

- A = 4.00
- A- = 3.67
- B+ = 3.33
- B = 3.00
- B- = 2.67
- C+ = 2.33
- C = 2.00
- C- = 1.67
- D+ = 1.33
- D = 1.00
- D- = 0.67
- F = 0.00

**School Comes First**
This means students will not be released for non-school related work programs. All students are required to attend study halls assigned to them.

**Student Incentive Program**
The Student Incentive Program at Lincoln High School is a program designed to provide juniors and seniors who meet the academic and behavior expectations at LHS the opportunity for additional privileges. Our goal is to offer positive reinforcements and incentives for our students who consistently perform up to their capabilities.

**Commons Study Hall**
Juniors and seniors who qualify may be assigned to the Commons instead of a structured study hall. While in the Commons, students will have the freedom to do homework, socialize and/or eat. In order to be eligible for Commons Study Hall, students need to have passing grades, all school fines/fees/obligations taken care of and must be free from discipline referrals.

**Senior Lunch Dismiss**
Seniors in good standing may apply for lunch dismiss which permits them to leave the LHS campus for their 30 minute lunch period. To qualify, students must:
- Have earned 17 credits by the end of their junior year or 19½ credits at the end of the 1st semester of their senior year.
- Have passed all subjects during the semester preceding the semester in which applying.
- Have no school fines, fees, or obligations, including detentions.
- Provide written consent of the parents and administration by completing the application available in the main office.

**Senior Dismiss**
Seniors who have a 5th or 7th hour study hall and are eligible may be granted release privileges. Senior dismiss privilege allow students to leave school grounds during 5th or 7th hour. At this time, this release is only open to 5th and 7th hour students. In order to qualify, students must:
- Have all passing grades with a minimum 2.5 cumulative grade point average from the preceding semester grading period.
- Have 18 credits by the start of the senior year and 19.5 credits by the end of the seventh semester.
- Have no school fines, fees, or obligations, including detentions.
- Provide written consent of the parents and administration by completing the application which is available in the main office.

**Schedules will not be modified for the purpose of gaining a 5th or 7th hour study hall.**

Having poor attendance and/or truancies, violating school rules, or failing classes are all grounds for losing the privileges granted under the Student Incentive Program. Reinstatement of privileges is at the discretion of school administration. Additional expectations and requirements for the senior privilege programs are detailed on the application forms.
ATTENDANCE IN SCHOOL IS EXTREMELY IMPORTANT

State Statue 118.15 indicates the following: “any person having under his or her control a child who is between the ages of six and 18 must cause the child to attend school regularly until the end of the school term, quarter, or semester of the school year in which the child turns 18 years of age.”

Attendance and completion of high school is extremely important. Your attendance becomes a part of your PERMANENT record. This information will be sent out every time your transcripts are sent to colleges or employers. Make your school attendance a top priority in your life! Excellent school attendance gives you the greatest chance for academic success in the classroom. High school attendance is also one of the most important criteria employers use when hiring employees.

SPECIAL STUDENT STATUS

Special Student Status is designed to allow the school to make adjustments and modifications in a student program to meet unique student needs. These special needs may include:

1. Short or long term economic hardship at home.
2. Physical health issues.
3. Emotional and/or adjustment problems.
4. Concurrent college, university, or technical college enrollment.
5. Fifth year student classification.
6. Career related work experience.
7. Unique circumstances (see student's counselor).
8. Recommendations by an M-Team.

See your counselor for more information.

WORKING TOGETHER

Lincoln High School has been recognized state-wide and nationally as an exemplary educational institution. It has a high quality staff and a comprehensive educational program, but all of the awards and the array of offerings described in this “Program of Studies” are meaningless, unless students take advantage of the opportunities available to them.

Students are encouraged to participate actively in school life, go beyond the graduation requirements and take full advantage of what is available here at Lincoln, and work hard to realize their full potential.

Education is a partnership between parents, students, and the school. Parents are invited to actively participate in their student’s educational program. We encourage all parents to contact us with any questions or concerns they might have relative to their student’s status in school. The entire staff of Lincoln High School stands ready to help students and parents in the registration process.

The Lincoln High School counseling staff is available to provide special help and assistance.

Stephanie Derringer (A-E)  Jenna Peterson (K-M)  Lisa Hoch (Sm-Z)
Matthew Hunt (F-J)  Ann Felker (N-Sl)

Feel free to contact them at 422-7316

NON-DISCRIMINATION POLICY

The Wisconsin Rapids Public Schools do not discriminate against pupils on the basis of gender, race, national origin, ancestry, creed, pregnancy, marital or parental status, sexual orientation, or physical, mental, emotional, or learning disability, or handicap in its educational programs or activities. Federal law prohibits discrimination in employment on the basis of age, race, color, national origin, gender, religion, or handicap.

The School District encourages informal resolution of complaints under this policy. If any person believes that the Wisconsin Rapids School District, or any part of the school organization, has failed to follow the law and rules of Wisconsin State Statute 118.13, or in some way discriminates against pupils on the basis listed above, he/she may bring or send a complaint to the administrative offices located at: Thomas A. Lenk Educational Services Center, 510 Peach Street, Wisconsin Rapids, WI 54494-4663.

Ryan Christianson
Principal
Rodney Henke
Kevin Yeske
Associate Principal
Associate Principal

Lincoln High School
1801 - 16th Street South
Wisconsin Rapids, Wisconsin 54494-5499
www.wrps.org
ADVANCED PLACEMENT (AP)

The College Board’s Advanced Placement Program (AP) enables students to pursue college-level studies while still in high school. Based on their performance on rigorous AP Examinations, students can earn credit, advanced placement, or both, for college. Students who intend to apply for college admission and are willing to accept the challenge of a rigorous academic curriculum should strongly consider enrolling in at least one AP course during their junior or senior year.

Why participate?

Find out what you can really do…
By fully engaging the AP experience, students can challenge themselves with college equivalent work while still in high school. Regardless of their performance on the AP exam, students are better prepared for college having fully completed the AP experience because students develop a better understanding of who they are, where they stand, and what it will take to succeed in college.

Enhance your chance for college admission…
Colleges and universities understand the challenge of AP programs and view successful completion of AP courses as an indicator of rigorous academic preparation.

Increase your options…
Earning AP credit allows students to move into upper-level and more self-selected courses in a student’s field of interest. It also improves their ability to complete undergraduate work in four years, take a double major, or pursue a B.A./M.A. program.

AP Exams represent the culmination of AP courses and are thus an integral part of the program. As a result, Lincoln High School fosters the expectation that students who enroll in an AP course will go on to take the corresponding AP Exam. Because the College Board is committed to providing access to AP Exams to all students, it does not require students to take an AP course prior to taking an AP Exam. However, students are highly encouraged to take a formal AP course at Lincoln High School before completing a corresponding AP exam. There will be a fee for each exam.

Each exam is based on the subject matter outlined in its corresponding AP Course Description. These booklets can be downloaded free of charge from www.collegeboard.com/apstudents. AP Exams contain multiple-choice questions and a free-response section (either essay or problem solving).

Lincoln High School currently offers the following AP courses:

- AP Calculus AB
- AP Calculus BC
- AP Statistics
- AP Art History
- AP Music Theory
- AP English Literature and Composition
- AP Psychology
- AP Macroeconomics
- AP Government and Politics
- AP European History
- AP United States History
- AP World History
- AP Chemistry
- AP Physics B
- AP Environmental Science

Advanced Standing (AS)

The Wisconsin Technical Colleges Advanced Standing Program (AS) enables high school students to pursue Technical College credits while taking high school classes. Agreements between Lincoln High School and Wisconsin Technical Colleges make it easy to start earning college credit while in high school.

How does it work?
Once you complete specific high school courses and demonstrated the class competencies by earning an “A” or “B” you are eligible to earn Advanced Standing credit, no fee is required.

Lincoln High School instructors, counselors and administration are all involved in the Certificate of Advanced Standing (AS) process.

The Advanced Standing course credit can be used to fulfill program course requirements (within the Technical College System). Advanced Standing credits will not be included in calculating your Wisconsin Technical College grade point average.

Lincoln High School currently offers the following Advanced Standing and Transcripted Credit agreements with Mid-State Technical College. See page 10 for agreements.

Transcripted Credit (TC)

Transcripted credit courses are an agreement between a high school and Mid-State Technical College in which students may receive both high school credit and technical college credit for specific classes. Upon completion of a transcripted credit course, students receive an official MSTC transcript. See page 10 for agreements.
## Advanced Standing Credit Agreements

**Between**

**Wisconsin Rapids Lincoln High School**

**And**

**Mid-State Technical College**

<table>
<thead>
<tr>
<th>Catalog #</th>
<th>MSTC Course Description</th>
<th>LHS Course(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Agriculture Division</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>080-341</td>
<td>Soils (Natural Resources)</td>
<td></td>
</tr>
<tr>
<td>001-111</td>
<td>Horticulture (Transcripted Credit only)</td>
<td>Horticulture</td>
</tr>
<tr>
<td><strong>Business Division</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>xxx-xxx</td>
<td>Accounting I (Advanced Accounting)</td>
<td>Introduction to Marketing AND Sports &amp; Entertainment Marketing AND Marketing Management</td>
</tr>
<tr>
<td>104-102</td>
<td>Marketing Principles</td>
<td></td>
</tr>
<tr>
<td><strong>General Education Division</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>804-186</td>
<td>Introduction to College Mathematics</td>
<td><em>Option 1</em>: Algebra, Geometry AND Advanced Algebra</td>
</tr>
<tr>
<td>809-196</td>
<td>Introduction to Sociology</td>
<td>Sociology</td>
</tr>
<tr>
<td>806-143</td>
<td>College Physics I</td>
<td>AP Physics B (Physics Level III)</td>
</tr>
<tr>
<td>801-196</td>
<td>Oral/Interpersonal Communication</td>
<td><em>One of the following</em>: Speech Communications I; Speech Communications II; Interpretation of Literature</td>
</tr>
<tr>
<td>810-195</td>
<td>Written Communication</td>
<td><em>One of the following</em>: English III; American Literature &amp; Composition; American Dream; British Literature &amp; Composition; Honors English; AP English Literature &amp; Composition; Advanced Language Structure &amp; Composition</td>
</tr>
<tr>
<td><strong>Service &amp; Health Division</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>xxx-xxx</td>
<td>Foundations of Early Childhood Education</td>
<td>Assistant Child Care Teacher (Transcripted Credit Only)</td>
</tr>
<tr>
<td><strong>Technical &amp; Industrial Division</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>xxx-xxx</td>
<td>Introduction to Electronics</td>
<td>Electronics I</td>
</tr>
<tr>
<td>420-301</td>
<td>Introduction to Machine Tool</td>
<td>Machine Tool Technology I AND Machine Tool Technology II</td>
</tr>
<tr>
<td>442-303</td>
<td>Related Welding I</td>
<td>Welding Technology I AND Welding Technology II</td>
</tr>
</tbody>
</table>

*Introduction to Machine Tool* - students do seat time, but receive A/S for 3 of the 5 credits.
COURSES REQUIRED FOR GRADUATION FROM THIS DEPARTMENT: None

INVESTIGATING ART - No. 608
1/2 Credit Elective - Grades 10, 11, 12

This course offers introductory experiences to the many art courses offered at LHS. Students may explore ideas in clay, tie dye, drawing, or stained glass. Students are assisted in developing their creativity and technical skills in many areas of visual arts. **Art supply cost is $5.00 - $10.00.**

INTRODUCTION TO SCULPTURE, JEWELRY AND CLAY - No. 620
1 Credit Elective - Grades 10, 11, 12

This is the first course which gives you the opportunity to explore ideas in sculpture, jewelry, glass, and ceramics. Sculpture materials may include wood, stone, plaster, paper, metal, or fibers. Jewelry techniques include fabrication and casting, and the setting of gems. Glass techniques include stained glass, mosaic, and simple fused glass pieces. **Art supply cost is $5.00 - $15.00 and $4.00 lab fee.**

ADVANCED SCULPTURE, JEWELRY AND CLAY - No. 623
2 Credit Elective - Grades 11, 12

**Prerequisite** - Introduction To Painting, Drawing and Printmaking/ Introduction To Sculpture, Jewelry and Clay/ Exploring Fibers/ Weaving, Fabric Dying and Printing, or Advanced Fibers with a grade of C or better.

This is a daily two-hour opportunity for any junior or senior who wants to develop their skills and knowledge in the visual arts. Emphasis is on individual involvement through ideas, self expression, creativity, design for concentrated work in painting, drawing or printmaking. Students will also learn the basic principles of design. The art instructor may select one work from each student for permanent display in Lincoln High School. Each student will be expected to participate in a student art show at the end of the year. Creating an Advanced Placement portfolio may be an option for this course. **Art supply cost is $5.00 - $15.00.**

INTRODUCTION TO DRAWING, PAINTING AND PRINTMAKING - No. 610
1 Credit Elective - Grades 10, 11, 12

This course gives you the opportunity to explore ideas in painting, drawing and printing. The student will have the opportunity to develop his/her ability to draw from the real world, invent fantasy art, and will also learn the basic elements of design. Techniques will be offered in graphite pencil, colored pencil, ink, watercolor, acrylic, embossment, and linoleum cut. **Art supply cost is $7.00 - $10.00 and a lab fee of $5.00.**

ADVANCED DRAWING, PAINTING AND PRINTMAKING - No. 613
2 Credit Elective - Grades 11, 12

**Prerequisite** - Introduction To Drawing, Painting and Printmaking/ Introduction To Sculpture, Jewelry and Clay/ Exploring Fibers/ Weaving, Fabric Dying, and Printing/ Advanced Fibers or Digital Imaging with a grade of C.

This is a daily two-hour opportunity for any junior or senior who wants to develop their skills and knowledge in the visual arts. Emphasis is on self expression, creativity, design, and craftsmanship in sculpture, clay, glass, and jewelry. The art instructor may select one work from each student for permanent display in Lincoln High School. Each student will be expected to participate in a student art show at the end of the year. **Art supply cost is $7.00 - $15.00 with a lab fee of $10.00.**
DIGITAL IMAGING - No. 628
1/2 Credit Elective - Grades 10, 11, 12

This course will concentrate on intensive training in PhotoShop, the leading image editing software in the world. Students will work with digital cameras, slides, and color print film from traditional 35 mm or APS camera systems to create original, sophisticated and creative images entirely on the computer. Basic design and photographic skills will also be taught. Students in visual arts, desktop publishing, graphic design, marketing or computer applications courses are ideal candidates for this exciting course! A digital camera is strongly recommended, but students may also use regular cameras of any type. Lab fee is $5.00. A thumb or flash drive is recommended.

COMPUTER GRAPHICS - No. 639
1/2 Credit Elective - Grades 10, 11, 12

The emphasis of this course is on commercial art, design, and problem solving skills. This course explores the preparation and execution of advertising art, artwork for publications, logo design and the internet. Students will learn how to develop ideas quickly, efficiently, and with greater creativity. Computer applications in graphic design are explored using Adobe Illustrator, PhotoShop, and DreamWeaver. If time permits, Flash animation is also introduced. Previous experience in these software titles is NOT required. Students interested in marketing, the printing industry, public relations, journalism, advertising, or free-lance art are encouraged to take this course. A thumb or flash drive is recommended.

VIDEO ARTS - No. 636
1/2 Credit Elective - Grades 10, 11, 12

This class will explore both personal and professional video skills. The class will emphasize the use of video to create productions that have application in the classroom, at home and on the job. Students will develop self-expression, creativity, organization, directing and script writing skills. The class begins with the basics and quickly advances to lighting effects, audio, and use of a computer for editing, and graphics. A lab fee of $1.00 is charged.
EXPLORING FIBERS - No. 603
1/2 Credit Elective - Grades 10, 11, 12
This course introduces students to many forms of fiber arts and crafts including tie dye, weaving, silk painting, basketry, batik, soft sculpture, and silkscreen. The class is based on the elements and principles of design with an emphasis on color theory. Students will also develop problem solving and creative thinking skills. Art supply cost and lab fee is $5.00 to $15.00.

FIBERS, WEAVING, FABRIC DYING AND PRINTING - No. 604
1 Credit Elective - Grades 10, 11, 12
This course explores fiber processes such as beading, felting, collage, bookmaking, papermaking, macrame, jewelry and fabric painting. The class will develop the elements and principles of design with more emphasis on composition and problem solving. Art supply cost and lab fee is $10.00 to $30.00.

ADVANCED FIBERS - No. 605
1 Credit Elective - Grades 11, 12
Prerequisite - Fibers 603 or 604 with grade of C or better, or instructor's permission.
This is a full year class based on the creative use of fibers. Emphasis is on individual problem solving through ideas, self-expression, creativity and design for concentrated work in fibers. Projects may include a combination of fiber with other media such as clay, metal or wood. Students will work in a manner that shows their unique and creative self-expression. Each student will be expected to exhibit a piece in the student art show at the end of the year. Art supply cost and lab fee is $10.00 to $30.00.

INTRODUCTION TO PHOTOGRAPHY - No. 630
1/2 Credit Elective - Grades 10, 11, 12
Prerequisite - Photography is open to all students who possess a camera. (35mm ONLY - No disk or polaroid cameras.)
Film photography is NOT dead! It is enjoying a big resurgence in popularity worldwide. The focus of this class is on the technical process of producing a black and white photograph. This includes use of 35mm cameras, development of black and white film, and the printing of quality photographs. Students also are given the opportunity to explore computer manipulation of their photographs using Adobe PhotoShop. Students are expected to provide five rolls of film, chemical safety glasses, and one package of paper. Art supply cost, lab fee, and field trip cost is approximately $45.00.

ADVANCED PHOTOGRAPHY - No. 632
1 Credit Elective - Grades 11, 12
Prerequisite - Introduction to Photography with a grade of C or better, and a 35mm camera, or a 2-1/4 x 2-1/4 with adjustable lens openings and shutter speeds. Single lens reflex cameras are preferred.
The emphasis of this class is on problem solving. The projects express those ideas in black and white photographs, computer images as well as digital photography. Portraiture, documentary, fine art, commercial, and manipulated darkroom photography are some of the topics that are covered in this class. Two field trips are scheduled in fall and spring to locations in Madison and Oshkosh. Requirements: Students are expected to provide: (a) one film and package of paper per semester, (b) one print for inclusion in the permanent collection, (c) participation in spring art show, (d) students must provide or purchase chemical safety glasses. Art supply cost, lab fee, and field trip cost is approximately $75.00 for the year.

PHOTOGRAPHIC INDEPENDENT STUDY
No. 635
1 Credit Elective - Grade 12
Prerequisite - Introduction to Photography, Advanced Photography with a grade of C or better, and interview with instructor. A 35mm, 2-1/4 x 2-1/4, or digital camera.
The emphasis of this class is on individual problem solving. The projects involve significant ideas and the technical means to express these ideas in a black and white photograph. The student will be scheduled for class one hour each day with the instructor.
Requirements: Same as Advanced Photography.

ADVANCED PLACEMENT COURSE

AP ART HISTORY - No. 625
1 Credit Elective - Grades 10, 11, 12
AP Art History is designed to provide the same benefits to secondary school students as those provided by an introductory college course in art history: an understanding and enjoyment of architecture, sculpture, painting, and other art forms within historical and cultural contexts. Students will be challenged to look at works of art critically, with intelligence and sensitivity, and to articulate what they see or experience. No prior exposure to art history is required. However, students who have done well in other courses in the humanities, such as history and literature, or in any of the studio arts are especially encouraged to enroll. This course is intended for students who plan to take the College Board AP Art History Exam in May.
BUSINESS AND MARKETING EDUCATION

COURSES REQUIRED FOR GRADUATION FROM THIS DEPARTMENT: None

ACCOUNTING:

There is a whole world of opportunities waiting for you in accounting. You could work for an accounting firm, a corporation, a small business, the government, or a non-profit organization. Accounting is an excellent foundation for starting your own business. It is essential that you take accounting if you plan to go to college or technical college for any business degree. Many other majors also require accounting. Two or more semesters are recommended.

ACCOUNTING I - No. 500
1/2 Credit Elective - Grades 10, 11, 12
You will learn the accounting cycle for a small business and basic accounting practices for keeping financial records of a business. The workbook is now online; therefore, computers are used throughout the course. There is a fee for the online working papers of approximately $20.00

*ADVANCED ACCOUNTING - No. 503
1 Credit Elective - Grades 11, 12
Prerequisite - Accounting I
Anyone planning to go to school and major in business or marketing should take Advanced Accounting. Eighty-five percent of high school students declare business as their major or program. Learn and understand the “language of business” and accounting cycle while keeping financial records for a merchandising business and a partnership. Students will have the opportunity to register for transcripted credits at Mid-State Technical College. A fee for course materials of approximately $25.00 is assessed.

PERSONAL FINANCE – No. 506
½ Credit Elective – Grades 11, 12
Satisfies Financial Literacy graduation requirement.

You will be plunged into a world of financial options from the first day you walk out of school. Along with this comes making many crucial decisions that can and will affect your entire life. This course covers many important topics to help you make wise decisions. Topics covered will be: money management strategies; consumer protection strategies, banking (completing a checkbook simulation), the importance of good credit, fundamentals of investing (stocks, bonds, mutual funds), income tax return preparation, housing, risk management (insurance), and retirement planning.

YOUTH APPRENTICESHIP - FINANCIAL SERVICES
No. 515 - 1 Credit Elective - Grades 11, 12
Required courses with this program: Accounting
This program begins in the 11th grade and continues through the rest of the student's high school career. It offers the student who has an interest in finance/banking an opportunity of a lifetime. The student will experience classroom training as well as on-the-job mentor training. Students spend approximately 5-6 hours in school and experience formal training in a local financial institution. The student earns credit for both the classroom and on-the-job instruction.

Students who are interested in this program must see the Youth Apprenticeship Coordinator or counselor to begin the application process.

NOTETAKING - No. 525
1/2 Credit Elective - Grades 10, 11, 12
Prerequisite - None, but Keyboarding recommended.

Do you want to become a better student? You can if you increase your writing speed so that you are able to get down on paper all those important notes your teachers and college professors give you. Notetaking is an abbreviated writing system designed to give students a quick and easy method of writing legible notes quickly with a minimum of learning time. Some students can double their writing rates. Notetaking is a skill that can be used immediately in all classes, as well as a lifetime skill you will use in future years in college, on the job, and for personal use. A fee of approximately $20.00 is charged for the workbook.
KEYBOARDING INFORMATION
A SKILL FOR THE REST OF YOUR LIFE

Virtually every occupation today finds keyboarding skills necessary – doctors, lawyers, office workers, engineers, accountants, business people, managers, etc. These people increasingly use keyboarding skills on their jobs to operate computers. Prepare yourself for the future now!

KEYBOARDING I / INFORMATION PROCESSING I
No. 580
1/2 Credit Elective - Grades 10, 11, 12

Those who are new at keyboarding, or want to start again, will learn touch typing using the proper technique. Information processing skills are emphasized which enable the student to produce basic memos, letters, tables, and reports.

MICROSOFT OFFICE SPECIALIST – No. 546
½ Credit Elective – Grades 10, 11, 12
Prerequisite – none

You will be learning Microsoft Office 2007. Microsoft Office is designed to create a productive and efficient work environment. Many job postings state the need for strong knowledge of MOS office. The more you learn NOW, the more you will have to offer employers in tomorrow’s competitive job market. Microsoft Office 2007 consists of several applications, each designed to perform specific tasks. The primary objective of this course is to teach 21st century skills through a project-based, hands-on approach.

ADVANCED KEYBOARDING / INFORMATION PROCESSING II - No. 581
1/2 Credit Elective - Grades 10, 11, 12
Prerequisite - Keyboarding I.

Prepare yourself for the future by learning to produce advanced documents using word processing and desktop publishing software. Multiple sources of input technology such as voice recognition software, pen input technology, scanners, Web Cams, and digital cameras will be integrated into document production. Students will complete an interesting and realistic simulation to integrate keyboarding, formatting, and word processing skills into a real life work experience.

ADVANCED MICROSOFT OFFICE SPECIALIST –
No. 548
½ Credit Elective – Grades 10, 11, 12
Prerequisite – Microsoft Office Specialist

This course will carry your Microsoft Office skills to an even higher level. It will help you develop advanced techniques that will be highly marketable in the business world.
MARKETING CLUSTER

*INTRODUCTION TO MARKETING AND BUSINESS - No. 550
1/2 Credit Elective - Grades 10, 11, 12

Marketing and Business involves the many activities needed to get products/services from producers to consumers. It's one of the most exciting and vital career areas you could ever explore. This class is a must for all students who plan on succeeding in our very competitive Free Enterprise System. Students will be exposed to Marketing/Business, Economics and Human Relations. Activities will help students apply all of the marketing and business functions and relate them to any career opportunity. In addition, you will learn advanced skills in locating, applying for, and keeping a job. Don’t wait! Prepare for your future now by enrolling in Marketing and Business.

INTERNATIONAL BUSINESS/E COMMERCE - No. 551
1/2 Credit Elective - Grades 10, 11, 12

America’s economic position in the world has changed from one of dominance to one of partnership. Economic activity and policy is increasingly global and interdependent. This class will give students an awareness of our global economy by studying such topics as: international trade, economics, cultures, import/export process, documents involved in trade, global network communications, and careers in international trade. Career exposure will be facilitated by possible mentorships, shadowing, and field trips. Students will be exposed to and use a variety of appropriate technologies.

*SPORTS AND ENTERTAINMENT MARKETING
No. 553
1/2 Credit Elective - Grades 11, 12
Prerequisite - Introduction to Marketing and Business (Students who have not taken Introduction to Marketing and Business may take the course concurrently.)

The Marketing and Business field is seeing exponential growth in the Sports and Entertainment Industry. Now a $480 billion industry, the Sports and Entertainment Industry has become a dominant presence not only in the U.S., but also in the rest of the world. The Sports and Entertainment Industry encompasses everything from movies, music, television, and computer games, to home videos, toys, and clothing lines, as well as theme parks and spectator and recreational sports. Radio, the Internet, theater, and resorts and other activities associated with tourism also fall into this category.

Students will learn the fundamental principles and concepts identified with Sports and Entertainment Marketing, and develop skills through the application of marketing principles in this industry. Students will also have the opportunity to plan, implement and evaluate school and community projects related to Sports and Event Marketing.

STARTING A SMALL BUSINESS - No. 526
1/2 Credit Elective - Grades 10, 11, 12

Be Your Own Boss - Become an Entrepreneur
An entrepreneur is a person who attempts to earn a profit by taking the risk of operating a business enterprise. Thousands of people become entrepreneurs each year. They start their own businesses from scratch, buy existing businesses, or buy franchised businesses. If they are successful in providing products and services to consumers at a profit, they will build rewarding careers for themselves as entrepreneurs.

This class will help you understand what it is like to be an entrepreneur and what is involved in starting a business.

*MARKETING AND BUSINESS MANAGEMENT - No. 554
1 Credit Elective-Grade 12
Prerequisite - C average in any Business or Marketing class (Introduction to Marketing and Business is recommended). Students who have not taken a Marketing or Business class may take Introduction to Marketing and Business concurrently with #554 with teacher's approval.

Marketing and Business Management gives students insight into the characteristics, organization, and operation of business and management. This class will give any student, whether planning to go on to school or work after graduation, the edge in the job market. To be successful in the global and diverse workplace, students must develop communication, human relations, self-management, and workplace enhancement skills. More than ever before, merely being technically competent is not sufficient. Integrated into the classroom instruction are many DECA (An Association of Marketing Students) and FBLA (Future Business Leaders of America) leadership activities.

MARKETING AND BUSINESS MANAGEMENT WORK EXPERIENCE - No. 557
1 Credit Elective - Grade 12
Prerequisite - C average in any Business Or Marketing class (Introduction to Marketing and Business is recommended). Students who have not taken a Marketing or Business class may take Introduction to Marketing and Business concurrently with #557 with teacher's approval.

*Required course to be taken at the same time with work experience: No. 554 Marketing and Business Management

This program is a year long paid work experience for seniors striving for careers in Marketing and Business. There are many options for this work experience. Students may be dismissed early for the supervised work experience if their schedule permits. Get a head start and gain valuable occupational/career skills now!

Students must apply for this program through a marketing or business teacher. Selection is based on skills, employability, attitude, personality, attendance and successful completion of application and prerequisites.
Central Cities Health Institute (CCHI) is a charter school for juniors and seniors. CCHI provides students with the opportunity to explore health careers, develop workplace skills, and gain certifications in First Aid and AED/CPR for the Professional Rescuer, training as a nursing assistant and the option of EMT-Basic. Students must turn in their application by February 8th for admission to CCHI. Applications are available in student services. Notice of acceptance must be presented at time of registration for next year’s classes.

**HEALTH ACADEMY WORKSHOP** - No. 1100
1/2 Credit, Junior Year

Students will learn and expand upon skills needed to be successful in the workplace with development of resumes, portfolios and job applications. Leadership, human growth and development, business communication skills and personal relationship skills will be addressed. Students will gain certification in First Aid and CPR/AED for the Professional Rescuer. **$16.00 fee to cover certification and materials.**

**MEDICAL OCCUPATIONS EXPLORATION** – No. 1106
1 Credit, Junior Year

This course gives students the opportunity to discover a wide range of careers in the health care industry. Information regarding health care career clusters, body systems, trends in health care, infection control, medical terminology, medical math, nutrition and geriatric care. Students will have the opportunity to work on Health Science Career Modules that will provide valuable, hands-on experiences with various health careers. Health Occupations Students of America (HOSA) activities will be integrated throughout the curriculum.

**CERTIFIED NURSING ASSISTANT** – No. 1103
1/4 LHS Credit, 3 MSTC Credits, Junior Year

After successful completion of the Accuplacer test, students will be eligible to participate in the nursing assistant course. A nursing instructor will lead the class in lab hours that will prepare them to work with patients in a clinical setting. Students will spend 32 hours in an off-site lab and 56 hours in a clinical setting outside of the school day. Students will gain certification as a nursing assistant once they have completed the Pearson-Vue test and will then be qualified to work as a CNA. An additional unit in employability skills will be taught, which will address resume building and interviewing techniques. Cost of textbook, workbook, and DVD is approximately $100. Cost is determined by MSTC.

**MEDICAL TERMINOLOGY** – No. 1200
1/2 Credit, Senior Year

Students will study medical abbreviations and medical terminology used in most health care fields. In order to communicate effectively, health care workers must be familiar with common abbreviations and terminology. It will also allow students to further their career exploration studies and renew their CPR/AED for the Professional Rescuer certification. **Students are required to purchase a $40 work book that they keep at the conclusion of the course.**

**HUMAN ANATOMY AND PHYSIOLOGY** – No. 1203
1/2 Credit, Senior Year

Cells, tissues, organs, and organ systems will be studied individually and as cooperative parts of the body. Inherited and acquired diseases of the systems will be studied to clarify the proper function of each system. Students will use knowledge gained through dissection of vertebrates to understand human form and function. Career options involving advanced knowledge of the human body will be explored. This course will have a medical emphasis with use of medical terminology.

**MEDICAL OCCUPATIONS EXTERNSHIP** – No. 1206
1 Credit, Senior Year

Students will be involved in three 5-week externship experiences in the health care setting. The students will have on-the-job training and participate in health care skill development evaluated by their site manager and the classroom teacher. Classroom activities will include portfolio development, health care skill preparation and a research project related to the three externships. This will allow students to gain workplace experience in several of the careers that they study throughout their years with CCHI.

**EMT-BASIC** –
No LHS Credit, 4 MSTC Credits, Senior Year

EMT-basic is a senior year elective that is offered through Mid-State Technical College. This course is scheduled one evening a week from August through May.
INTRODUCTION TO COMPUTERS - No. 561
1/2 Credit Elective - Grades 10, 11, 12

Introduction to Computers meets the Computer Science/Math/Science credit requirement.

This one semester course is a general survey of computers and computing. It is designed to give students a hands-on overview of the main computer concepts of today: current applications software, hardware, programming, graphics, and digitizing equipment. In addition, the social and moral impact associated with computer use, as well as computer safety, history, and purchasing a computer will be addressed.

DESKTOP PUBLISHING - No. 562
1/2 Credit Elective - Grades 10, 11, 12

Desktop Publishing does not meet the Computer Science/Math/Science credit requirement.

Desktop Publishing is a one semester course that will allow students to create professional looking publications on the computer. The students will use the elements of good design to create a variety of publications such as newsletters, CD/DVD covers, business cards, and brochures. Students will be working with scanners, digital cameras, and other digitizing equipment to produce enhanced documents in Microsoft Publisher and Adobe In Design CS4. Students will receive a general literacy of computers and computing.

INTRODUCTION TO WEB SITE DESIGN - No. 563
1/2 Credit Elective - Grades 10, 11, 12
Prerequisite - Introduction to Computers

The growth of the Internet and technology has generated a variety of occupations related to the design, development, and maintenance of the Internet. Introduction to Web Site Design is a one semester course that will allow students to explore the creation and design of Web sites. Students will design a variety of web sites that will include digital animations, animated graphics, and video clips. New web design techniques and concepts are included in the class.

PRACTICAL COMPUTER APPLICATIONS - No. 573
1/2 Credit Elective - Grades 10, 11, 12
Prerequisite - Introduction to Computers

Practical Computer Applications is a one semester course to expand your knowledge of computers and build confidence in dealing with new technology and software. State of the art software in the Windows and Office 2007 environment are used to enhance the student's ability to work with digital animations, digital sound manipulations, and digital video editing. Student developed projects and software exploration of a personal nature are encouraged in this class.

VISUAL BASIC - No. 564
1/2 Credit Elective - Grades 10, 11, 12
Prerequisite - Introduction to Computers

Visual Basic is a one semester course that provides an introduction to computer programming. Students will be introduced to basic programming structures and current programming practices. They will use these skills to design and write their own programs in Visual Basic, a simple, interactive programming language. Visual Basic is fundamental in today's programming environment. This is an excellent introductory programming course and is a prerequisite for all other programming courses.

ADVANCED VISUAL BASIC - No. 566
1/2 Credit Elective - Grades 10, 11, 12
Prerequisite - Visual Basic

Students will extend the concepts presented in first semester Visual Basic. Searching and sorting algorithms, data structures, and control structures will be explored. In addition, integration with Microsoft Office will be covered. Upon completion of this course, students will have skills that will increase their life options beyond high school.

VISUAL C# - No. 568
1/2 Credit Elective - Grades 10, 11, 12
Prerequisite - Visual Basic

Visual C# is the current language of choice in the educational and professional computing world. Students will be exposed to current programming practices and structures. Students will become familiar with the C# language and the Visual C# development environment. Topics covered include the use of variables, input and output, decision making, loops, functions, structures, and data file basics. An introduction to game design and development will also be addressed. Visual C# will be offered during the 2010-2011 school year. It will be offered on a rotating basis with Java.

ADVANCED VISUAL C# - No. 569
1/2 Credit Elective - Grades 11, 12
Prerequisite - Visual C#

Advanced Visual C# will review and extend the concepts of the first semester of Visual C#. A discussion of object oriented programming, class structure, arrays, linked lists, other data structures, and searching and sorting algorithms in Visual C# will be included. Game design and development will be further expanded upon. This course will prepare students for technical colleges, four year universities, or direct employment in the computer industry.
JAVA - No. 570
1/2 Credit Elective - Grades 10, 11, 12
Prerequisite - Visual Basic

Java is an object-oriented programming language that is tightly tied to web page development. Students will become familiar with command-line code and an integrated development environment. The course covers the central programming concepts of variables, input, output, decision-making structures, loops, methods, and classes. Stand alone programs, as well as applets, will be created. An introduction to game design and development will also be addressed.

Java will NOT be offered during the 2010-2011 school year. It will be offered on a rotating basis with Visual C#.

A+ COMPUTER MAINTENANCE AND REPAIR
No. 577
1 Credit Elective - Grades 11, 12
2 Hour block for 1 semester
Prerequisite - Introduction to Computers

Having a technical foundation is critical in today's society. A+ will provide a strong technical background that studies computer hardware and software. Students will receive instruction and hands-on experience in the areas of: PC hardware, computer safety, peripheral hardware devices, operating systems-Windows and Linux, preventive maintenance, and customer service. This course allows students to build and maintain their own computer and culminates with a student built computer network that includes a LAN game.

This course is appropriate for students planning to enter the workforce, technical school, or a four year university. This course will prepare students to take the prestigious A+ certification, but does not guarantee the student will pass the exam. Articulation agreements have been set up with post secondary institutions to offer college credit for successful completion of this class.

ADVANCED JAVA - NO. 571
1/2 Credit Elective - Grades 11, 12
Prerequisite - Java

This course will expand on the concepts presented in the first semester of Java. A discussion of object-oriented programming, class structure, arrays, linked lists, other data structures, and searching and sorting algorithms in Java will be included. Game design and development will be further expanded upon. This course will prepare students for technical colleges, four year universities, or direct employment in the computer industry.

STUDENT HELP DESK - No. 578
1/2 Credit Elective - Grades 11, 12
Prerequisite - Practical Applications & Computer Animations or A+ Maintenance and Repair or Teacher Consent.

The growth of technology and the integral role it has played in education has generated a variety of problems related to maintenance and deployment of computer services. Student Help Desk is a one semester course that will allow students an option to enhance communication skills by completing a full hands-on technical analysis of hardware and software problems. Students will receive a service request from a staff member and take the appropriate actions to resolve the issue. This program will provide real simulations to common problems faced in today's business world. The students will also have the option to study and obtain post-secondary information technology certifications.
DRIVER EDUCATION

The goal of Driver Education is to develop members of the community who will be competent users of the highway transportation system.

DRIVER EDUCATION - No. 901 (Semester 1), No. 902 (Semester 2)
1/4 Credit Elective - Grades 10, 11, 12

Classroom, simulator, and behind-the-wheel are required by state law for all under 18 years of age. The course provides means by which the student can acquire basic attitudes, concepts, habits and skills needed by the good citizen driver. The simulator phase (6 weeks) provides the students with the opportunity to develop driving skills in the safety of the classroom through the use of an electro-mechanical simulator. The behind-the-wheel phase (4 weeks) teaches the student to operate the car on the road in traffic situations safely, skillfully and economically. The simulator and behind-the-wheel phases will be taught during the student’s study hall, the same hour but opposite day of the classroom phase. Younger second semester students may have to complete behind-the-wheel during the summer.

Students may take Driver Education either Semester 1 or 2, according to their birthdays. Course 901 is for students born on or before April 30, 1995. Course 902 is for students born May 1, 1995 or later. Depending on numbers, course 901 may include May birthdays.

A $310.00 fee is charged to help fund the cost of the road course and the vehicle expenses of insurance, fuel, and daily rental. This fee is paid while the student is in simulator and before they start street instruction.
The use of materials varies from class to class. In all classes, a fee may be charged for supplies and field trips as determined by the class and the instructor. In case of extreme hardship, fees for classes may be waived.

**FAMILY ISSUES**

**RELATIONSHIPS - No. 938**
1/2 Credit Elective-Grades 10, 11, 12

Strong and healthy relationships are a vital part of life and successful relationships begin with you! This class will examine real-world issues and concerns facing teens, young adults, and families. A variety of problem solving activities, informal discussions, videos, guest speakers, and creative projects will provide you with a better understanding of the skills and qualities needed for meaningful relationships. You will feel better prepared to make decisions as you face the challenges and stresses of life.

**INFANT and TODDLER – No. 936**
1/2 Credit Elective-Grades 10, 11, 12

Students will discover the rewards, responsibilities and challenges required when caring for infants and toddlers, through classroom discussions, activities and caring of a computerized baby for one weekend. The course will explore infant and toddler theories and development and early childhood opportunities and career choices. Students will spend time at local centers interacting with children. Students will have the option to begin working towards a Department of Public Instruction Early Childhood Education Certification as an assistant child care teacher. Full assistant child care teacher certification is obtained once the Assistant Child Care Teacher course is also completed.  
A field trip and lab fee of $10.00 is required.

**ON YOUR OWN – No. 939**
1/2 Credit Elective-Grades 10, 11, 12

Are you looking ahead to the future and thinking about your life beyond high school? Success is the key to independence. Explore your future goals, learn how to buy a car, understand credit and insurance. You’ll set up a budget, explore local housing, determine roommates, and organize and cook a meal on a tight budget. This course will help you handle the transitions into independence. If you want to be more successful as a young adult, this course is designed for you. **Taking this class will meet the Financial Literacy requirement for graduation. A supply and field trip fee of $10.00 is required.**

**ASISTANT CHILD CARE TEACHER – No. 937**
1/2 Credit Elective-Grades 11, 12

Prerequisite: Infant and Toddler

Expand knowledge gained in Infant and Toddler class learning about the development and care of young children. Coursework will also include activities preparing curriculum in which students will facilitate at local child care centers. Students will have the option of continuing and completing their Department of Public Instruction Early Childhood Education Certification, making them able to be hired at a child care center as an assistant child care teacher. Students need to be 17 or 18 to take this course, or turn 17 during the course. **This course can be taken for Mid-State Technical College transcripted credits. A field trip fee of $15.00 is required.**
### SEWING FOR TODAY - No. 912
1/2 Credit Elective - Grades 10, 11, 12

Open up a whole new world of individual creativity by learning to sew. Learn sewing and design techniques used in the sewing industry. Sew clothes, accessories, quilts, pillows and many other useful items for yourself and others. Students are expected to pay for fabric and sewing supplies for at least three projects. **A lab fee of $10.00 is required.**

### FASHIONS AND DESIGN - No. 914
1/2 Credit Elective - Grades 10, 11, 12

Learn fashion terms and enter the world of fashion design. Achieve a professional look while continuing to develop your sewing skills. Fashion and design principles will be used to personalize and develop creative projects. Sewing is a life skill that provides personal satisfaction, creativity and career options. **Students are expected to pay for fabrics, sewing supplies and a $5.00 lab fee.**

### INTERIOR DESIGN - No. 930
1/2 Credit Elective - Grades 10, 11, 12

Creatively design your future home to reflect your style of living, examine housing options, draw your own floor plans, and create a furnished room. Investigate careers in housing and interior design. Learn to be creative while making decorations and accessories to enhance your home. **Students are expected to pay for accessory/decorating supplies. A supply and field trip fee of $10.00 is required.**

### BAKING AND TECHNOLOGY - No. 941
1/2 Credit Elective - Grades 10, 11, 12

Trace the origins of baking from the past to the present. Investigate the history of pastry and baking arts. Apply the use of technology and tools used to create cookies, quick bread, pies, sourdough breads, yeast breads and rolls, calzones, pizza, focaccias, candy making, cakes and specialty desserts. Learn the skills of the trade to bake with a creative touch and how to market a quality product in a simulated bakeshop. **A fee of $15.00 is required.**

### CULTURAL CUISINE - No. 942
1/2 Credit Elective - Grades 10, 11, 12

Be creative and entertain with an international flare. Travel the United States as you prepare foods that are part of our American heritage. Investigate, prepare and experience the foods that represent the many regions of the world and their cultural influences. Labs will include regional American and ethnic foods. Field trips to specialty restaurants and demonstrations will enhance the classroom activities. **Lab and field trip fee of $15.00 is required.**

### FOOD & FITNESS - No. 924
1/2 Credit Elective - Grades 10, 11, 12

Apply the basic skills in food preparation and meal planning that emphasizes the Dietary Guidelines, the Food Pyramid, and making healthy life-style choices. Labs will emphasize creative food preparation techniques in breakfast, luncheon, and dinner menus by making soups, salads, breads, desserts, pasta entrees, easy meals, and managing your food spending. **A fee of $15.00 is required.**
Professional Cooking I (ProStart I) – No. 926
½ Credit Elective – Grades 10, 11, 12

Learn to cook like the Pro’s. Experience aspects of operating and managing a food service establishment in a special “ProStart” program designed by the National Restaurant Association. The classroom comes alive with job-relevant lessons and hands-on-learning and training for employment opportunities. Learn the culinary techniques used by the chefs in: the art of garnishing, short order cookery techniques in breakfast buffet services, creative sandwiches, salad bars and dressings, herbs & spices, safety and sanitation, use of quality equipment and cost controls and in a specially designed professional food service kitchen. Students will create and modify recipes and produce a cooking show series. A $25.00 lab fee is required.

Professional Cooking II (ProStart II) – No. 928
½ Credit Elective – Grades 11, 12

Prerequisite: Completion of Professional Cooking I with a grade of C or better. (Seniors may take Professional Cooking I concurrently with instructor approval.)

Take your skills as a chef to the next level. Apply your creative talents in menu development and marketing of a restaurant and the art of service. Culinary skills will focus on preparation of entrée’s including, meat, poultry and seafood, sauces, soups, pasta, potatoes and grains, desserts and baked goods. a $25.00 lab fee is required.

Professional Cooking Work Experience – No. 920
½ Credit Elective per Semester – Grades 11, 12

Prerequisite: Completion of Professional Cooking I with a grade of C or better. (Seniors may take Professional Cooking I concurrently with instructor approval.)

Capitalize on the skills obtained in Professional Cooking I and II and put what you have learned to work in an approved work site. The Food & Hospitality Industry is one of the largest employers in the state of Wisconsin – Be Part of It. More than eight out of ten salaried employees at restaurants started out as hourly employees. Opportunities are unlimited. A “Skill Certificate” may be earned for students who have completed all requirements in Pro Start. Acceptance into the program is based on instructor’s approval.

*Scholarship opportunities are available for students continuing in a related field of study.
*FCCLA extends leadership and career development skills beyond the classroom.

Addition Opportunities for Professional Cooking I and Professional Cooking II:
*Professional Cooking Work Experience and earn an additional ½ credit per semester in an approved work site.
*Eligibility to compete in Culinary Competitions with scholarship opportunities.
*Student completing Professional Cooking I & II may be eligible for up to 12 credits (advance standing) at a participating technical college or university.
**Participation in FCCLA provides additional leadership and skill development opportunities beyond the classroom.
COURSES REQUIRED FOR GRADUATION FROM THIS DEPARTMENT:

1 credit of English I.
1 credit of English II.
2 credits (minimum) from the English electives:
112, 115, 118, 121, 123, 125, 128, 130, 132, 134, 138, 140, 145, 149, 150, 152, 154, 158, 159, 160, 180A, 213B.

ENGLISH II - No. 106
1 Credit Required - Grade 10

This required sophomore course provides instruction and practice in many of the communication skills students will find necessary throughout high school. Students can expect to study short stories, patterns of meaning, analogies, figurative language, mythology, drama and several novels. They may expect to improve their reading comprehension skills, including vocabulary, and their methods of organizing written and spoken presentations through essay questions on tests, full-length compositions and short speeches.

PUBLICATIONS: YEARBOOK - No. 170
1 Credit Elective - Grades 10, 11, 12

Prerequisite - Permission slip signed by the Publications teacher and the student’s current English teacher.

NOTE: This class is NOT available for English credit.

This full year course publishes the LHS yearbook, The Ahdawagam. Students practice journalistic and visual arts skills including interviewing sources, writing in the journalistic style, layout and design, photography and photo editing, and word processing. Production is web-based, and students are accountable for meeting deadlines. Some out of class work will be expected.

*AMERICAN LITERATURE AND COMPOSITION
No. 112
1 Credit Elective - Grades 11, 12

Prerequisite - Must have received an A or B in English II. At the time of registration, ALL STUDENTS must turn in to the American Literature and Composition instructor a permission slip signed by their English II or junior English instructor.

This full year course offers a study of American writers and their works, composition work that centers on research skills and exposition, and language study. Some speech experiences are coordinated with the units in literature, language and writing. This is a highly structured, accelerated course for the students who intend to continue their education after high school as well as students with a high interest in literature.

*AMERICAN DREAM - No. 213A, 213B
Grade 11

American Studies: 1 Credit -- American Literature: 1 Credit
Prerequisite - Must have received an A or B in English II OR the consent of the English II instructor. At the time of registration, all students need to turn in a permission slip signed by their English II teacher. (Not open to students who have taken English III, American Literature and Composition, American Studies, or AP US History.) Note: If the number of students requesting this class exceeds class limits, students will be selected by a lottery system.

American Dream is an integrated full year course which blends American history with America’s literary tradition. Students will study the issues in our past and will read the literature associated with each period. Much of the learning is discussion based and an emphasis is placed on writing essays. The course is team taught by a social studies teacher and a language arts teacher and is a two-hour block. The course fulfills the required credit in American Studies as well as one credit in Language Arts.

*ENGLISH III - No. 115
1 Credit Elective - Grades 11, 12

Not open to students who have taken American Literature and Composition or American Dream.

This full year course is designed to extend the basic reading, writing, listening, and speaking skills learned in English II. Such themes as war, loneliness, roots, and alienation are explored through the reading of novels, plays, short stories and poems. Class discussions, individual presentations and frequent compositions are expected of all students. There is an emphasis on American literature.

ENGLISH - No. 180A & READING FOR LIFE - No. 180B
1 Credit English - Grades 10, 11, 12
1 Credit Elective - Grades 10, 11, 12

Prerequisite - The teachers of this class select students based on course selection criteria.

This year-long intensive reading intervention program is designed to meet the needs of students who are reading significantly below grade level. Student individual needs are addressed through adaptive instructional software, high-interest fiction and non-fiction, and direct instruction in reading and writing skills. Students can sign up for No. 180A (1 Credit) or 180A AND 180B (2 Credits) Not NCAA approved.
*ADVANCED LANGUAGE STRUCTURE AND COMPOSITION - No. 138
1/2 Credit Elective - Grades 11, 12
Prerequisite - An A or B in English II or Junior English class.
Not open to students who have taken Comprehensive Language Structure and Composition.

This course helps students refine their grammar knowledge, improve their writing, and prepare for the ACT. In this course, students complete an extensive study of the parts of speech, sentence patterns, verbs, clauses, and punctuation usage. While studying these elements of the English language, students write a highly-polished composition focusing on description, reflection, and personal experience. Strong writing models will be read and discussed to further improve students’ writing. At the end of the semester, students may submit their writing to Bloodstone, LHS’s literary journal.

*COMPREHENSIVE LANGUAGE STRUCTURE AND COMPOSITION - No. 125
1 Credit Elective - Grades 11, 12
Not open to students who have taken Advanced Language Structure and Composition.

This course is for anyone wishing to improve language skills through an increased understanding of writing, grammar and vocabulary. It will include extensive study in vocabulary, grammar, usage, sentence combining, and punctuation. Compositions will include practice in areas such as exposition, description, and personal experience. Students should expect daily assignments to practice lesson concepts. Students also complete a reading workshop log each quarter which culminates in semester project presentations. Class participation is required. Students are expected to purchase a 1 1/2” binder.

*INTRODUCTION TO THEATRE - No. 132
1/2 Credit Elective - Grades 10, 11, 12

Reading, writing, speaking, and listening skills are the focus of this class, with an emphasis on the subject of theatre. Students will be expected to read and analyze several plays and write a series of papers on various aspects of drama. Some projects will require performance in front of the class.

*ADVANCED DRAMA - No. 134
1/2 Credit Elective - Grades 11, 12

Advanced Drama is for the serious drama student. The course will cover areas of theatre that are too complicated or that require more skills and ability than Introduction to Theatre. The course will include reading and analyzing plays, reporting on aspects of theatre orally and in written papers. A major research project will also be assigned.

*THEATRE TECHNOLOGY - No. 136
1/2 Credit Elective - Grades 10, 11, 12
Note: This class is NOT available for English credit.

This course will offer hands-on instruction in theatre safety; stage rigging; stage scenery design and construction; lighting design and implementation; and make up design and application. Students will be required to log 20 hours of service learning time and to work as technicians at three (3) PAC events outside of normal school hours.

*SPEECH COMMUNICATIONS I - No. 152
1/2 Credit Elective - Grades 10, 11, 12

This course offers the student the opportunity to develop research skills, speech construction skills, oral composition skills, technique skills, and critical analysis skills. There is an emphasis on research reading, speech writing, critical listening, and the development of poise and confidence through platform speaking. The five purposes of speech making are covered. Speech is required in many colleges and universities, so this course would be especially helpful to those students going on to college after high school graduation. There is also a study of effects of language on communication and the use of supporting material to communicate.

*SPEECH COMMUNICATIONS II - No. 154
1/2 Credit Elective - Grades 10, 11, 12
Prerequisite - Speech Communications I or consent of instructor.

This course offers the student the opportunity to sharpen skills in research reading, critical and analytical writing, specialized listening skills as a contributing individual in small group situations, and oral speaking occasions, group and conference presentations, public argumentation, movie and television critiques, and news broadcasting. There is an emphasis on reading historical and contemporary speeches and the evaluation of them. There is an added emphasis on adapting the speech structure to the audience with the use of voice, audio-visual aids, and alternative patterns of organization.

*INTERPRETATION OF LITERATURE - No. 160
1/2 Credit Elective - Grades 10, 11, 12 (1st semester only)

The purpose of this course is to analyze, research, and orally present forms of literature: children’s literature, fairy tales, myths from around the world, classics and contemporary adult prose, poetry, non-fiction, and drama. There is an emphasis on developing the reading skills of expression. Group interpretation and drama interests are also explored. A must for future elementary teachers, child care workers, parents, budding actors, and students who may want to join the LHS forensics team. Oral presentations are required.

*CREATIVE WRITING - No. 140
1/2 Credit Elective - Grades 11, 12

This course is designed to broaden the students’ writing experiences and to equip them to write vigorously, colorfully, and correctly. Emphasis is given to practice in observing and describing things — leading to writing projects such as short stories, poetry, children’s stories, essays and short prose. Ample opportunity is given for creative self-expression, both orally and in writing. Students will read and analyze good writing models in order to improve their own writing. Original works may be submitted to Bloodstone, LHS’s literary journal.
POETRY - No. 150
1/2 Credit Elective - Grades 11, 12
This course is a study of the art of writing poetry based on the criteria set forth in the text and models from works chosen by the students and teacher. Assignments include writing and rewriting poetry; analyzing and evaluating classmates’ poems and published works; and doing writing, speaking, and research exercises to familiarize the student with figurative language, observation of detail, and poetic structure. Poetry devices are emphasized in this course. Students are expected to keep a file of their work and do an analysis of the work of a poet. Individual help is given to each student. Original poetry will be submitted to the LHS literary journal, Bloodstone.

SEARCH FOR IDENTITY - No. 130
1/2 Credit Elective - Grades 12
Stories of horror, mystery, crime and conspiracy are the content of this course. The course will include the reading of short stories and non-fiction articles. Drills in basic language structure and usage, and frequent writing. Oral work includes one or two brief class presentations and class discussions.

LITERARY MEDIA STUDIES - No. 149
1/2 Credit Elective - Grades 12
Students participating in this course will study literature as presented through the media. Students will read, listen to, watch, and discuss the print and broadcast media as well as write critiques. There will be emphasis on studying media forms: informational, persuasive, and entertainment. Students are expected to arrive at an understanding of the impact of the media on the individual and society. Frequent papers and oral presentations will be required.

CONTEMPORARY LITERATURE - No. 128
1/2 Credit Elective - Grades 11, 12
This course emphasizes individual reading and writing. The structure is the grade contract, with students choosing the readings that will not only interest them, but also broaden their knowledge of themselves, human behavior and society. Students will choose one-half of their readings from a recommended reading list. Evaluation is based on written book evaluations and conferences with the instructor.

LITERATURE OF THE OUTDOORS - No. 145
1/2 Credit Elective - Grade 12
This course focuses on literature related to man’s relationship to his outdoor environment. Subject areas may include issues related to endangered species, sportsman’s ethics, survival, and ecological relationships. Reading novels, poems, short stories, and non-fiction articles in magazines and newspapers will meet these goals. Students will write clearly developed paragraphs and themes and participate in class discussions.

*BRITISH LITERATURE AND COMPOSITION - No. 118
1 Credit Elective - Grade 12
This course is designed for students who intend to continue developing the reading and composition skills necessary for education after high school. The reading selection includes a study of major British literature including selections from Beowulf, Chaucer, Milton, Shakespeare, and Tolkien. The composition component of the course offers work aimed at developing writing skills including literary analysis, organization, and grammar.

*HONORS ENGLISH
No. 123
1 Credit Elective - Grade 12
Prerequisite - An A, B, OR C in AP English Literature and Composition or an A or B in Junior English course. At the time of registration, ALL STUDENTS must turn in to the Honors instructor a permission slip signed by their Junior English instructor.

This course is designed for students who are prepared and motivated to do advanced work aimed at enhancing reading and composition skills. Students who take this course should be passionate about literature and frequently read quality literature on their own. The course's content will derive predominantly from British and world literature interspersed with several challenging novels assigned as independent reading. The composition component of the course stresses advanced literary analysis, organization, and grammar.

*AP ENGLISH LITERATURE AND COMPOSITION - No. 121
1 Credit Elective - Grades 11, 12
This course is designed for students who intend to take the College Board AP English Literature & Composition Exam in May. Students who take this course should be prepared to read challenging literature to potentially test out of an entry level college English course(s). The world literature selection ranges from masterpieces to contemporary classics originally written in or translated into English. The composition component of the course focuses on advanced literary analysis, organization, and grammar. There is a summer reading assignment for this course.
Language Arts Courses
Course descriptions should be read carefully, paying particular attention to the prerequisite requirements.

**REQUIRED**
- English I
  - 9 credits

**Required Courses**
- English & Reading for Life
  - 10, 11, 12
  - 1 English credit
  - 1 elective credit

These courses are available to students in GRADES 10, 11, and 12.

- Speech Communications I
  - 10, 11, 12
  - 1/2 credit
- Speech Communications II
  - 10, 11, 12
  - 1/2 credit
- Interpretation of Literature
  - 10, 11, 12
  - 1/2 credit

**Required Courses**
- Introduction to Theatre
  - 10, 11, 12
  - 1/2 elective credit
- Theatre Technology
  - 10, 11, 12
  - (not English credit)
  - 1/2 elective credit
- Publications: Yearbook
  - 10, 11, 12
  - (not English credit)
  - 1 elective credit

These courses are available to students in GRADES 11 and 12.

- American Dream
  - 11 only
  - 1 credit English
  - 1 credit American Studies
- American Literature and Composition
  - 11, 12
  - 1 credit
- Comprehensive Language Structure and Composition
  - 11, 12
  - 1 credit
- Advanced Language Structure and Composition
  - 11, 12
  - 1/2 credit
- Advanced Drama
  - 11, 12
  - 1/2 credit
- AP English Literature and Composition
  - 11, 12
  - 1 credit
- English III
  - 11, 12
  - 1 credit
- Contemporary Literature
  - 11, 12
  - 1/2 credit
- Creative Writing
  - 11, 12
  - 1/2 credit
- Poetry
  - 11, 12
  - 1/2 credit

These courses are available only to students in GRADE 12.

- L3 Media
  - 12
  - 1/2 credit
- Search for Identity
  - 12
  - 1/2 credit
- Biblical Literature and Composition
  - 12
  - 1 credit
- Honors English
  - 12
  - 1 credit
- Literature of the Outdoors
  - 12
  - 1/2 credit
MATHEMATICS

Advanced Standing Courses (marked *)
See page 9-10 for details

Pre-engineering program, Project Lead the Way (PLTW)
information is on page 42

Course Offerings for Grades 7 – 12
Beginning in Fall 2010, WRPS will offer a single math program for students at the junior high and high school level. Students currently enrolled in Core math classes will be able to continue with the next Core class.

Requirements and Recommendations

- Two credits of mathematics in Grades 9-12 are required for Lincoln High School graduation. Students will be introduced to all state mathematics standards in Algebra 1 and Geometry.
- Three credits of math—Algebra 1, Geometry, and Algebra 2—are required to meet minimum enrollment requirements for most colleges and universities. Mastery of state mathematics standards should not be expected before completing these courses.
- Four credits of math—Algebra 1, Geometry, Algebra 2, and Pre-Calculus—are strongly encouraged for students who plan to attend a four-year college or university.

Course Flowchart

*Grade 11/12 Math Electives

Explorations in Algebra, Geometry, and Statistics (Provides further study and practice on topics from these areas)

Intermediate Algebra (Aligns with the Mid-State Technical College Intermediate Algebra Course)

Financial Literacy Math 1 and 2 (Meets the Financial Literacy graduation requirement, with a math emphasis)

AP Statistics (Advanced Placement, college-level Statistics class. Algebra 2 is the pre-requisite.)

Requirements for Acceleration

A student preparing to take college-level Calculus as a senior in high school should accelerate the high school curriculum by taking Algebra in Grade 8. This student should possess the following characteristics:

- Is an excellent math student: the student can easily grasp skills and concepts; can work with whole numbers, fractions, and decimals without a calculator; and generally gets A's.
- Scores in the Advanced range on the WKCE.
- Demonstrates advanced ability on Algebra Readiness Inventory.
- Enjoys math class, does math homework independently, and likes challenging math problems.

8th-Grade Algebra students must earn semester grades of B or better to continue on to Geometry in Grade 9.

Course Flowchart—Accelerated Sequence
CORE 2 MATH No. 453
1 Credit Elective – Grades 10, 11
Prerequisite – Core 1

Core 2, the second course in the four-year integrated high school math program, includes strands of various areas of math: algebra and functions, geometry and trigonometry, statistics and probability, and discrete mathematics. Investigations of real-life problems lead to the understanding of important math concepts. In Core 2, the student will study units dealing with these specific topics: matrix models and systems of equations; coordinate geometry and transformations; seeing patterns of association and measuring correlation in data; power models, including inverse variation, quadratics, and radicals; quadrilaterals, triangles, and trig ratios; and probability distributions and expected value. A graphing calculator is required for this course. We recommend a TI-83 Plus or TI-84. 2010-11 is the last year this course will be offered.

*CORE 3 MATH No. 456
1 Credit Elective – Grades 10, 11, 12
Prerequisite – Core 2

Core 3, the third course in the four-year integrated high school math program, continues where Core 2 ended in the study of the various strands of math: algebra and functions, geometry and trigonometry, statistics and probability, and discrete mathematics. In Core 3, the student will study units dealing with these specific topics: algebraic representations and reasoning; linear, exponential, power, quadratic, rational, and periodic functions; geometric transformations; geometric reasoning and proofs; recursion equations; and inferential statistics. This is a fast-paced course for the student who intends to continue their education after high school. A graphing calculator is required for this course. We recommend a TI-83 Plus or TI-84. Core 3 completes the 3 year minimum requirement for college admissions. 2010-11 and 2011-12 are the last two years this course will be offered.

CORE 4 MATH No. 459
1 Credit Elective – Grades 11, 12
Prerequisite – Core 3

Core 4, the fourth course in the four-year integrated high school math program, completes the study of the various strands of math: algebra and functions, geometry and trigonometry, and statistics and probability, with greater emphasis placed on pre-calculus and discrete mathematics. In Core 4, the student will study units dealing with these specific topics: rates of change; modeling motion; probability and counting models; polynomial, rational, composite, inverse, and logarithmic functions; algebraic reasoning; and space geometry. This is a fast-paced course for the student who intends to continue their education after high school. A graphing calculator is required for this course. We recommend a TI-83 Plus or TI-84. With the completion of this course, students will have experienced the algebra-geometry-advanced algebra-advanced math topics. 2010-11, 2011-12, and 2012-13 are the last three years this course will be offered.

ALGEBRA 1 – No. 406
1 Credit Elective—Grade 10
Prerequisite: CMP 8 or Pre-Algebra

Algebra, the first course in the four-year traditional high school math program, is a full-year course devoted to the study of high-school-level algebra. The student will learn and apply algebra skills and concepts to solve many different types of problems—using functions, equations, and graphs as algebraic models. The student will also learn how calculators can help in this process. The student will have a chance to develop skills in reasoning, communicating, and studying, both independently and in a group. Throughout the course, the student will investigate connections to geometry, statistics and probability. A graphing calculator is recommended for this course. We recommend a TI-83 Plus or a TI-84.

GEOMETRY – No. 415
1 Credit Elective—Grades 10, 11
Prerequisite: Algebra

Geometry, the second course in the four-year traditional high school math program, is a full-year course devoted to the study of high-school-level geometry. Geometry emphasizes reasoning and logical thinking and balances coordinate and plane geometry with transformational geometry and solid geometry. The student will study and practice the concept of proof, using two-column, flow, and coordinate proofs. The student will also seek understanding of geometric concepts through construction, incorporating technology as a problem-solving tool. The student will connect geometry to algebra, data analysis, probability, and trigonometry. A graphing calculator is recommended for this course. We recommend a TI-83 Plus or a TI-84.

*ALGEBRA 2 – No. 409
1 Credit Elective – Grades 10, 11, 12
Prerequisite – Geometry

Algebra 2 is a student’s second look at high school algebra. The student will learn about linear, quadratic, exponential, polynomial, rational, and logarithmic functions; data systems; recursion equations; analytic geometry; discrete mathematics; trigonometry; and probability. This is a fast-paced course for those who intend to continue their educations after high school. A graphing calculator is required for this course. We recommend a TI-83 Plus or a TI-84. Algebra 2 completes the 3-year minimum requirement for college admissions.

PRE-CALCULUS – No. 412
1 Credit Elective – Grades 11, 12
Prerequisite – Advanced Algebra

Pre-Calculus is a study of higher level algebra topics in preparation for calculus. The student will learn about linear, quadratic, polynomial, and trigonometric functions; inequalities; exponents and logarithms; analytic geometry; sequences and series; probability and statistics; and limits. This is a fast-paced course for those who plan to continue their educations after high school. A graphing calculator is required for this course. We recommend a TI-83 Plus or a TI-84.
INTRODUCTORY CALCULUS – No. 418
1 Credit Elective – Grade 12
Prerequisite – Advanced Math or Core 4

Introductory Calculus is intended for the college-bound student who does not wish to take an AP math course. In Introductory Calculus, the student will review pre-calculus topics covered in previous courses using much more complicated problems than in the past. Calculus topics will not be covered until second semester; the student will be exposed to only the very basics of calculus and will not cover an entire Calculus course in this class. This is a challenging course for those who intend to continue their educations after high school. A graphing calculator is required for this course. We recommend a TI-83 Plus or a TI-84.

EXPLORATIONS IN ALGEBRA, GEOMETRY, AND STATISTICS – No. 419
1 Credit Elective – Grades 11, 12
Prerequisite - none

Explorations in Algebra, Geometry, and Statistics will provide the student with further study and practice on topics from algebra, geometry and statistics. It is intended for the student who does not yet have full mastery of some of the more basic topics from these disciplines. It will be more computational than theoretical and involve more hands-on activities. It would be good preparation for students who are considering options other than a four-year college. A graphing calculator is required. We recommend a TI-83 Plus or TI-84.

INTERMEDIATE ALGEBRA – No. 420
1 Credit Elective – Grades 11, 12
Prerequisite - Algebra

This course will align with the Mid-State Technical College Intermediate Algebra Course, their entry-level college algebra course. Topics include real numbers and coordinate systems; linear and quadratic equations and inequalities; exponential, logarithmic, polynomial and other functions. One semester of Intermediate Algebra will serve as a good preparation for any Wisconsin Technical College System entry-level algebra course. Successful completion of both semesters (B or better) will qualify the student for Advanced Standing status in Intermediate Algebra at MSTC. A graphing calculator is required. We recommend a TI-83 Plus or TI-84.

FINANCIAL ALGEBRA – No. 421
1 Credit Elective – Grades 11, 12
Prerequisite - none

Financial Algebra is designed to meet the Wisconsin State Financial Literacy Standards by focusing on the mathematical skills and concepts associated with these standards and will meet the Financial Literacy graduation requirement. Students will learn how math can be used in their adult lives as they learn the "mathematics of money”. Specific topics will include money management; credit and debt management; planning, saving, and investing; relating income and education; becoming a critical consumer; community and financial responsibility; and risk management. A graphing calculator is required. We recommend a TI-83 Plus or TI-84.
ADVANCED PLACEMENT COURSES

**Note** At the time of registration, students registering for an AP math class must turn in to the AP instructor a permission slip signed by their current math teacher.

**AP CALCULUS AB – No. 423**  
1 Credit Elective – Grade 12  
Prerequisite – Advanced Math or Core 4

AP Calculus AB consists of a full academic year of work in calculus comparable to that of a first semester course in Calculus at the college or university level. It is expected that students who take AP Calculus AB will seek credit or placement, or both, from institutions of higher learning. Students taking this class are expected to have a full knowledge of all pre-calculus topics including, but not limited to, fractions, factoring, functions, algebraic manipulation and trigonometry. Topics learned in Calculus will be limits, derivatives and integrals. This class will be challenging and time consuming and it is an expectation that students will spend time outside of class to be successful. The Advanced Placement test in Calculus will be given in early May, and those students who choose to take it may earn college credit if they pass the test. **There is a summer math assignment for this course.** Note: Students are **NOT** required to take Calculus in high school as a prerequisite for college mathematics. **A graphing calculator is required for this course. We recommend a TI-83 Plus or TI-84.**

**AP CALCULUS BC – No. 425**  
1 Credit Elective – Grade 12  
Prerequisite – Advanced Math or Core 4

AP Calculus BC consists of a full academic year of work in calculus comparable to that of a first and second semester course in Calculus at the college or university level. It is expected that students who take AP Calculus BC will seek credit or placement, or both, from institutions of higher learning. Students taking this class are expected to have a full knowledge of all pre-calculus topics including, but not limited to, fractions, factoring, functions, algebraic manipulation and trigonometry. Topics learned in Calculus will be limits, derivatives, integrals, sequences and series, parametric equations and vector equations. This class will be challenging and time consuming, and it is an expectation that students will spend time outside of class to be successful. The Advanced Placement test in Calculus will be given in early May and is **REQUIRED** of those students who choose to take Calculus BC. Students may earn college credit if they pass the test. **There is a summer math assignment for this course.** Note: Students are **NOT** required to take Calculus in high school as a prerequisite for college mathematics. **A graphing calculator is required for this course. We recommend a TI-83 Plus or TI-84.**

**AP STATISTICS – No. 427**  
1 Credit Elective – Grades 11, 12  
Prerequisite – Advanced Algebra or Core 3

AP Statistics is an Advanced Placement course offering open to motivated students entering Grade 11 or Grade 12 who have successfully completed Core 3, Core 4, Advanced Algebra, Advanced Math, or Calculus. AP Stats is approximately equivalent to a one-semester college statistics course, which is typically required for college majors such as social sciences, health sciences, business, and education. Science, engineering, and math majors will typically need to take an upper level calculus-based stats course, for which this is an effective preparation. Students are exposed to four broad conceptual themes: Exploring Data, Planning a Study, Anticipating Patterns, and Statistical Inference. Students are expected to take the AP exam in May and may earn college credit. **There is a summer math assignment for this course.** Note: It is recommended that students take AP Statistics along with another math class; AP Statistics may not fulfill a high school math credit requirement for some universities where statistics is a separate department from mathematics. **A graphing calculator with lists is required for this course. We recommend a TI-83 Plus or a TI-84.**
CONCERT BAND - No. 656
1 Credit Elective - Grades 10, 11, 12
Prerequisite - Previous experience on a band instrument or director’s recommendation.

The Concert Band offers students an opportunity to learn and improve on their musical abilities, so as to understand and enjoy music as a fine art. Students in this group may take part in solo/ensemble contests as well as other smaller ensembles such as jazz and pep bands. In addition, the Concert Band will share some of the limited marching responsibilities that take place during football season. This group may split into two bands during concert season if numbers warrant. Individualized lessons are required each semester. **Concerts outside of the school day are an integral part of the curriculum and as such, attendance is required.**

WIND ENSEMBLE - No. 653
1 Credit Elective - Grades 10, 11, 12
Prerequisite - By audition.

This band is made up of students who have progressed to a greater degree of proficiency on their instruments. The main emphasis is on interpretation and performance of fine music literature. Students in this group may also participate in solo/ensemble contests as well as other smaller ensembles such as jazz and pep bands. In addition, the Wind Ensemble will share some of the limited marching responsibilities that take place during the football season. Individualized lessons are required each semester. **Concerts outside of the school day are an integral part of the curriculum and as such, attendance is required.**

SYMPHONY ORCHESTRA - No. 660
1 Credit Elective - Grades 10, 11, 12
Prerequisite - Instrumental proficiency and director recommendation.

This ensemble is offered to students of violin, viola, cello, and double bass. The main emphasis of the class is to gain a thorough understanding of string orchestra techniques and literature. The extra curricular groups offered as part of orchestra class are: Chamber Players, a group that performs in the community, and String Choir, a group that performs at solo/ensemble and offers a challenge to advanced students. Six lessons per semester are required. Symphony Orchestra members are chosen from Wind Ensemble personnel. **Attendance at concerts is required.**

MUSIC HISTORY AND LITERATURE - No. 684
1/2 Credit Elective - Grades 10, 11, 12

This one semester class is designed to give students a better understanding of all musical periods and styles. There will be study of different periods of music and of composers and their musical contributions. There will be a large amount of listening to many musical examples, as well as the study of analytical listening skills. This class is open to students that have not taken music since elementary school, as well as those currently enrolled in Lincoln's performance classes.

BEL CANTO CHOIR - No. 670
1 Credit Elective - Grades 10, 11, 12
Prerequisite - By audition or director’s recommendation.

This women's chorus offers all female students interested in singing to improve the art of singing through in-class work and private lessons. The class refines their technical skills through a wide variety of choral literature and music reading exercises. Singers also have the opportunity to participate in the solo/ensemble music festival. **Attendance at lessons and concerts is required.**

A CAPPELLA CHOIR - No. 673
1 Credit Elective - Grades 10, 11, 12
Prerequisite - By audition or director’s recommendation.

Membership affords an opportunity for artistic musical expression through all mediums of contemporary and traditional choral literature. Emphasis is centered on musical understanding, aesthetics discrimination and ability to read and sing with facility. There is ample opportunity for solo/ensemble performance. Regularly scheduled concerts complete the program. **Attendance at lessons and concerts is required.**

MUSIC TECHNOLOGY - No. 687
1/2 Credit Elective - Grades 10, 11, 12
Prerequisite - Experience on an instrument or voice and an interview with instructor.

This is a course to study the latest technological advances in music education and the music industry. Areas to be covered include: basic music theory and composition, computer assisted composition, synthesizers and other electronic instruments, digital studio recording, and advanced sound reinforcement. **Students will be required to work at several evening concerts during the semester.**

AP MUSIC THEORY - No. 683
1/2 Credit Elective - Grades 10, 11, 12
Prerequisite - Interview with instructor

This is a college-prep course for students interested in pursuing a music major or minor or taking the AP Music Theory Exam. Summer preparation includes a firm understanding of major, minor, and modal scales; solfege (sight-singing); the circle of fifths/key signatures; and rhythm. The course will progress rapidly through a review of these fundamentals and on to intervals, chords, principles of harmony, form, ear-training, and sight-singing. **In-class vocal performance is required.**
PHYSICAL EDUCATION AND HEALTH

COURSES REQUIRED FOR GRADUATION FROM THIS DEPARTMENT: 2 Credits
Physical Education I, II, and III - 1 1/2 Credits (Grades 9-12)
Health Education - 1/2 Credit (Grades 9-12)

PHYSICAL EDUCATION II - No. 880
1/2 Credit Required - Grades 10, 11, 12
The student will develop an understanding of the rules and skills involved in team sports. The sports which promote personal and social relationships include flag football, soccer, softball, doubles pickleball, raiderball, basketball, volleyball, indoor speedball, bukaball, swimming, track and field, and strength training. Students will create activity logs and incorporate heart rate analysis with unit activities.

PHYSICAL EDUCATION III - No. 882
1/2 Credit Required - Grades 11, 12
Prerequisite - Physical Education II
(May be taken a second time as an elective.)
The student will develop an understanding of the skills and strategies involved in a choice of dual and individual activities. There dual and individual activities that are offered within the curriculum to enhance the student’s self-concept and personal well-being. Activities include: tennis, archery, weight training, golf, cross country skiing, swimming, relaxation and badminton. There will be mini-units of several team sports, self defense, bowling, rollerskating, etc. A $15.00 activity fee is required.

STRENGTH CONDITIONING AND FITNESS - No. 884
1/2 Credit Elective - Grades 11, 12
Prerequisite - Physical Education II
(May be taken a second time with instructor approval and successful completion of P.E. III.) Out-of-class time required.
Students will be given the opportunity to design their own individualized strength programs using weight room activities. Students will also take part in cardiovascular activities, plyometric and "fitness" related activities for heart and lung development on alternate days.

AEROBICS AND CONDITIONING - No. 886
1/2 Credit Elective - Grades 11, 12
Prerequisite - Physical Education I, II, III
Students will be given the opportunity to improve their cardiovascular endurance plus shape and tone their bodies through aerobic activities, such as, tae bo, step, hip-hop, cardio Salsa, Yoga, Pilates, and more. Students will also take part in a 4-5 week triathlon training that includes swimming, biking, and running and concludes with a triathlon competition.

SPORTS CHALLENGE - No. 888
1/2 Credit Elective - Grade 12
Prerequisite - Physical Education I, II, III
Sports Challenge includes skill development in various activities and an in-depth study of several team games. A variety of highly competitive tournaments and contests will take place in various units. A study of the individual game strategies of each game will be examined including a look at the principles and history of the games. Officiating skills will be explored.

OUTDOOR EDUCATION - No. 890
1/2 Credit Elective - Grade 12
Prerequisite - Physical Education I, II, III
This course will emphasize group cooperation and improved physical, mental and emotional conditioning through the exploration of outdoor activities. Such activities will include snowshoeing, orienteering, broomball, snorkeling, cross-country skiing, rock climbing and rappelling, biking, and canoeing. Students should have a proficient level of fitness. There is a $20.00 lab fee to cover materials used during the semester.

LIFE RESPONDERS - No. 892
1/2 Credit Elective - Grade 11, 12
Prerequisite - Advanced swimming ability, written consent of the instructor, and Physical Education I, II, III
This course is designed to teach and certify students in first aid, professional rescuer CPR, lifeguard training and WSI. Students who successfully complete this course will be certified as lifeguards and swimming lesson instructors. There is a $100.00 lab fee to cover certification and materials.

HEALTH EDUCATION - No. 895 (Required)
1/2 Credit Required - Grades 10, 11, 12
Note: A health course must be taken during grades 9-12.
This course is a comprehensive health education curriculum. It is designed to provide students with knowledge and skills that will have a positive, long term affect upon their health and the health of others, as well as consequences of behaviors that occur during adolescent years. The class is structured around physical, mental, emotional, and social tasks that students need to resolve in order to develop to their full health potential.

CURRENT ISSUES IN HEALTH - No. 896
1/2 Credit Elective - Grades 10, 11, 12
Prerequisite - Passing grade in the required 9-12 health course.
An advanced health course focusing on health careers, current health topics, and problems related to young adults in today's society. An emphasis will be placed on student focused activities and health related occupations that allow for greater student discovery in the Health field. There is a $5.00 food lab fee.
SCIENCE

COURSES REQUIRED FOR GRADUATION FROM THIS DEPARTMENT: 2 Credits
Comprehensive Natural Science 9 - 1 Credit
Comprehensive Natural Science 10 - 1 Credit.
Successful completion of both CNS 9 and CNS 10 is equivalent to the content of one semester each of biology, chemistry, earth science, and physics.

ADVANCE STANDING COURSES (MARKED*)
See pages 9-10 for details.

OBJECTIVES:
The science program will provide students the opportunity to:
- discover science rather than learn only facts
- become scientifically literate
- develop the ability to live harmoniously with nature
- understand the processes of science

COMPREHENSIVE NATURAL SCIENCE 9 - No. 310
(Physics/Earth Science Level I)
1 Credit Required - This course is only open to students who did not receive the full CNS credit in 9th grade, and is a requirement for graduation.
This class is a required integrated science course, which is based on Wisconsin's Model Academic Standards for Science. Through six units of study, students will explore topics related to earth and space science and physics. Students will gain an understanding and appreciation of science methods and concepts through activities that will include lab and field observations, readings, and classroom and individual projects.
The successful completion of CNS 9 would be equivalent to completing one semester of Physics and one semester of Earth Science.

COMPREHENSIVE NATURAL SCIENCE 10 - No. 316
(Chemistry/Biology Level I)
1 Credit Required - Grade 10
This class is a required integrated science course, which is based on Wisconsin's Model Academic Standards for Science. The content focuses on biology and chemistry through six units of study. This course is a hands-on approach to science that stresses the inquiry method. Students will conduct a year-long project that involves direct, independent research of a question of their own choosing.
The successful completion of CNS 10 would be equivalent to completing one semester of Chemistry and one semester of Biology.

Pre-engineering program, Project Lead the Way (PLTW)
Information on page 42

PRINCIPLES OF THE ENVIRONMENT - No. 320
(Environmental Science Level II)
1/2 credit elective - Grades 11, 12
gateway course into level III
Prerequisites - Successful completion of CNS 9 and CNS 10.
This course will continue the ecological and environmental science concepts that were introduced in CNS 9 and CNS 10. Topics of study include ecosystem structure and function encompassing ideas such as communities and biomes, energy flow and matter cycling; environmental issues such as natural resource and land use and pollution. A unit on water will include the study of a local creek. The topic of energy use will also be explored in detail. Methods of study will include laboratory work, lecture, discussions, use of classroom materials and technology. This class is a prerequisite for AP Environmental Science. A $5.00 lab fee is required for this course.

PRINCIPLES OF BIOLOGY - No. 324
(Biology Level II)
1/2 credit elective - Grades 11, 12
gateway course into Level III
Prerequisites - Successful completion of CNS 9 and CNS 10.
This course will continue the study of biological topics that was started in CNS 9 and CNS 10. This course is designed for students who need to take an additional science course to meet graduation or college entrance requirements, and for students who desire to take a Level III Biology course. As part of the study of the modern system of scientific classification, students will learn why scientists classify living things. Students will learn the major characteristics of organisms in each of the currently recognized Kingdoms, and will study representatives of each of the Kingdoms. Through the study of the evolution of life on Earth and hereditary genetics, students will learn about the history of life and processes that result in change to organisms. Methods of study will involve lab work including frog dissection, lecture, and discussion. A $5.00 lab fee is required for this course.

PRINCIPLES OF CHEMISTRY - No. 330
(Chemistry Level II)
1/2 credit elective - Grades 11, 12
gateway course into level III
Prerequisites - Successful completion of CNS 9 and CNS 10 and a grade of C or better in Algebra.
This course will continue the study of chemistry that was started in CNS 9 and CNS 10. This course is designed for students who need to take an additional science course to meet graduation or college entrance requirements, and also for students who desire to take a Level III Advanced Placement Chemistry course. Chemistry is the study of matter. Topics studied will include chemical compounds, chemical quantities, chemical equations, acids and bases, water and solutions. Methods of study will include laboratory work, lecture, discussion, and use of classroom materials. A scientific calculator is desired for this course. A $5.00 lab fee is required for this course.

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PHYSICAL GEOLOGY - No. 336
(Earth Science Level II)
1/2 credit elective - Grades 11, 12
Prerequisites - Successful completion of CNS 9 and CNS 10
Offered in alternate years beginning with the 2010-2011 school year.

Students will continue the study of Earth Science topics that were introduced in Comprehensive Natural Science 9 (Physics/Earth Science) during the ninth grade year. Through studying properties of minerals, the formation of rocks, weathering and erosion, and plate tectonics, students will gain an understanding of why Earth's surface looks the way that it does. Students will use their understanding of geological processes to explore the history of landforms in Central Wisconsin. This course will help students with an interest in Earth Science meet graduation and college entrance requirements. A $5.00 lab fee is required for this course.

METEOROLOGY, OCEANOGRAPHY, AND CLIMATOLOGY - No. 338
(Earth Science Level II)
1/2 credit elective - Grades 11, 12
Prerequisite - Successful completion of CNS 9 and CNS 10
Offered in alternate years. This course will NOT be offered during the 2010-2011 school year.

Students will continue the study of Earth Science topics that were introduced in Comprehensive Natural Science 9 (Physics/Earth Science) during the ninth grade year. Students will explore the characteristics of the atmosphere and the oceans and investigate the process that influence weather and climate. Major topics will include physical and chemical properties of the oceans, weather patterns that affect Central Wisconsin and North America, and worldwide climate patterns and their causes. Students will use tools of meteorologists to understand local weather, and historical and current climate data to investigate patterns of climate change. This course will help students with an interest in Earth Science meet graduation and college entrance requirements. A $5.00 lab fee is required for this course.

PRINCIPLES OF PHYSICS - No. 340
(Physics Level II)
1/2 credit elective - Grades 11, 12
gateway course to Level III
Prerequisites - Successful completion of CNS 9 and CNS 10; grade of C or better in Geometry

This course is an overview of physics. This course is designed for students who need to take an additional science course to meet college entrance requirements, and for students who desire to take a Level III Physics course. Physics is concerned with the relationship between energy and matter. Topics studied will include forces and motion, waves, sound and light; and electricity and magnetism. These essential topics of physics are covered using laboratory experiments and classroom materials. The emphasis is on the descriptive aspects of physics, but concepts will be reinforced through problem solving. A calculator and a $5.00 lab fee is required for this course.

HUMAN ANATOMY & PHYSIOLOGY (HONORS) - No. 326
(Biology Level III)
1/2 credit elective - Grades 11, 12
Prerequisite - Successful completion of Principles of Biology

This advanced course in biology is designed for students who require complete knowledge of the human body. Through lab, lecture, and discussion based activities, use of classroom materials and technology, and group projects, students will study the structure and function of the human body. Cells, tissues, organs, and organ systems will be studied individually and as cooperative parts of the body. Inherited and acquired diseases of the systems will be studied to clarify the proper functioning of each system. Students will use knowledge gained through dissection of vertebrates to understand human form and function. Career options involving advanced knowledge of the human body will be explored. A $5.00 lab fee is required for this course.

DNA SCIENCE & TECHNOLOGY - No. 328
(Biology Level III)
1/2 credit elective - Grades 11, 12
Prerequisite: Successful completion of Principles of Biology

This advanced rigorous course in biology includes an in-depth study of the DNA molecule and its uses. This course consists of the study of current applications of DNA technology in forensics, agriculture, medicine, and industry. Specific topics of study include genetic modification of organisms, DNA profiling, amplification of DNA by PCR, current understanding of cancer and its genetic origins, and investigation of stem cell research. Social ramifications of the use of biotechnology will be investigated. Methods of study include lab, lecture, discussion, modeling, internet research, use of technology, and group projects. A $5.00 lab fee is required for this course.

ORGANIC AND BIOCHEMISTRY (HONORS) - No. 334
(Chemistry Level III)
1/2 credit elective - Grades 11, 12
Prerequisite - Successful completion of Principles of Chemistry

This advanced course in chemistry is designed for the student who has an interest in an engineering, medical or health related professional career in science. Students will study organic functional groups and polymers as well as biochemistry of carbohydrates, lipids, proteins, and cellular respiration. Methods of study will include laboratory experiments, lecture, discussion-based activities, use of classroom materials and technology, and a research project. A $5.00 lab fee is required for this course.
AP ENVIRONMENTAL SCIENCE - No. 323  
(Environmental Science Level III)  
1/2 credit elective - Grades 11, 12  
Prerequisite - Successful completion of Principles of the Environment.

AP Environmental Science is designed to be the equivalent of a one semester, introductory college course in environmental science and specifically intended for those students who intend to take the college Board AP Environmental Science exam in May. (There will be a cost for this exam.) This course will provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them.  
A $5.00 lab fee is required for this course.

AP CHEMISTRY - No. 331  
(Chemistry Level III)  
1 Credit Elective - Grades 11, 12  
Prerequisite - Successful completion of Principles of Chemistry and at least one additional Level II science course.

AP Chemistry is designed to be the equivalent of a general chemistry course taken during the first year of college. Topics such as the structure of matter, kinetic theory of gases, chemical equilibria, chemical kinetics, and the basic concepts of thermodynamics will be covered in considerable depth. Students will engage laboratory work that challenges their abilities to think clearly and to express their ideas with clarity and logic including an emphases on chemical calculations and the mathematical formulation of principles. A $5.00 Lab fee is required for this course. A calculator is also required.

*AP PHYSICS - No. 345  
(Physics Level III)  
1 Credit Elective - Grades 11, 12  
Prerequisite - Successful completion of Principles of Physics and at least one additional Level II science course.

AP Physics provides a systematic introduction to the main principles of physics and emphasizes the development of conceptual understanding and problem-solving ability using algebra and trigonometry. This course covers topics in Newtonian mechanics, fluid mechanics and thermal physics, electricity and magnetism, waves and optics, atomic and nuclear physics. This one-year course provides a foundation in physics for students interested in the life sciences, pre-medicine, and some applied sciences, as well as other fields not directly related to science. It also includes a laboratory component. Students completing this course will be eligible to take the College Board AP Physics B exam. A $5.00 Lab fee is required for this course. A calculator is also required.
American Government - 1/2 Credit (9th Grade) *** World Issues - 1 Credit (10th Grade) or AP World History
American Studies - 1 Credit (11th Grade) or American Dream or AP United States History *** Social Studies Electives - 1/2 Credit (Grade 12)

ADVANCED STANDING COURSES (marked *)

See Pages 9-10 for details.

WORLD ISSUES - No. 203
1 Credit Required (or AP World History) - Grade 10

The course objectives are: The acquisition of conceptual and factual knowledge and the mastery of basic skills in reading, writing and critical thinking. All of the social studies disciplines are integrated into the curriculum with an emphasis on geography. A variety of sources are used including a textbook. The units will focus on acquiring an appreciation and understanding of the social, political and economic forces at work in the world today and their historical origins. The requirement for World Issues can also be met by taking AP World History.

AMERICAN STUDIES - No. 210
1 Credit Required - Grade 11 (or American Dream or AP United States History)

This course is designed to give the student an overall view of the American experience. The course is conceptual in nature and deals with the major ideas, beliefs, and values that have formed American society. In addition to traditional social studies skills and objectives, students will also approach the study of American history through the arts, geography and literature. The requirement for American Studies can also be met by taking American Dream or AP United States History.

AMERICAN DREAM - No. 213A, 213B
Grade 11
American Studies: 1 Credit -- American Literature: 1 Credit
Prerequisite - Must have received an A or B in English II OR the consent of the English II instructor. At the time of registration, all students need to turn in a permission slip signed by their English II teacher. (Not open to students who have taken English III, American Literature and Composition, or American Studies, or AP United States History.) Note: If the number of students requesting this class exceed class limits, students will be selected by a lottery system.

American Dream is an integrated full year course combining American Studies, which is a required course, and American Literature and Composition, which fulfills a one credit requirement in Language Arts. The course blends American history with America’s literary tradition. Students will study the issues in our past and will read the literature associated with each period. The course is team taught by a social studies teacher and a language arts teacher and is a two-hour block.

SOCIAL STUDIES ELECTIVES
1/2 Credit Required as a Senior

The Social Studies elective courses are composed of 1/2 credit classes with one exception. One elective course is open to sophomores. Juniors may select from any of the electives and may take the honors option if they meet the criteria listed below. During the senior year, 1/2 credit (1 course) is required and any of the courses will meet this requirement.

The Social Studies staff has designed the various courses to meet the different needs of students. Some courses are designed for those continuing on in school and some are designed for those moving on to work and families after high school. It is recommended that students discuss these choices with their parents, teachers, and counselors when making their selections.

Honors Statement. Those wishing to select the honors option must meet specific prerequisites. Juniors should have achieved a "B" average in their previous year's social studies classes, and also interview with the teacher once the class is in progress. Students sign up for the regular course and will decide if they wish to take the honors option in the fourth week of the class. Those not wishing to take the honors option take the class as a regular offering.

PRINCIPLES OF ECONOMICS - No. 222
1/2 Credit Elective - Grades 11, 12

This course focuses on decisions facing consumers in a market economy. Individuals, families, businesses, and governments must make economic choices as they decide what goods and services to consume and produce. Topics covered include inflation, interest rates, the environment, economic growth, productivity, supply and demand, wage rates, and international trade. Concepts will be applied to current issues in the U.S. and the world. This course may be taken to meet the Financial Literacy requirement. (Not open to those students who have taken AP Macroeconomics.)

GENERAL PSYCHOLOGY - No. 224
1/2 Credit Elective - Grades 11, 12

The course introduces students to the general principles of human behavior. The objective is for students to have a better understanding of themselves as we examine the major theories of psychology. Special attention is given to personality development, memory, altered states of consciousness, learning, perception, and abnormal behavior. Since Psychology is about ourselves, students will easily see the relevance of the topics to their lives.
AMERICAN INDIANS & TREATY RIGHTS - No. 228
1/2 Credit Elective - Grades 11, 12

This course will provide students with a working knowledge of Indian people, of the legality of treaties, and of the ramifications of breaking those treaties in today’s complex world. This course should leave the learner with a better understanding of how our government works within the confines of the constitution and how they can be productive citizens by also working within the framework of our government.

RUSSIAN STUDIES - No. 240
HONORS OPTION
1/2 Credit Elective - Grades 11, 12

America’s future is directly tied to decisions made in Moscow. Our mutual survival depends upon our ability to understand each other. The Russian Studies course will examine the history and political character of this vital area of the world and provide the students with the information necessary to understand the role Russia plays in the modern world.

ASIAN STUDIES - No. 244
HONORS OPTION
1/2 Credit Elective - Grades 11, 12

This course will examine the relationship between America and Asia. It will focus on the history of our relations, the cultural links between our countries, and the current economic, social, and strategic interests which divide and unite us. The student will acquire a basic appreciation for the global realities and make them more knowledgeable participants in the democratic process.

POLITICAL PHILOSOPHY - No. 231
HONORS OPTION
1/2 Credit Elective - Grades 11, 12
(not offered during 2010-2011 school year)

Political Philosophy is a semester course that examines the mechanics of society and culture as they are products of ideas. It is these ideas and philosophies, which form the basis of our human civilizations. Through understanding, based on research and examination, of these ideas we as people can better understand our own culture, government, and thought patterns; therefore, we will be better equipped to make educated personal and civic decisions in the future.
ADVANCED PLACEMENT COURSES

AP WORLD HISTORY - No. 259
1 Credit - One of two Grade 10 options

This course offers an accelerated social studies alternative to the World Issues class and will satisfy the required 10th grade social studies credit otherwise completed through World Issues. Students who take this course should be prepared for entry-level college material, including frequent reading assignments with challenging text and complex historical documents. Students who register for this course are expected to take the College Board AP World History Exam in May. (Not open to those students who are taking or have taken World Issues.)

AP GOVERNMENT AND POLITICS - No. 230
1/2 Credit Elective - Grades 11, 12

This course engages students in a deep understanding of 'how government works', civics, political beliefs and behavior, and current issues. Critical thinking, group activities, and writing skills are stressed.

AP MACROECONOMICS - No. 233
1/2 Credit Elective - Grades 11, 12

Macroeconomics is the study of the economy as a whole. This course focuses on the basic economic principles of unemployment, inflation, investment, banking, taxes, debt, and economic growth. Theories learned will be applied to current events in the U.S. and world. This course may be taken to meet the Financial Literacy requirement. (Not open to those students who have taken Principles of Economics.)

AP EUROPEAN HISTORY - No. 256
1 Credit Elective - Grade 11, 12

AP European History is an in-depth examination of European history from 1450 to the present. The course will focus on the broad themes of political, intellectual, social, and economic changes. Particular attention will be on those developments that fundamentally shaped the world we live in.

AP UNITED STATES HISTORY - No. 257
1 Credit - One of three Grade 11 options

AP United States History is a yearlong course that integrates political, social, economic, cultural, diplomatic, and intellectual history in order to convey the experiences of particular groups within the broader perspective of the American past. At the same time, it connects events and issues from the past to the concerns of the present. As students study the long-term process, they will also encounter the unexpected, unique events, unintended outcomes, and singular individuals. It is a very rigorous course that follows the AP College Board guidelines, and demands heavy reading. The course is for those students who want a more intense study of American History than the traditional American Studies class. (Not open to those students who are taking or have taken American Studies or American Dream).

AP PSYCHOLOGY - No. 258
1/2 Credit Elective - Grades 11, 12

Prerequisite: Grade of A or B in World History and American History is recommended.

In AP Psychology, students will explore the scientific study of human behavior and mental processes. The curriculum is very high-paced, which requires a tremendous amount of independent reading and writing, as well as critical thinking, class participation, and a high level of motivation. The class is taught like a college-level class in which students' knowledge is assessed primarily through tests, quizzes, primary readings, and a final exam. Those not willing to make the commitment to AP level psychology are encouraged to take the General Psychology course where there is less reading, writing, and research. Costs may include: the AP Exam fee ($87).
**NOTICE**

Safety glasses will not be furnished by the school and must be purchased by the student. Financial assistance will be provided by the school if the student qualifies for school aid. If the glasses or goggles are purchased outside of school, they must meet the standards of THE AMERICAN NATIONAL STANDARD PRACTICE FOR OCCUPATIONAL AND EDUCATIONAL EYE AND FACE PROTECTION Z87.1-1968 and subsequent revisions. The classes requiring safety glasses and goggles are: All Auto courses, Building Construction, Small Engine, Machine Shop, Welding, Woods and all Electronics Classes.

Students taking courses in Agriculture involved in operating chain saws will be required to purchase hearing protection devices.

**PROGRAM OFFERING: YOUTH APPRENTICESHIPS**

Auto Technician * Drafting * Welding * See page 53 for program details.

**CAR CARE - No. 700**

1/2 Credit Elective - Grades 11, 12

**Prerequisite** - Students should have a valid driver’s license. Students should also have a vehicle to work on at least one day a week. **Students that have previously completed or are currently enrolled in Auto 1 should not enroll for this course.**

This course is designed for students who want to acquire knowledge in the most basic automotive skills. The class will teach students preventive maintenance methods and skills needed to perform such maintenance. Students will also become more knowledgeable about automotive products needed to complete the basic skills being taught. The course will focus on car care skills that can be carried out with a minimum of equipment. **Students will be charged an activity fee of $5.00.** Students will also have to pay for their own repair parts. **Safety glasses or goggles are required.**

**AUTO MECHANICS I - No. 702**

1/2 Credit Elective - Grades 11, 12

**Prerequisite** - Auto students will need a vehicle to work on at least one day a week. If the student cannot bring a vehicle, a conference with the instructor is required before enrolling in the course.

This course is devoted to the understanding of the basic elements of the automobile, some aspects of the products allied to it, as well as simple automobile maintenance. **The students will be charged an activity fee of $10.00.** The students will also have to pay for their own repair parts. **Safety glasses or goggles are required.**

**AUTO MECHANICS II - No. 704**

1 Credit Elective - Grade 12

**Prerequisite** - Auto Mechanics I with a grade of C or better. Auto students will need a vehicle to work on at least one day a week. If the student cannot bring a vehicle, a conference with the instructor is required before enrolling in the course. Students must have a valid driver’s license. Suggested helpful courses: General Electricity, Welding Technology, and Machine Tool Technology. Students cannot take Auto II and Petroleum Services in the same school year.

This course is devoted to engine support systems, brakes, alignment, and suspension. It also presents an opportunity for each student to learn correct work procedures, acquire basic skills and master certain related technical information needed in order to perform each operation. **The students will be charged an activity fee of $10.00.** They will have to pay for their own repair parts. **Safety glasses or goggles are required.**

**PETROLEUM SERVICES - No. 706**

2 Credit Elective - Grade 12

**Prerequisite** - Auto Mechanics I with a grade of C or better. Student must have a valid driver’s license. Suggested helpful courses would be General Electricity, Welding Technology, and Machine Tool Technology. Students cannot take Petroleum Services and Auto II in the same school year.

This course is devoted to those students interested in a career in the automotive industry. Students become acquainted with jobs and skills related to the automotive industry. The course will include: preparing for the world of work, tune-up, power plant, electrical, chassis, drive line, steering, related products and customer relations. **The students will pay an activity fee of $20.00.** The student will also have to pay for their own repair parts. **Safety glasses or goggles are required.**
SMALL ENGINE TECHNOLOGY - No. 703
1/2 Credit Elective - Grades 10, 11, 12
Small Engine Technology is a hands on course covering portable power sources and devices that transmit and use that power. It is designed for the students interested in gaining knowledge and skills in the disassembly, testing, repair and reassembling of small engines. Two and four stroke engines will be covered in this class, as well as the ignition, fuel, and cooling systems that are found on them. Students are asked to bring in their own engines for repair. The school will provide an engine if the students cannot bring one in. An $10.00 activity fee will be charged to cover supplies and lubricants. Students will be responsible for their own engine parts. Safety glasses or goggles are required and supplied by the student.

*A+ COMPUTER MAINTENANCE AND REPAIR
No. 577
1 Credit Elective - Grades 11, 12
2 Hour block for 1 semester
Prerequisite - Introduction to Computers
Students are required to purchase a $50.00 textbook which they may keep at the conclusion of the course.

Having a technical foundation is critical in today's society. A+ will provide a strong technical background that studies computer hardware and software. Students will receive instruction and hands-on experience in the areas of: PC hardware, computer safety, peripheral hardware devices, operating systems-Windows and Linux, preventive maintenance, and customer service. This course allows students to build and maintain their own computer and culminates with a student built computer network that includes a LAN game.

This course is appropriate for students planning to enter the workforce, technical school, or a four year university. This course will prepare students to take the prestigious A+ certification, but does not guarantee the student will pass the exam. Articulation agreements have been set up with post secondary institutions to offer college credit for successful completion of this class.

WELDING

*WELDING TECHNOLOGY I - No. 753
1/2 Credit Elective - Grades 10, 11, 12
Welding Technology I is a "hands on" introduction to the welding industry. The course is designed to allow the student the opportunity to explore and apply current industrial welding procedures. Shielded Metal-Arc (stick), Gas Metal-Arc (MIG), Gas Tungsten-Arc (TIG), and Oxyacetylene (gas) welding methods will be explored. Flame cutting, plasma-arc cutting, career opportunities, and other technical areas will be covered. All work will be done on mild steel in the flat position. Students will be charged an activity fee of $10.00 to pay for some of the costs of the material consumed. Safety glasses or goggles and appropriate leather footwear are required.

*WELDING TECHNOLOGY II/III - No. 754
1 Credit Elective - Grades 11, 12
Prerequisite - Welding Technology I with a grade of C or better.

Welding Technology II/III consists of an in-depth exploration of the present day welding/metal fabrication industry. This course is designed to allow the students to improve in both welding knowledge and manual skills. This course is one which requires a large amount of self-direction and responsibility on the part of the student. Oxyacetylene, Shielded Metal-Arc, Gas Metal-Arc and Gas Tungsten-Arc processes will be performed in the four major welding positions on both ferrous and non-ferrous metals. Students have the option of completing individual or group projects. Related manufacturing techniques, career opportunities, and other technical areas will be investigated. Students will be charged an activity fee of $20.00 to pay for some of the costs of the material consumed. Safety glasses or goggles and appropriate leather footwear are required. Welding Technology III is an additional course for third year students that utilizes a separate curriculum.
These courses are available for Advanced Standing. Students completing and passing the course-ending exam will be eligible for college credit through any of the institutions listed on the PLTW website.

Project Lead the Way (PLTW) is a national non-profit organization established to help schools give students the knowledge they need to excel in high-tech fields. Studies of PLTW’s curriculum have proven that PLTW students become the kind of prepared, competent, high-tech employees U.S. industry needs to stay competitive in the global market. PLTW is centered around the idea of bringing practical application to students to assist them in forming their opinions and developing interests regarding future careers. PLTW is designed to develop better problem solving skills by immersing students in real-world engineering problems. PLTW courses are project-based, hands-on experiences that teach students the key elements and skills of engineering and technology based careers. PLTW courses also allow students the opportunity to receive college credit. Come and join us to explore the fields of engineering and begin the journey toward a great career. For more information please check with Mr. Nelson or check out the PLTW web site at: http://www.pltw.org.

*DIGITAL ELECTRONICS - No. 726
1 Credit Elective - Grades 10, 11, 12
Recommended Courses: Algebra, Physics

This course is designed for the student looking at a career in one of the many engineering fields or a career in electricity or electronics. Digital Electronics will explore basic electrical theory, digital numbering systems, Boolean algebra, basic logic gates, digital flip-flops, encoders, programmable logic circuits, and microcontrollers. The class will consist of a project-based approach using simulation software and mock-up circuits to create devices such as digital alarm clocks, electronic games, and microcomputers. **Activity Fee is $8.00**

*INTRODUCTION TO ENGINEERING DESIGN
No. 728
1 Credit Elective - Grades 10, 11, 12

A course that teaches problem solving skills using a design development process. Models of product solutions are created, analyzed and communicated using solid modeling computer design software. Using 3-D computer modeling software, students learn the design process and solve design problems as they develop, analyze, and create product models. Exploring various technology systems help students learn how engineers and technicians use math, science, and technology in an engineering problem solving process to benefit people. A great introductory class for any student interested in engineering or design. Students will gain a basic understanding of Mechanical Drawing through sketching and Computer Aided Drafting. Please check the information regarding Project Lead the Way.

*PRINCIPLES OF ENGINEERING - No. 730
1 Credit Elective - Grades 11, 12

A course that helps students understand the field of engineering/engineering technology. Exploring various technology systems and manufacturing processes help students learn how engineers and technicians use math, science, and technology in an engineering problem solving process to benefit people. The course also includes concerns about social and political consequences of technological change. Students explore technology systems and engineering processes to find out how math, science, and technology help people. Students will develop systems through the use of CAD software, then create those systems, and finally test the systems to analyze their results. A great applied course to gain experience and understanding of mechanical systems. Students interested in exploring engineering or pursuing a career in engineering will find this course an invaluable experience. Please check the information regarding Project Lead the Way.
BUILDING CONSTRUCTION - No. 767
2 Credit Elective - Grades 11, 12
Class Hours - 360 (2 hours per day, all year)
This course meets two hours per day for two semesters. It is open to all juniors and seniors who wish to gain knowledge related to building construction. Students will develop carpentry skills by using tools and materials in the construction of a wood frame house. Course content is closely related to the current technology and practices of the building construction industry.

This program has a strong tradition of excellence and is a true partnership between the school and many local businesses. It is our goal to provide students with real work experiences and help them develop skills, knowledge, and attitudes towards work that will last a lifetime.

Students wishing to be considered for the Building Construction program must meet the following criteria:

1. Be in good academic standing.
2. Have good attendance and discipline records.
4. Schedule an interview with the instructor.
5. Be able to work independently with others.

Time outside of the scheduled school day may be required.

In all woods classes, students will be required to pay for materials taken home in the form of individual projects. Safety glasses or goggles are required.
GENERAL ELECTRICITY - No. 720
1/2 Credit Elective - Grades 10, 11, 12

This lab/project-oriented class is designed to provide students with a general knowledge of and to develop skills in the following areas: basic electrical circuits, 12-volt automobile wiring, car audio systems, residential house wiring, home stereo systems, alternative energy sources, and small electronic repair. Students will also have several projects including building a scale electric car or windmill and a small electronic gadget. Activity fee is $8.00.

*ELECTRONICS I - No. 722
1 Credit Elective - Grades 10, 11, 12

Electronics I is a "high-tech" project oriented class that should appeal to all students. Students will work with digital multimeters, function generators, oscilloscopes, and power supplies while creating numerous electronic circuits. Major units of study include DC and AC circuits, series and parallel theory, circuit design and circuit engineering. Students will also build several projects including audio amps, power supplies, and other electronic gadgets. Activity fee is $10.00.

*ELECTRONICS I is a course that has been selected as an advanced standing course at MSTC. Students who complete Electronics I with a "C" or better and pass a course-ending exam can receive advanced standing at MSTC in Electrical Circuits I.

AVIATION - No. 773
1/2 Credit Elective - Grade 10, 11, 12

Aviation gives the student a basic understanding and knowledge of aircraft, aerodynamics, airport environments, meteorology, navigation systems, and career opportunities. Aviation is a student-activity centered course. Students will construct and work with model airplanes, flight simulators, and with the help of local flight instructors, will actually fly planes. Upon completion of the course students will be prepared to take the F.F.A. ground school exam required to obtain their private pilots license. Students will pay an activity fee between $10.00 and $50.00 for the use of aircraft and instructors.

*MACHINE TOOL TECHNOLOGY I - No. 748
1/2 Credit Elective - Grades 10, 11, 12

Students will have the opportunity to learn the proper use of metal working hand tools, lathes, drill presses, power saws, disc grinder, and milling machines. The course will also provide instruction in the use of measuring tools, layout equipment, metal polishing materials, as well as cutting speeds and feeds for material and machines used. Grinding tool bits for all machine applications will be covered and time will be spent on heat treatment of metals. Information on metal working and related careers will be given. 2000-2001 brings with it the introduction to Computer Numerical Control (CNC) machining and students will get a chance to operate the CNC mill, turning center and Lathe, which is the latest in turning technology. The students are expected to pay for project materials. Safety glasses or goggles are required. Activity fee is $15.00

*MACHINE TOOL TECHNOLOGY II - No. 749
1 Credit Elective - Grades 11, 12

Prerequisite - Machine Tool Technology I. Other helpful courses would be: Mechanical Drawing, and Basic Computers. This is an advanced course planned for those students who desire additional information and experience with metal working equipment. The main emphasis will be placed on operating the lathe, horizontal and vertical milling machine, surface grinder, CNC milling and drilling machine (computerized numerical control). This course is of special value to those who desire to gain employment in the machine tool or a related trade field. If possible there will be a field trip to some related industry. The students are expected to pay for projects. Safety glasses or goggles are required. Activity fee is $20.00
The FFA (Future Farmers of America) is a Vocational Student Organization (VSO) that provides leadership development, travel, and employment opportunities to students enrolled in agriculture classes. FFA activities and award programs complement instruction in Agriculture Education by giving students practical experience in the application of agricultural skills and knowledge gained in classes. All agriculture students are encouraged to participate in FFA activities throughout the course of the calendar year.

**ADVANCED STANDING COURSES (Marked*)**
See pages 9-10 for details

**AGRICIENCE - No. 780**
1/2 Credit Elective - Grades 10, 11, 12
Agriscience is an introductory course for all other agriculture courses at Lincoln High School. Students will study beginning concepts in soils, plants, animals, and leadership development. Activities using the LHS-FFA Barn/Greenhouse will be scheduled depending on the time of year.

**ANIMAL SCIENCE - No. 790**
1 Credit Elective - Grades 10, 11, 12
It is recommended that the student take Agriscience prior to taking Animal Science.

Students will study the basic principles of veterinary science and animal care, as well as issues facing animal agriculture today. This course is designed to incorporate real life simulations, labs, and activities that will allow students the opportunity to experience first hand responsibilities and demands required to have a career in the animal science industry. Students will master basic veterinary skills and learn about aspects of animal behavior. Aquaculture will also be infused in the curriculum, with hands on practice in the schools aquaculture tanks. Semester projects will require students to work in the LHS Barn/Greenhouse area as well as facilitate Ag Day and Food For American programs. Participation in FFA activities will provide the students with additional opportunities for travel, leadership skill development, work experience and degree advancement within the organization.

**SUMMER PROGRAM IN AGRICULTURE - No. 794**
1/2 Credit Elective - Grades 11, 12
Students enrolling in this course must have completed at least one Agriculture Education course during the previous school year. Students will meet with the instructor prior to the end of the school year to establish an individualized program of activities that will further develop the student's knowledge in a specific area or that will aid the student in establishing a career objective. This program is to run from the time the school year ends in the spring until the end of the Wood County Fair in the fall. The student will be expected to conduct an individual supervised Agricultural experience program as well as participate in an agreed upon number of group activities during the summer months.

**PROGRAM OFFERING: YOUTH APPRENTICESHIPS**
Production Agriculture * See page 53 for program details.

**HORTICULTURE - No. 786**
1 Credit Elective - Grades 10, 11, 12
It is recommended that Agriscience be taken prior to taking Horticulture.

This lab-intensive course focuses on greenhouse management and plant production. Students will raise poinsettias and bedding plants, build and maintain a nursery, as well as learn landscape principles and techniques. Students will spend 40-50% of class time in the greenhouse applying what they have learned. In addition to plant production, students will learn basic hydroponics and landscape construction skills. Other methods of alternative agriculture will also be covered. This course will qualify the student for transcripted credits at Mid-State Technical College - please check with the instructor. Participation in FFA activities will provide the students with additional opportunities for travel, leadership skill development, work experience and degree advancement within the organization.

**NATURAL RESOURCES - No. 793**
1/2 Credit Elective - Grades 10, 11, 12
It is recommended that Agriscience be taken prior to taking Natural Resources.

Coursework will revolve around the wise use of Wisconsin's natural resources. Students will learn about conservation and conservation practices, renewable energy, soils, water quality, wildlife ecology, wilderness survival and more! Participation in FFA activities will provide students with additional opportunities for travel, leadership skill development, work experience and degree advancement within the organization.

**FORESTRY - NO. 784**
1/2 Credit Elective - Grades 11, 12
Students will average 40-50% of class time actually working in the school forests. Actual outdoor activities will depend on the season and weather. Special attention will be centered on the intermediate thinning of the school forests. Classroom work will cover safety practices, daily maintenance of chain saws, forestry history, timber stand improvement, tree measurement, log scaling, etc. FISTA, Forest Industry Safety Training Alliance, seminar will be offered.
What can students study to enhance their chances for just about any career? The answer: STUDY A WORLD LANGUAGE! The U.S. Government and many American businesses are linked to almost every country in the world. Employment opportunities may be greatly enhanced with language skills, especially with four or more years of a second language.

1UW-Eau Claire, UW-Madison, and the entire University of Minnesota system have an entrance admissions requirement of two years of foreign language. UW-Madison recommends four years. Most students admitted to UW-LaCrosse have completed three years. Although it is not required for admission, UW-Plattville students may fulfill graduation requirements by completing two years of a second language in high school. Students who have completed two full years of the same foreign language, with a passing grade during 8th-12th grades of school, are exempt from entrance requirements. UW- Milwaukee, UW-Platteville, and UW-Parkside have an exit requirement of two semesters of a second language.

For the UW-Wisconsin System, an incoming college freshman can earn a maximum of four semesters of retroactive credits (up to 16 credits, depending upon the university). A placement test determines in which level of foreign language the student is placed. If the student earns a B or better on that test, retroactive credits are awarded. They count towards the 120 credits needed for graduation.

If a student has been out of class for a year or more between levels of study (i.e. Level I and Level II), it will be left to the discretion of the teacher whether that student is able to re-enter the program based on an interview. It is recommended that native speakers of any given language, who have never had formal education in that language, be placed in a Level III class until evaluated by his or her teacher.

**COURSES REQUIRED FOR GRADUATION FROM THIS DEPARTMENT:** None

### LEVEL I

- **FRENCH I** - No. 800; **GERMAN I** - No. 820
- **SPANISH I** - No. 840; **JAPANESE I** - No. 860
- 1 Credit Elective - Grades 10, 11, 12

This course is for beginning language students. The emphasis during this first year of language study is on speaking and listening. Reading and writing skills are developed on a limited basis. Culture is integrated throughout each unit of study. In this level the student will begin to develop proficiencies enabling him to talk about self, family, the city, leisure time activities, likes/dislikes, sports, food, the weather, and the geography of the countries where the language is spoken. Students gain computer experience in the target language.

### LEVEL II

- **FRENCH II** - No. 803; **GERMAN II** - No. 823
- **SPANISH II** - No. 843; **JAPANESE II** - No. 862
- 1 Credit Elective - Grades 10, 11, 12
- **Prerequisite - Successful completion of Level I (C- or higher is required)**

Emphasis continues to be on the development of speaking and listening skills in conjunction with reading and writing. Lessons are conducted in the target language. Students will be able to describe activities and interests in greater detail. Speaking the language is stressed, talking about topics such as family, clothing, shopping, pastimes, personal care, daily activities, school, jobs and food. Students begin to develop writing fundamentals. Students read elementary, but authentic materials. Students complete projects using technology and media.

### LEVEL III

- **FRENCH III** - No. 806; **GERMAN III** - No. 826
- **SPANISH III** - No. 846; **JAPANESE III** - No. 863
- 1 Credit Elective - Grades 10, 11, 12
- **Prerequisite - Successful completion of Level II (C- or higher is required)**

At this level the student continues to develop broader reading and writing skills. The emphasis remains on speaking and listening. Lessons are conducted in the target language. Better command of language structures is developed enabling the student to express different viewpoints, deal with situations of a more complicated nature, prepare paragraphs such as a resume, character sketches and letters, write in a journal, react and respond to various situations. Students complete projects using technology and media. Optional advanced work is available for French III students.

### LEVEL IV

- **FRENCH IV** - No. 810; **GERMAN IV** - No. 830
- **SPANISH IV** - No. 850; **JAPANESE IV** - No. 864
- 1 Credit Elective - Grades 11, 12
- **Honors Option - Seniors only, consent of instructor needed**
- **Prerequisite - Successful completion of Level III (C- or higher is required)**

This level of language instruction offers further opportunities to develop proficiency of all skills. Lessons are conducted in the target language. More in-depth work with the culture of the countries where the language is spoken will continue through the study of short stories, fine arts, and history. Opportunities are given to demonstrate proficiency in all four skills through dialogues, more complex situations, writings, songs, and daily use of the language. Students complete projects using technology and media. Optional advanced work is available for French IV students.

**UW system on-line:** [www.wisconsin.edu](http://www.wisconsin.edu)
Travel opportunities exist for all world languages studies at LHS. Students may, at their own expense and with teacher approval, participate in a high school program allowing them to travel to a country where the language is spoken.

Please see your counselor or a world language teacher if you have any questions!

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**LEVEL V**

FRENCH V - No. 816  
GERMAN V - No. 836  
SPANISH V - No. 856

Honors option - Seniors only, consent of instructor needed  
1 Credit Elective - Grade 12  
Prerequisite - Successful completion of Level IV (C- or higher is required)

Note: French IV and V is a combined class as is German IV and V. A two-year alternating curriculum is followed for French and German so that there is no repeat of subject materials. Emphasis remains on speaking and understanding the target language using class materials for more advanced conversations. Students present skits based on cultural themes and give short speeches or demonstrations as they continue to improve and expand vocabulary and writing skills. Short stories, poetry and other literary selections are read. Culture is emphasized through lessons on art, history and literature. Videos and songs provide a wide range of cultural aspects. Journal writing and more advanced composition writing is included. Structural concepts previously studied are reviewed. Spanish V students will study the geography, history, and culture of the Spanish speaking world. Authentic literature, art, music, and film will supplement this study.

Honors students are taught in the same class period as Level IV and/or Level V students. The Honors curriculum involves additional weekly work done independently.

World Language classes use the internet and media for various cultural activities and research projects.
SPECIAL EDUCATION

Special Education assists students in acquiring new skills and learning coping or compensation mechanisms for those they lack. A focus is placed on teaching to specific individual needs and supporting the regular classroom curriculum in an effort to assist each student in achieving his or her potential.

In order to enroll in courses offered through the Special Education Department, a student must be referred to a team of educators which will determine eligibility for placement.

The Special Education department offers opportunities for assistance in the areas of social/emotional behavior and academics. The Behavior Intervention Center (BIC) helps students manage volatile situations and emotions in a safe, instructional environment. The Learning Resource Center (LRC) provides a quiet study area with study strategy skills and tutorial assistance.

CD (COGNITIVE DISABILITIES)
Functional level courses in English, Science, Health, Mathematics and Social Studies are taught on a rotating semester basis. All courses are interrelated and deal with “Persisting Life Need” themes including: Communications, Understanding One’s Life, Health/Safety, Use of Leisure Time, Responsible Citizenship, Earning a Living, Managing Money, Homemaking, Appreciating and Enjoying Fine Arts and Environment.

ED (EMOTIONAL DISABILITIES)
The primary focus of courses offered through the ED program is to provide direct instruction on topics dealing with self-concept and social skills. In all ED classes, students will be expected to participate in community experience activities.

LD (LEARNING DISABILITIES)
Courses offered through learning disabilities programs provide the learner with skills necessary to function both in mainstream classes and in independent living. The course offerings include English, Math, and Science. Permission from the instructor is required.

ENGLISH  10 - No. 079X
1 Credit - Grade 10
Prerequisite - Consent of Special Education Instructor
This English course is designed for sophomore students who need course modifications to achieve success. Students will be developing their reading, writing, speaking, listening, and vocabulary skills. Units of study will include poetry, short stories, novels, mythology, word processing, computer research applications, components of literature, and real life language art applications.

ENGLISH  11 - No. 079J
1 Credit - Grade 11
Prerequisite - Consent of Special Education Instructor
This full year course is designed to provide basic skills in the areas of reading, writing, listening, and speaking to junior students with LD needs. Students can expect to study novels, short stories, nonfiction, creative and expository writing, and oral communication techniques. They may also expect to improve their word processing and real life language arts skills.

ENGLISH  12 - No. 079S
1 Credit - Grade 12
Prerequisite - Consent of Special Education Instructor
This full year English course is designed for senior students with LD needs in the area of language arts who are working to strengthen their basic language skills in the areas of reading, vocabulary development, writing, listening, and oral communication. Students will read short stories, novels, and apply language art skills to real life situations.

ENGLISH - No. 180A
1 Credit English - Grades 10, 11, 12
READING FOR LIFE - No. 180B
1 Credit Elective - Grades 10, 11, 12
Prerequisite - The teachers of this class select students based on course selection criteria.
This year-long intensive reading intervention program is designed to meet the needs of students who are reading significantly below grade level. Student individual needs are addressed through adaptive instructional software, high-interest fiction and non-fiction, and direct instruction in reading and writing skills. Students can sign up for No. 180A (1 Credit) or 180A AND 180B (2 Credits). Not NCAA approved.

HUMAN RELATIONS - No. 040
1 Credit - Grades 10, 11, 12
Prerequisite - Consent of Special Education Instructor.
Human Relations offers students instruction in Errors In Thinking, Anger Management, adolescent issues, and social skills.

FUNCTIONAL ACADEMICS - No. 022
1 Credit - Grades 10, 11, 12
Prerequisite - Consent of Special Education Instructor
This course is designed for students with special education needs who require additional instruction for language arts, mathematics and communications. The students will develop academic skills related to independent living.
MATH FOR CONSUMERS 1 - No. 082  
1 Credit - Grades 10, 11, 12  
Prerequisite - Consent of Special Education Instructor  
This course is designed to give students practice in application of math skills in everyday situations. Topics will include review and application of decimals, fractions, percents, functional geometry, banking, taxes, and consumer purchasing.

MATH FOR CONSUMERS 2 - No. 083  
1 Credit - Grades 10, 11, 12  
Prerequisite - Consent of Special Education Instructor  
This course builds upon principles learned in Math For Consumers 1. An emphasis is placed on how math skills are used in real life situations. Career related activities are an integral part of the simulation used to represent situations students may encounter after high school which require them to use their math skills. Additional topics that are covered include: budgeting, savings and checking accounts, investing, car shopping, insurance, taxes, and many other skills students need to develop to live on their own.

FUNDAMENTALS OF MATHEMATICS - No. 085  
1 Credits - Grades 10, 11, 12  
Prerequisite - Consent of Special Education Instructor  
This mathematics course is designed for students with special educational needs, who need course modifications to achieve success. First semester topics involve working with algebra; topics include order of operations, patterns, and functions, working with percents, real numbers, algebraic expressions, histograms, stem-and-leaf plots, frequency tables, solving equations including exponents, inequalities and more. Second semester involves working with Geometry; topics include identifying/naming/creating points, lines and angles, using proofs, parallel lines and transversals, identifying, naming geometric shapes, working with postulates, and more.

SCIENCE - No. 050  
1 Credit - Grades 10, 11, 12  
Prerequisite - Consent of Special Education Instructor  
This course is a hands-on approach to science that stresses the scientific method. The course will focus on biology and chemistry, as well as the human body.

MATH - No. 010M  
FAMILY LIVING - No. 012F - (Semester 1)  
INDEPENDENT LIVING - No. 012I - (Semester 2)  
1 Credit - Grades 10, 11, 12  
Prerequisite - Consent of Special Education Instructor  
This mathematics course is designed for students with special education needs who require course modifications to achieve success. Students will learn math skills needed for independent living. Units will include functional math, banking skills, purchasing habits, and budgeting.  
Family/Independent Living will focus on applying the skills learned from Math - No. 010M

ENGLISH / WORK PREP - No. 014E (Semester 1)  
SOCIAL STUDIES / WORK PREP - No. 016S (Semester 2)  
2 Credits - Grades 10, 11, 12  
Prerequisite - Consent of Special Education Instructor  
This course is designed for students with special education needs who require course modifications to achieve success. Incorporating English and Social Studies concepts, the students will learn verbal and written communication skills, interpersonal relationships, on site work skills, and develop a strong work ethic at various work sites within the community.

SCIENCE / HEALTH - No. 018SI  
1 Credit - Grades 10, 11, 12  
Prerequisite - Consent of Special Education Instructor  
This course is designed for students with special education needs who require additional credit in science or health. This course will emphasize science or health concepts in relation to the students daily living situations.

ADAPTIVE PHYSICAL EDUCATION - No. 899  
1 Credit - Grades 10, 11, 12  
This is a physical education course for students with special needs.

WORK EXPERIENCE EDUCATION  
1/2 or 1 Credit Elective - Grades 10, 11, 12  
Work experience and good work references are praised by employers and improve your chances of getting and keeping a job. Work Experience Education is an excellent way to develop both. The programs within Work Experience Education provide the opportunity to explore careers, to develop and enhance work skills, positive work habits, attitudes, and develop a work reference.  
Prerequisite - Referral from the student's E.E.N case manager. Students MUST have consent from the Work Experience instructor before participation in this program.

WORK STUDY: A semester class of one class period per day. The students work at Lincoln High School in the Work Room. Students will learn to be flexible in job placement, follow directions, and take constructive criticism. Must have consent of Work Study instructor. No. 033, 034 Grade 10, 11, 12

WORK EXPERIENCE: A program to enhance work related skills. These skills are practiced in a job the student has attained. The curriculum will include career exploration and investigating post high school educational opportunities. The students will receive credit for completion of course work and their job work hours. Must have consent of work experience instructor. No. 030, 031 Grades 11, 12
ENGLISH LANGUAGE LEARNERS

English Language Learners (ELL) courses assist students in acquiring English skills so they are prepared for mainstream classes and for life after high school. Teaching focuses on meeting individual needs and increasing the knowledge both in the content and in English. The goal of the ELL program is to help each student reach his or her highest potential.

To enroll in ELL courses, a teacher or guidance counselor must refer a student, or a request must be made by a parent or guardian.

CONCENTRATED ENGLISH - READING I - No. 277
1 Credit Elective - Grades 10, 11, 12
Prerequisite - Consent of ELL Instructor

This course emphasizes skills and strategies to strengthen reading comprehension, language, and vocabulary development. Students will read and analyze a variety of genres as well as develop skills to access and interpret information from reference materials.

CONCENTRATED ENGLISH - WRITING I - No. 277A
1 Credit Elective - Grades 10, 11, 12
Prerequisite - Consent of ELL Instructor

This course will offer instruction in basic English skills and assist students in accelerating to the level of other classmates. The course involves the study of various models of writing and the writing process. To communicate effectively, students will use a variety of writing styles appropriate for different audiences, purposes, and settings.

CONCENTRATED ENGLISH - READING II - NO. 278
1 Credit Elective - Grades 10, 11, 12
Prerequisite - Consent of ELL Instructor

This course will continue to emphasize language development through direct instruction of reading comprehension skills, vocabulary expansion activities, and the use of reference resources. Students will engage in critical thinking through exploration and evaluation of various media sources.

CONCENTRATED ENGLISH - WRITING II - No. 278A
1 Credit Elective - Grades 10, 11, 12
Prerequisite - Consent of ELL Instructor

This course will build upon students' English skills and continue to assist students in accelerating to the level of other classmates. Students will continue to expand their language and composition skills through exposure to various styles of writing and use the writing process to communicate effectively in English.

CONCENTRATED ENGLISH - READING III - No. 276
1 Credit Elective - Grades 10, 11, 12
Prerequisite - Consent of ELL Instructor

This course is NOT OFFERED during the 2010-2011 school year.

This course will emphasize English acquisition through direct instruction of reading strategies and vocabulary. Students will develop the skills needed to read and understand a variety of texts and resources as well as participate in literature discussions. They will also learn techniques and strategies to better understand new vocabulary.

CONCENTRATED ENGLISH - WRITING III - No. 276A
1 Credit Elective - Grades 10, 11, 12
Prerequisite - Consent of ELL Instructor

This course is NOT OFFERED during the 2010-2011 school year.

This course will focus on communicating effectively in English through the writing process. Student will improve writing skills and language proficiency through exposure to various styles of writing, writing for a variety of audiences and purposes, and in a variety of formats.

INTERMEDIATE ENGLISH II/III - No. 274 A
1 Credit Elective - Grades 10, 11, 12
Prerequisite - Consent of ELL Instructor

This course parallels the curriculum taught in the mainstream, with modifications to help students achieve success. Students will analyze novels, compose and edit essays, and present to their peers. This course will develop the reading, writing, and speaking skills needed to communicate effectively.

ENGLISH - No. 180A
1 Credit English - Grades 10, 11, 12
READING FOR LIFE - No. 180B
1 Credit Elective - Grades 10, 11, 12
Prerequisite - The teachers of this class select students based on course selection criteria.

This year-long intensive reading intervention program is designed to meet the needs of students who are reading significantly below grade level. Student individual needs are addressed through adaptive instructional software, high-interest fiction and non-fiction, and direct instruction in reading and writing skills. Students can sign up for No. 180A (1 Credit) or 180A AND 180B (2 Credits). Not NCAA approved.
GENERAL SCIENCE - No. 292 1 Credit
LIFE SCIENCE - No. 289 1 Credit Elective
Grades 10, 11, 12
Prerequisite - Consent of ELL Instructor
These courses are NOT OFFERED during the 2010-2011 school year.

This science course parallels curriculum taught in the mainstream, with modifications to help students achieve success. Students will be developing academic reading and writing skills, while expanding their vocabulary and critical thinking skills. This course is meant to be an introduction to the sciences and will enable students to learn technical vocabulary and lab skills.

HEALTH - No. 296
1/2 Credit Elective-Grades 10, 11, 12
Prerequisite - Consent of ELL Instructor
This course is NOT OFFERED during the 2010-2011 school year.

This health course parallels curriculum taught in the mainstream, with modifications to help students achieve success. Students will be developing academic reading and writing skills, while expanding their vocabulary. This course is intended for students who have difficulties with academic reading.

SOCIAL STUDIES - World History No. 294
SOCIAL STUDIES - American History No. 293
1 Credit Elective-Grades 10, 11, 12
Prerequisite - Consent of ELL Instructor
These courses are NOT OFFERED during the 2010-2011 school year.

This social studies course parallels curriculum taught in the mainstream, with modifications to help students achieve success. Students will be developing academic reading and writing skills, while expanding their vocabulary and critical thinking skills. This course alternates between American Studies curriculum and World Issues curriculum. This course is intended to assist students with difficulties in academic reading.

STUDY LAB - No. 280
0 Credits - Grades 10, 11, 12
Prerequisite - Consent of ELL Instructor

This course is intended to give students assistance with homework in all subjects. Students are expected to bring work every day. A teacher and instructional aides will be available to read and explain content to students. Tests may also be taken and read orally to students though this course. Students will also have multiple learning resources available to them through this course, including books on tape and graphing calculators.

THE YOUTH OPTIONS PROGRAM

As a result of legislation, 11th and 12th grade pupils may have an opportunity to enroll at an institution of higher education in Wisconsin and take courses that may lead to credit toward high school graduation.

This program allows 11th and 12th grade students to enroll in courses at a UW campus or center, a Technical college, or a private, nonprofit college located in the state.

Admittance will depend upon meeting entrance requirements, the availability of space, and the type of class. The school district, by law, will determine whether the course satisfies state graduation requirements, and if any high school credit is to be awarded to the pupil.

Applications for enrollment for obtaining high school credit courses must be made by March 1 for the fall semester, and by October 1 for courses to be taken during the spring semester.

If you have questions, please contact Lincoln High School, or see your counselor during the registration process.
LINCOLN HIGH SCHOOL VOLUNTEER PROJECT

The Lincoln High School Volunteer Project is a program that is available to all students on a voluntary basis, no academic credit is given for participation in this program.

There are numerous activities in our local community and schools available to student volunteers. Many of these opportunities are available on an annual basis and include; National Day of Caring, Community Care Day, Stuff the Bus/Desk, Community Candles, and the Senior Service Project. The LHS Volunteer Program helps connect the needs of our community with student volunteers.

Students can volunteer to work with children, their peers, as secretarial help, for a teacher, with people with special needs, or the elderly at scores of public agencies and nonprofit organizations. The Volunteer Center will help students find an opportunity that fits their interest and schedule. Students who accumulate a set number of hours earn special recognition at the semester, graduation and on their diploma and transcripts.

Student volunteers are encouraged to log their hours and reflect on their volunteer activities in a "community passport". This "passport" will not only enable students to see their growth as a volunteer, but may be valuable in taking on job interviews, applying to post-secondary schools, or writing scholarship opportunities. Passports are available in the Volunteer Center, Room 217. More information is available by calling the LHS Volunteer Center at 422-7217 or by e-mail at sue.zirnhelt@wrps.org.

TEEN PARENT - NO. 897, 898

TEEN PARENT - No. 897 (Semester 1), No. 898 (Semester 2)
1/2 Credit Elective - Grades 10, 11, 12

• Students can choose to obtain physical education credit for this course while they are pregnant, in place of 1/2 credit elective credit.
• The course can be repeated as many as three semesters.

Open to any teen expecting a child, or already raising a child. The course examines prenatal concerns such as: pregnancy care and physical changes, emotional needs and peer support, and labor and delivery. It also studies the role of a teen parent: caring for a newborn, coping with adjustments to parenting, and making decisions as a young parent.

LEAP (Lincoln’s Educational Alternative Program)

The purpose of LEAP is to help students who are having problems in the regular academic setting. Units for LEAP classes involve ways to deal with reasons for students' difficulties. LEAP teachers try to provide students with experiences to increase their self-esteem and overall academic success. All LEAP teachers expect good attendance of their students so that they can assist them as much as possible. A contract agreement stating the expectations of the program is signed between the student, parents, counselor, administrator and LEAP coordinator.

The program offers smaller classes and therefore more attention to individual students than larger classes can offer. Close relationships are developed between teachers and students, and these relationships enhance chances for success. All of the LEAP classes count towards graduation credits. Students must take Adolescent Psychology classes. These classes focus on teen issues, self-esteem, general psychology, and social skills/issues. Students can also take Science, English, and Math classes which individualize their learning and assist them in mastering basic skills.

Note: Students must go through a selection/interview process in order to be enrolled in LEAP. Contact counselors at Lincoln High School about this process.

LIFE SKILLS - No. 996A, 996B

1/2 Credit Elective - Grades 10, 11, 12 Life Skills explores the major issues affecting the lives of students and tries to help students prepare for their futures. This class is designed to help those students who are struggling academically in school and/or who are having problems managing personal situations.

Excellent attendance and consistent involvement in class activities are things which are expected of students in Life Skills. Having the desire to solve problems in life and wanting to learn about making good decisions are important qualities which students in this class should demonstrate. The group setting of Life Skills offers support to students. A feeling of togetherness can be very beneficial to students as they progress through the semester.

Note: 996B (Sem 2) - Grade 12 only. This semester 2 course has a credit recovery option. Please discuss this with your counselor before registering.
DEPARTMENT INTERNSHIPS AND INDEPENDENT STUDY
The programs are available in all departments. These programs are for students who can work on their own, according to a plan, and with a minimum of supervision. These programs provide another way for students to expand upon their learning opportunities. Students must apply the semester before entrance into a department internship or independent study.

1/2 or 1 Credit Elective - Grade 12
Requirements:
1. Students must have an accumulative grade point average of 3.0, or permission from an LHS administrator.
2. Students must prepare an application for either department internship or independent study.
3. Student will make arrangements for an interview with the instructor and assistant principal.
4. The student may earn a maximum of one credit in Department Internship and/or Independent Study combined.
5. In any given semester, a student may enroll in either Department Internship or Independent Study, but not in both.
6. Students are taking this in addition to their 6.0 credits.
7. All necessary paperwork must be completed within the first three weeks of the semester.

DEPARTMENT INTERNSHIPS - No. 961 (1st semester) - No. 962 (2nd semester)
This program gives you an opportunity to work closely with a teacher or students in carrying out classroom objectives. You must be able to follow directions, have a desire to finish all tasks assigned, and have the ability to work alone efficiently. You will be expected to be helpful, patient, and courteous.

Some examples of internships include teaching assistant, area assistant, and laboratory assistant. The job description will vary from department to department and by individual teacher.

INDEPENDENT STUDY - No. 964 (1st semester) - No. 965 (2nd semester)
The student and instructor will identify an area of special interest to the student, and in a written application, identify the nature of the study to be undertaken. Projects may include descriptive or action research, observations and voluntary participation. Credit will be earned according to how well the student accomplishes the level of performance determined in the application. Time, tasks, and final credit will be arranged with the teacher.

YOUTH APPRENTICESHIP

YOUTH APPRENTICESHIP PROGRAMS - No. 515 1/2 or 1 Credit Elective - Grades 11, 12
Some of the most promising careers of the future are in high tech, high skills, hands-on related fields. Youth Apprenticeships are unique new opportunities for Juniors and Seniors to start preparing for a career while still in high school. One and two year programs combine academic education, occupational instruction, and work-based learning with an employer.

Opportunities:
• Regular high school diploma
• Youth Apprenticeship Competency Certificate from the Governor’s Work-Based Learning Board
• Take classes at Mid-State Technical College (in select occupational areas)
• Earn advanced standing credit at Wisconsin technical colleges
• One to two years of professional training and hands-on experience
• Paid work experience
• High School credit for paid work experience
• Business/Industry mentor

Programs offered at Lincoln High School (All programs are competitive and subject to business and industry availability.)
• Auto Technician  • Financial Services  • Information Technology  • Welding
• Drafting/Engineering  • Health Services  • Tourism  • Agriculture

How do you get involved in this program?
Any student may apply for the program. Interested students must apply for this program through their guidance counselor or school-to-work coordinator. Selection is based on career interest, skills, employability, attitude, personality, attendance, number of high school credits, and recommendations.
CO-CURRICULAR ACTIVITIES

Lincoln High School offers a variety of co-curricular activities that allow for student participation beyond the normal school day. These activities allow students additional opportunities to develop their talents in activities beyond the classroom. We encourage all of our students to become involved in the wide range of activities that Lincoln has to offer. Studies have indicated that students involved in co-curricular activities tend to have higher grades, better attendance rates, and higher self-esteem than students who do not participate in co-curricular activities.

The choice is clearly up to you! Become involved and your high school experiences will be even more exciting, worthwhile, and positive. The following activities and clubs meet throughout the school year. If you have further questions, please contact your counselor.

STUDENT ACTIVITIES

- Ahdawagam Yearbook
- Art Honor Society
- Auto Club
- Bloodstone
- Book Club
- Bowling Club
- Cheerleaders/Stunting
- Chess Club
- Community Service
- Ski Club
- Dance Team
- DECA (An Association of Marketing Students)
- Drama Club International Thespian Society
- Earth Society
- FBLA (Future Business Leaders of America)
- FCCLA (Family, Career & Community Leaders of America)
- FFA (Future Farmers of America)
- Forensics
- French Club
- Future Teachers Club
- GSA (Gay Straight Alliance)
- German Club
- HASO (Hmong-American Student Organization)
- HERO (Home Economics Related Occupations)
- Intramurals
- INTERACT
- Key Club
- Letterwinners Club
- Math League
- Marine Biology Club
- Mock Trial
- National Honor Society
- Native American Student Organization
- Principals Student Advisory Committee
- Promote
- Raiders on The Rock
- Skills USA
- Spanish Club
- Strength Training-Powerlifting
- Student Council
- Tutor Program
- Chamber Players
- Chamber Singers
- Ethnic Ensemble
- Jazz Ensemble
- Musical

Lincoln High School offers an opportunity for students to become involved in a variety of interscholastic athletic activities. The following activities are described by season:

**FALL** — Cross Country (Boys & Girls), Football, Golf (Girls), Soccer (Boys), Tennis (Girls), Swimming (Girls), Volleyball (Girls)

**WINTER** — Basketball (Boys & Girls), Gymnastics, Hockey (Boys & Girls), Swimming (Boys), Wrestling

**SPRING** — Baseball (Boys), Golf (Boys), Soccer (Girls), Softball (Girls), Track (Boys & Girls), Tennis (Boys)

**GIRLS’ SPORTS** — Basketball, Cross Country, Golf, Gymnastics, Hockey, Soccer, Softball, Swimming, Tennis, Track, Volleyball

**BOYS’ SPORTS** — Baseball, Basketball, Cross Country, Football, Golf, Hockey, Soccer, Swimming, Tennis, Track, Wrestling

ACADEMIC PERFORMANCE IS IMPORTANT FOR ALL EXTRA CURRICULAR ACTIVITIES...

All students should continually strive to achieve their full potential in areas of academic performance and school attendance. In order to participate in competitions and public events, each participant/student-athlete must maintain acceptable academic standards. The acceptable academic standard for LHS co-curricular participation is a report card that contains no more than one grade of F. This standard of eligibility is expected to be met during the school year at 6 weeks, 12 weeks, Semester 1, 24 weeks, 30 weeks and Semester 2. (Please see the WRPS District Activities Code for more specific information.)