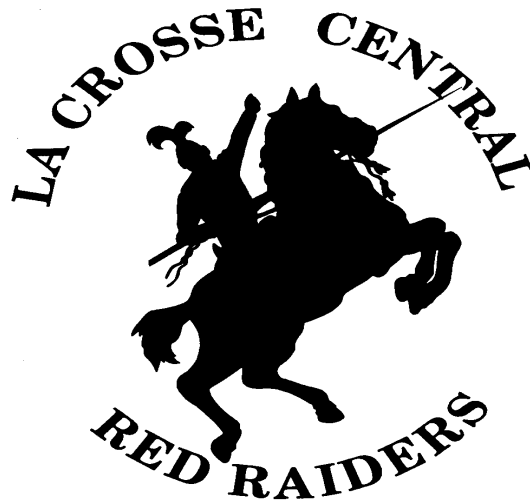


The Choice:
SCHOOL DISTRICT OF
LA CROSSE
Dream • Believe • Achieve



Freshman Course Guide

Central High School
School Year 2016-2017

Dear Incoming Freshmen,

Exciting days lie just ahead with your upcoming entrance into Central High School on the horizon! There are many things to consider as you get ready for that next step, so this freshman-specific course guide has been developed to make things a little bit easier for you and your family. You are encouraged to reference it and to discuss it with your school counselor. It contains information that we feel freshman students will find of particular importance.

Inside you will find several features that will be important to know as you plan for your freshman year. These features include:

- A page providing an overview of the “High School Letter Grade/Grade Point Average (GPA) Equivalency Scale.” This will help you understand how high school GPA is determined and how GPA influences a student’s rank in his/her class. On this page you will find you how many credits you need to earn in each content area in order to graduate. Page 3
- An overview of “College and Technical/Trade School Entrance Requirements.” This is included because you will want to begin thinking, even now, about the courses you take and how they may prepare you for study after high school, including study in technical schools or universities. Pages 4-5
- Additional learning opportunities, such as, Global Education Achievement Certificate and AVID. Page 5
- A page that shows you our high school “Core Courses: Potential Pathways.” We have courses in our district that high school students are required to take (Core Courses) and other courses that they may choose to take (Electives). Both kinds of courses earn you credit toward graduation. This page should help you understand what options you have as you begin taking some of your important Core Courses in 9th grade. Page 6
- Several pages providing “Descriptions of Required Freshmen Core Courses.” These pages are included so you can read a little more about what each Core Course involves so you can make good selections as you work with your parent/guardian, guidance counselor, and teachers. Pages 7-9
- Several more pages providing “Additional Freshman Elective Courses.” These pages give you a good overview of the elective courses you can consider. We think you are going to find a great variety of classes to satisfy your interests and needs! Pages 9-13

Of course, you can still access the district’s regular high school course guide. It provides a lot more information about available options and programs, and there will likely be some things in that course guide that your school counselor will want you to see.

We are excited about you arriving Central High School next fall! We look forward to the next four years together!

Sincerely,

The Staff and Administration of the School District of La Crosse

High School Letter Grade/Grade Point Average (GPA) Equivalency Scale:

A = 4 point

B = 3 point

C = 2 point

D = 1 point

F = 0 point

(Note: Class rank is determined by G.P.A.)

Class Rank Tie-Breaker Procedure

Student class rank will be determined by grade point average. In some instances, students may be tied in grade point average. In such a circumstance, the following tie-breaking criteria will be utilized:

- 1. The candidate must have attended a minimum of five semesters in a La Crosse Public High School.*
- 2. The candidate must demonstrate commitment to attend college/university/technical school in Wisconsin.*
- 3. Highest ACT score/converted SAT score reported by the start of the student's senior year.*
- 4. Number of honor/AP courses taken by candidate for credit.*
- 5. Candidate involvement in curricular and extra-curricular student leadership activities.*

Auditing a Course

When a student audits a course in the School District of La Crosse, a grade is issued and placed on the transcript, but the grade does not count toward GPA. A notation that this was an audited course also appears on the transcript. Students auditing courses will be expected to attend all class sessions, complete all assigned work and take all tests. A special programming form must be filed for each audit. A request to audit a class will not be accepted after the 9th week of the semester. An audited course does not count as a credit towards graduation.

Graduation Requirements

<i>English</i>	<i>4 .0 credits</i>	
<i>Social Studies</i>	<i>3.0 credits</i>	<i>Must have 1 credit of World History, 1 credit of US History, .5credit of Government, .5 credit of Economics</i>
<i>Science</i>	<i>3.0 credits</i>	<i>Must have 1 credit of Life Science, 1credit of Physical Science, 1 credit of elective Science.</i>
<i>Math</i>	<i>3.0 credits</i>	
<i>Physical Education</i>	<i>1.5 credits</i>	
<i>Health</i>	<i>.5 credit</i>	
<i>Personal Finance</i>	<i>.5 credit</i>	
<i>Non-spec. electives</i>	<i>8.5 credits</i>	

Total Credit Required For Graduation: 24.0

Note: Beginning with the 2016—2017 school year, all students must complete and pass the Wisconsin Civics Graduation Assessment modeled after the Naturalization Test used by the United States Citizenship and Immigration Services. This assessment is a graduation requirement recently established by state statute (WI ACT 55).

COLLEGE AND TECHNICAL SCHOOL ENTRANCE REQUIREMENTS

4-Year College or University Preparation

If you are considering attending a 4-year college or university for further education, you must graduate from high school, complete course requirements for your chosen school, earn good grades (rank high in your class), and take college entrance exams.

What courses should I take?

The following courses are considered minimum requirements for entry into a college or university. Some schools require more courses in some subjects.

- 4 years of college prep level English
- 3 years of social studies
- 3 years of math including Algebra I, Geometry, and Algebra II
- 3 years of natural science including 2 credits of laboratory science such as biology, chemistry, or physics.

You will need at least four more credits from the following areas; world language (having 2 or more years of a single world language is strongly recommended and now required by many schools), fine arts, computer sciences, and other academic subjects.

Depending on your possible major or career field, you may need more courses in specific subjects to be well prepared. Consult your counselor in the Student Services office for suggested courses related to your career clusters.

What else should I do to prepare for admission?

You should apply to take entrance exams (ACT or SAT) in your Junior year (April or June are suggested). To best prepare for the ACT, college prep courses should be taken in high school. There also are many practice tools available for students to familiarize themselves with test structure. For more information, parents and students may see their school counselor. Request that the scores be sent to schools you are considering.

Entrance exam scores can be used along with your class rank to determine your admission as a new student. Some colleges publish minimum requirements for class rank and/or entrance exam scores. In some cases, if you don't meet minimum requirements for class rank, a high ACT or SAT score may not help you gain admission. See your counselor or the college website about the rank and scores required at the schools you are considering.

What if I don't know if a 4-year program is best for me?

Keep as many options open as possible by including college prep courses in your high school plan. These courses will best prepare you for college if you decide that is the right educational choice for you. If you decide to pursue another pathway, those courses will have given you a strong, balanced background which can serve you well.

A final tip: A valuable resource concerning the UW System is: The Help Line at 1-800-442-6459 or www.uwhelp.wisconsin.edu.

Technical College or Trade School Preparation

High School is a time to gain skills and knowledge in a wide variety of subjects. It is also an opportunity to identify areas of strength, weakness, and interest which may play an important role in selecting a career area. As you explore careers and education after high school, you may find that your career skills can adequately or even best be learned at a technical college or industry-specific school.

Technical colleges and other industry schools require a high school diploma just as a 4-year institution. If a GED is your path, you may need to enroll in additional credits at these colleges to ensure the knowledge and skills background you need to succeed. Programs of study at each institution may require or encourage specific high school courses related to the field. Having this strong high school academic and skills-based background increases your chances of entering the program of your choice. Technical college programs may also have waiting lists to enroll based on the number of students accepted into any program. Your readiness for enrollment ensures you have the best opportunity to enroll in the program of your choice.

What courses should I take? Technical colleges and Industry specific schools require high school courses in English, Math, Social Studies, Science, and Career and Technical Education. Programs may also highly value

courses in Physical Education/Health, Arts, and Music depending on the program of your choice. It is suggested that you review the courses in your career clusters to ensure your readiness for acceptance at a post-secondary program.

What else should I do to prepare for admission?

You should apply to take entrance exams (such as ACT, ASSET, or COMPASS) in your Junior year (April or June are suggested). To best prepare for the ACT, courses in English, math, social studies and science should be taken in high school. There are many practice tools available for students to familiarize themselves with test structure. For more information, parents and students may see their school counselor. Request that the scores be sent to schools you are considering. Technical colleges may have specific requirements for testing in specific programs. Please review these so you are ready for admission.

There are a multitude of options for dual credit or transcribed credit for admission to a technical college degree program. Those courses offered in your high school are named in this course book. If you choose to take college credit while in high school, those credits, as well, may be transferred to a technical college system school.

Entrance exam scores can be used along with your class rank to determine your admission as a new student. Some technical colleges and industry specific institutions publish minimum requirements for class rank and/or entrance exam scores. See your counselor or the college website about the rank and scores required at the schools you are considering.

What if I don't know if a 1 or 2-year program is best for me?

Keep as many options open as possible by including college prep and other elective courses in your high school plan. These courses will best prepare you for post-secondary admission if you decide that is the right educational choice for you. If you decide to pursue another pathway, those courses will have given you a strong, balanced background which can serve you well.

A final tip: A valuable resource concerning the Wisconsin Technical College System is www.wtcsystem.edu (PS -- the address in the book is a .com site that does not go directly to the WTSC website.)



ADDITIONAL OPPORTUNITIES

Global Education Achievement Certificate—Endorsements shall be awarded to students who have demonstrated a dedication to global education by successfully fulfilling the recommended criteria in the following four (4) areas: Coursework, Cultural Literacy, Co-Curricular and Other School-Sponsored Activities and Community Service over their four-year high school career. The Department of Public Instruction issues the state certificate. Interested students should see Ms. McGowan (Logan) or Mr. Havlicek (Central).



AVID (Advanced Via Individual Determination) – AVID is a four-year elective program designed to help students be successful in high school and college. AVID students are actively involved in their own education and grow academically and personally through the support of the AVID College Readiness System. AVID students also become thoroughly grounded in AVID strategies (WICOR: writing, inquiry, collaboration, organization and reading). Students who are interested in AVID must fill out an application and go through an interview process.

Core Courses: Potential Pathways

A total of 15.5 Core Course credits are required for graduation. The number of credits required in each content area is identified in the left-hand column of the following chart. Available Core Courses are listed by grade level.

Core Courses	<i>Grade 9</i>	Grade 10	Grade 11	Grade 12
English	English 9	English 10	English 11	Senior English
4.0 Credits	World Humanities	Pre AP English	AP English 11	College Prep English AP English 12
Math	Algebra I (Also extended)	Algebra I (Also extended)	Geometry (Also extended or honors)	Geometry (Also extended or honors)
3.0 Credits	Geometry (Also honors)	Geometry (Also extended or honors) Algebra II (Also extended or honors) *Digital Electronics (Must be taken concurrently with or following the completion of Geometry)	Algebra II (Also extended or honors) Intro to Statistics Pre-Calculus AP Statistics *Digital Electronics (Must be taken concurrently with or following the completion of Geometry)	Algebra II (Also extended or honors) Pre-Calculus AP Statistics AP Calculus *Digital Electronics (Must be taken concurrently with or following the completion of Geometry)
Science	Biology (Also honors)	Science Matters Chemistry (Also honors) Principles of Engineering	<i>Choose at least 1.0 Science credit: 4-year colleges require 3 years of natural science, two of which must be lab or sciences. Chemistry, Physics, and Principles of Engineering are examples which would meet this requirement.</i>	<i>Optional – refer to college program requirements or career interest</i>
3.0 Credits				
Social Studies	World History	U.S. History	U.S. Government	Economics
3.0 Credits	AP World History	AP U.S. History	AP Government	AP Economics
Physical Education	Fitness & Wellness (required class, take grade 9 or 10 before any other PE)			
1.5 Credit (over 3 yr span)				
Health	Self-Awareness (take grade 9 or 10)			
.5 Credit				
Personal Finance		Personal Finance		
.5 Credit				

Additional Electives : 8.5 electives required

It should be noted that both Core and Elective course requirements may be satisfied through on-line courses, when available.

*Offered at Logan High School only

Descriptions of Required Freshmen Core Courses

(Choose one in each content area)

LANGUAGE ARTS

201 ENGLISH 9

1 Credit **Year** **9**

English 9 provides students with the opportunity to develop reading, writing, speaking, and listening skills that meet Common Core Proficiency Standards. Students will study literature, informational text, and critical analysis, as well as the research and writing process.

202 WORLD HUMANITIES-ENGLISH (*Honors*)

1 Credit **Year** **9**

World Humanities provides students with the opportunity to integrate studies in World History and English in a chronological approach to major themes from early cultures through modern times. It provides students who have reached an advanced level of proficiency an opportunity to further enhance their skills. This course is part of the Advanced Placement vertical sequence.

MATHEMATICS

254 ALGEBRA I

1 Credit **Year** **9, 10**

Algebra I is designed to develop the arithmetic and algebraic skills necessary for problem solving and advanced mathematics study. Instead of working with constant numeric quantities in arithmetic, algebra deals with variables. Following the successful completion of Algebra I generally enroll in Geometry or Algebra II.

254* ALGEBRA I EXTENDED**

254EXE 1 Credit (Math) **Year** **9, 10**

254EXM 1 Credit (Elective) **Year**

Algebra I Extended is designed to develop the student's arithmetic and algebraic skills necessary for problem solving and advanced mathematics study. Instead of working with constant numeric quantities in arithmetic, Algebra I Extended deals with variables.

This course covers the same curriculum as Algebra I but the student has two class periods to learn and comprehend the curriculum. The student has this course for two consecutive periods and 8-period days and one period on EL days. This course allows for additional examples, questioning and collaborative work time.

257 GEOMETRY

1 Credit **Year** **9, 10, 11, 12**

Geometry students will develop the concepts and relationships involved with plane geometrical figures. Investigations will be provided that will develop the student's inductive and deductive reasoning skills. Problem solving using geometrical concepts and relationships will be a major component of the course.

258 HONORS GEOMETRY

1 Credit **Year** **9, 10, 11, 12**

Honors Geometry involves most of the same concepts studied in geometry, but the approach is much more formal. Students thinking about pursuing math-related careers should be challenged by this course. Placing an emphasis on formal proofs, students will develop their deductive and inductive thinking skills while developing an appreciation for a formal mathematical system.

HEALTH

432 SELF AWARENESS: HEALTH *(Required)*

.5 Credit

Semester

9, 10, 11, 12

Self-Awareness is a class designed for students who have a particular interest in the psychological aspects of humans and who want a better understanding of the key factors motivating human behavior. The six major components of this class are:

- A. Health and Wellness
- B. Self-Awareness
- C. Stress Management
- D. Longevity Factors
- E. Drugs & Society
- F. Human Relations
- G. Emotional Health

This class will develop a personal health program, evaluate the components of psychosocial health, distinguish behaviors that resist drugs and avoid violence, and evaluate the importance of interpersonal relation skills to current issues.

SCIENCE

304 BIOLOGY

1 Credit

Year

9, 10, 11, 12

Biology is designed to provide an understanding of chemical and biological aspects of the environment. Problem solving will be approached through lab activities. Students will be expected to gain an understanding of the interactions of science, technology, and society. Topics/concepts will be aligned with the Life and Environmental Wisconsin State Standards and include an Introduction to Biology, Biochemistry, Cell Structure and Function, Classification, Microbiology/Immunology Diseases and Animals, Plants, Genetics and Evolution, Human Systems, Ecology, and Taxonomy.

305 HONORS BIOLOGY

1 Credit

Year

9, 10

Honors Biology is a course for students who wish to pursue a strong science math related career. The course of study is the same as that described in regular Biology with the addition of the following:

1. Students will do one laboratory or literature research project per quarter that relates to each block of study.
2. Activities will be open-ended and problem-solving in nature.
3. Students will have greater exposure to biological theory and will be expected to learn and use more technical vocabulary.
4. There will be an increased use of charts, graphs and data tables.
5. Each student will be expected to develop and complete one major project.

SOCIAL STUDIES

352 WORLD HISTORY

1 Credit

Year

9, 10, 11, 12

World History is a survey of human progress from ancient times to the present. Included in this study of forces and events are different cultures, religions, political and economic systems as well as geography and current issues which have influenced people(s) and nations through the centuries.

373 AP WORLD HISTORY

1 Credit

Year

9, 10, 11, 12

The AP World History course is structured around themes and concepts in six different chronological periods from approximately 8000 BCE to the present: Technological and Environmental Transformations (to c. 600 BCE); Organization and Reorganization of Human Societies (c. 600 BCE to c. 600 CE); Regional and Transregional Interactions (c. 600 CE to c. 1450); Global Interactions (c. 1450 to c. 1750); Industrialization and Global Integration (c. 1750 to c. 1900); Accelerating Global Change and Realignment (c. 1900 to the Present). Themes allow students to make connections and identify patterns and trends over time.

PHYSICAL EDUCATION

400 FITNESS/WELLNESS

.5 Credit **Semester** **9, 10**

Note: This course needs to be completed before the end of the 10th grade year

Emphasis will be placed on total wellness, which will include analyzing individual needs in the areas of strength, endurance, cardiovascular fitness, flexibility, and body composition. Nutrition, goal setting, dealing with stress, and consumer issues will also be covered. A complete fitness portfolio must be completed.

Descriptions of Additional Freshman Elective Courses

ART

450 ART I

1 Credit **Year** **9, 10, 11, 12**

Art I is a course designed for all students interested in learning fundamentals of drawing, painting, printmaking, sculpture, commercial design, and art appreciation, while exploring the properties of various media, the importance of art history through creative problem and critical thinking skills.

BUSINESS

235 YEARBOOK PRODUCTION

1 Credit **Year** **9, 10, 11, 12**

Yearbook Production is a course designed to teach students layout, design, copy editing, photography, graphics, and advertising/finance, with the final product of the yearlong course being the actual production of the school yearbook. This course earns elective, not English, credit.

500 KEYBOARDING FOR EVERYONE

.5 Credit **Semester** **9, 10, 11, 12**

Keyboarding is an essential skill for everyone! Whether you are going on to post-secondary schooling or straight into the workforce, keyboarding technique is crucial. This independently run one-semester course is designed to work with students with varying levels of keyboarding experience. Students with little or no keyboarding experience will learn basic keyboarding technique followed by drill and focus on improving speed and accuracy. Students with intermediate and advanced keyboarding skills will be given a brief review of the keyboard followed by drill and focus on improving speed and accuracy. All students will learn document processing skills relative to post-secondary education and employability skills.

517 COMPUTER & INTERNET APPLICATIONS

.5 Credit **Semester** **9, 10, 11, 12**

Recommendation: Keyboarding course is strongly recommended

To be effective in the 21st century, students and employees must be able to exhibit a range of functional and critical thinking skills related to information, media and technology. In this course, students will learn skills to successfully access and evaluate information, use and manage information, create and analyze media products, and apply technology effectively for everyday use. The class has been designed using the current ISTE standards and the Microsoft Office Specialist and Internet & Computing Core Certification modules. Specific units include: Computer Fundamentals, Living Online & Research Tools, Microsoft Word, Microsoft Excel, and Microsoft Power Point.

*Transcribed credit available at Western Technical College. **This course is also offered online.***

520 INTRO TO BUSINESS

.5 Credit **Semester** **9, 10**

This one-semester course gives students a general overview of the world of business. This introductory level course allows students a chance to get a taste of other business and marketing courses which are offered at the high school level. Students will explore different topics involving business management, accounting, marketing, personal finance, maintaining a checkbook, basic budgeting, investments, ethics, business communications, entrepreneurship, and other business-related careers. Students will understand why business-related majors are one of the most popular in post-secondary education today.

FAMILY & CONSUMER ED

552 SEWING SKILLS

.5 Credit

Semester

9, 10, 11, 12

Clothing Skills is a course that focuses on using a pattern when sewing for the individual. Fashion trends are explored to develop and improve personal clothing styles. A minimum of two projects will be constructed.

553 PARENTS & CHILDREN

.5 Credit

Semester

9, 10, 11, 12

This course covers human growth and development including conception, prenatal development, labor/delivery, and care of the newborn. A field trip to the Family Birthing Place is offered to extend labor and delivery information. Principles of child development through the age of three will be covered. Developmentally appropriate activities and healthy child guidance skills are also studied. *This course, when taken with Child Development, is transcribed with Western Technical College.*

558 FOODS FOR LIFE

.5 Credit

Semester

9, 10, 11, 12

Foods for Life activities will increase the students' present understanding of food choices and develop skills in preparing nutritious foods for the family. Topics include: entry level cooking, techniques, safety and sanitation, and the integration of foods for life and recipe development for eating light and healthy.

566 FASHIONS AND HOME DESIGN

.5 Credit

Semester

9, 10, 11, 12

Fashions and Home Design is for those students who enjoy design and want to learn more about fashions and interior decorating. Elements and principles of design are applied to both fashion and home design projects. Topics include: textiles, principles and elements of design, understanding house plans, and developing interior plans.

573 EXPLORING HEALTH CAREERS

.5 Credit

Semester

9, 10, 11, 12

In the first quarter of *Exploring Health Careers*, students will be introduced to the healthcare system and the variety of opportunities in this career cluster. Further topics will include the legal and ethical responsibilities of healthcare professionals and cultural and global topics related to medicine. In the second quarter of the class, students will delve into the basics of anatomy and physiology and first aid that will provide a foundation for further courses. *Exploring Healthcare Careers* will provide a glimpse into a wide variety of healthcare positions as well as universal career skills.

LANGUAGE ARTS

230 THEATRE I

.5 Credit

Semester

9, 10, 11, 12

Theatre I provides the student with a focus on acting and acting styles as a learned discipline, with an emphasis on characterization and performance techniques. Theatre I explores the literature and history of theatre and reveals theatre to be a source of culture, art, pleasure and self-awareness.

231 THEATRE II

.5 Credit

Semester

9, 10, 11, 12

Theatre II is designed to provide the student with an introduction to directing and directing techniques. Various elements of acting are also addressed in this course. The course also introduces elements of stagecraft specific to set design and construction, make-up and application, lighting, sound, effects, props, and general stage and house management.

MUSIC

100 9TH GRADE WOMEN'S CHORUS

.5 Credit

Year

9

9th Grade Women's Chorus offers students an opportunity to engage in the performance and understanding of distinctive and diverse women's vocal literature in an enjoyable and encouraging environment. Skills required in the one credit choirs are introduced in this course. 9th Women's Chorus introduces sight reading as an essential tool for cultivating personal and musical confidence. Students will learn the importance of their contribution in preparing performances and they will gain an appreciation of the process involved in creating musical excellence. All students receive individual or small group voice lessons where applicable techniques of vocal production are taught. 9th Women's Chorus gives 2-4 public performances each year. In addition, each chorus participates in a clinic, festival, or contest activity. All chorus students have the opportunity to participate in solo/ensemble festival.

101 BAND

1 Credit

Year

9, 10, 11, 12

Recommendation: Ability to play a band instrument or consent of instructor

The Band program offers a wide variety of growth experiences throughout the year to students. The major performing groups include marching band for everyone the first quarter of school, and membership in the concert bands the remaining three quarters. Membership in either the Wind Ensemble or the Symphonic Band will be determined by audition. Band students receive a balanced program of instrumental music education. Lessons, concert and marching band, solo-ensemble, and other enrichment experiences combine to improve your individual musicianship, your intelligence, and problem solving skills in an atmosphere that's fun, rewarding, and challenging. Jazz band and Pep band are offered as co-curriculum groups outside the school day.

108 ROBED CHOIR

1 Credit

Year

9, 10, 11, 12

Select/Robed Choir offers students an opportunity to engage in the performance and understanding of distinctive and challenging vocal literature in an enjoyable and encouraging environment. This Choir emphasizes the study of 4-part sight reading as an essential tool for cultivating personal and musical confidence. Students will learn the importance of their contribution in preparing performances and they will gain an appreciation of the process involved in creating musical excellence. All students receive individual or small group voice lessons where applicable techniques of vocal production are taught. Advanced students have the opportunity to participate in the National Association of Teachers of Singing events, to develop and present voice recitals, and to sing at numerous community activities.

Robed Choir gives several public performances in various venues throughout the Midwest. In addition, Robed Choir participates in a clinic, festival, or contest activity. All choir students have the opportunity to participate in solo/ensemble festival.

112 MEN'S CHOIR

.5 Credit

Year

9, 10, 11, 12

Men's Choir offers students an opportunity to engage in the performance and understanding of distinctive and diverse male vocal literature in an enjoyable and encouraging environment. Skills required in the one credit choirs are introduced in this course. Men's choir introduces sight-reading as an essential tool for cultivating personal and musical confidence. Students will learn the importance of their contribution in preparing performances and they will gain an appreciation of the process involved in creating musical excellence. All students receive individual or small group voice lessons where applicable techniques of vocal production are taught.

118 ORCHESTRA I

1 Credit

Year

9, 10, 11, 12

All String students should enroll in Orchestra 118 to ensure a placement in the class. Placement in either Orchestra I or Orchestra II will be determined in May by the high school orchestra director.

High school Orchestra offers students an opportunity to engage in the performance and understanding of distinctive and challenging literature for string and chamber orchestra in an enjoyable and encouraging environment. In Orchestra I, developing students learn the importance of their contribution in preparing performances and gain an appreciation of the process involved in creating musical excellence. Skills required for current and more advanced developmental levels are introduced, reviewed and further refined. All students receive individual or small-group lessons where string techniques are taught, individually tailored to the developmental level of each student. Both the Central and Logan Orchestra I groups give several public performances each year; in addition, each group participates in a clinic, festival or contest activity.

120 ORCHESTRA II (Chamber)

1 Credit

Year

9, 10, 11, 12

Membership selection is determined in each high school using a process determined by the orchestra director. The selection process will be clearly explained and made available to students during the spring semester. This information is also available by contacting the respective high school/middle school orchestra director. Orchestra II offers string students the opportunity to explore and perform many challenging styles of advanced orchestral literature. At a variety of times, wind and percussionists are invited to perform with the string orchestra to provide performance of full symphonic literature. Orchestra II emphasizes the advanced pedagogical skills as an essential tool for preparing the confidence needed to perform the more advanced literature. All string students receive individual or small group lessons to help each student with skill development. Orchestra gives several public performances throughout the academic year. In addition, Orchestra II students also participate in a clinic, festival, or contest activity, as well as the opportunity to perform in solo/ensemble festival.

TECHNOLOGY EDUCATION

551 COMPUTER CONSTRUCTION (IT Essentials)

.5 Credit

Semester

9, 10, 11, 12

Computer Construction & Maintenance is a course designed to give the learner knowledge about how a computer and an operating system function. Students will work in teams to build a computer from the ground up. The student will gain knowledge on how to properly install, configure, upgrade, troubleshoot, and repair microcomputer hardware. This includes basic knowledge of desktop and portable systems, basic networking concepts, and printers. The student will also gain knowledge of safety and common preventive maintenance procedures. This class will introduce the student to A+ Certification—an entry level certification exam recognized in the IT industry.

604 INTRODUCTION TO COMPUTER-AIDED DESIGN & ARCHITECTURE

.5 Credit

Semester

9, 10, 11, 12

This is a course for those students who want to develop basic technical skills in drafting. The course enhances and further develops skills such as designing, drawing, planning, and problem-solving. Students learn how to design, plan, prepare, interpret, and use drawings in today's society. The course focuses on mechanical and architectural drawing.

638 WOODS I

.5 Credit

Semester

9, 10, 11, 12

Woods I is a course for students interested in constructing a project that is used in a recreational or hobby area. The course teaches students about basic woodworking. Students learn to work safely with woodworking tools and machines.



The School District of La Crosse is a Certified Project Lead the Way (PLTW) school district. This certification distinction provides college credits to students who participate in the PLTW classes including:

- Introduction to Engineering Design (IED) (see course 609, available to freshmen, on the next page)
- Principals of Engineering (POE)
- Digital Electronics (DE)
- Computer Integrated Manufacturing (CIM)

Students who have successfully completed any of these PLTW courses may be eligible for transcribed credit and/or advanced standing at the Milwaukee School of Engineering as well as Western Technical College. See your school counselor or PLTW instructor for more information.

609 INTRODUCTION TO ENGINEERING DESIGN (PLTW)

1 Credit

Year

9, 10, 11, 12

Students dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects. They work both individually and in teams to design solutions to a variety of problems using 3-D modeling software.

WORLD LANGUAGE

150 FRENCH I

1 Credit	Year	9, 10, 11, 12
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French I introduces the student to various aspects of the language and francophone culture. Emphasis is placed on the communication skills of speaking, listening, reading, and writing. Students will begin using the target language immediately and learn basic vocabulary relating to school, home, foods, and the world around them. An awareness and understanding of cultures different from our own will be developed as French history, geography, and contemporary life in France and French-speaking countries are studied.

152 FRENCH II

1 Credit	Year	9, 10, 11, 12
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Recommendation: French I

French II reviews the material learned in French I and continues to develop vocabulary and grammar skills. Students will be speaking the target language the majority of the time. Through role-playing, skits, cooperative groups, and partner activities, students will continue to develop proficiency in the four skill areas. More detailed studies of the French and French-speaking peoples and their cultures, both present and past, are undertaken.

160 SPANISH I

1 Credit	Year	9, 10, 11, 12
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Spanish I students will start to use the language to talk about their lives and the world around them and will learn basic vocabulary and grammar skills. The students will be introduced to the richness and diversity of Hispanic cultures. Students will be expected to take an exit exam to determine readiness for Spanish II.

162 SPANISH II

1 Credit	Year	9, 10, 11, 12
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Recommendation: Spanish I

Spanish II provides the student with continuing opportunities to gain communicative skills by acquiring more vocabulary and grammar concepts. Emphasis is placed on three modes of communication: interpersonal, interpretive and presentational. Students continue to study the cultures of Spanish-speaking countries.

176 GERMAN I

1 Credit	Year	9, 10, 11, 12
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German I students begin to develop listening, speaking, reading, and writing skills. The main emphasis is on oral communication. Students will learn about America's German heritage, the geography of German-speaking countries, and about the cultural differences and similarities between German and American young people.

178 GERMAN II

1 Credit	Year	9, 10, 11, 12
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Recommendation: German I

German II students will be able to handle typical social situations in an appropriate manner and to tend to their welfare in a limited manner in the target culture. Students will be able to converse, read, and write about events in the present, past, and future tense. German fairy tales will be read.

190 CHINESE I

1 Credit	Year	9, 10, 11, 12
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Chinese I will introduce the main features of Mandarin, China's official dialect. Using a phonetic link to English, students will develop listening, speaking, and writing skills which will enable them to communicate in very simple, but correct Chinese in ordinary daily life. Students can expect to read approximately 350 characters as a means to understand an elementary text of Chinese reflecting social activity. Topics include geography, Chinese society, and cross-cultural issues.