Greetings Students,
We are extremely fortunate in the School District of La Crosse to be able to provide you with a tremendous variety of excellent course and program options. The comprehensive list of course offerings detailed in this high school course guide is evidence of the wide spectrum of learning opportunities for you to consider.
With the array of course options herein, it is important that you review the courses prior to completing your registration sheets. To help the process of course selection, we encourage you to have thoughtful conversations about the various options with caring resource people in your life (e.g. your parent(s), teachers, additional family members, friends, etc.). Clearly, your school counselor is a critically important resource as he/she can assist you in formulating the most effective pathway to meeting both your high school goals and your "career and college readiness" goals.
Our goal in the School District of La Crosse is to make your high school experience meaningful, relevant, and memorable. Finally, we are in a continuous process of improvement, innovation, and growth; so, if you have ideas regarding how we can make our course offerings even better, please let us know!

Sincerely,
Dr. Troy Harcey
Associate Superintendent of Instruction

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Mallory Saurer, Associate Principal
Tony Servais, Dean of Students
Mark Ambrose, Activities Director
Kirsten Jandrin, School Counselor
Ryan Schaller, School Counselor
Andrea Cwiak, School Counselor
Meredith Tomesh, School Counselor

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Tony Depaolo, Associate Principal
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Michael St. Pierre ..... Director of Information Technology
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Curt Teff.....Director of Community Services
Aimee Zabrowski..... Director of Student Services
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Kellie Schmitz.....Supervisor of Educator Readiness

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Jennifer Ruetten.....Coordinator of Social Studies (Elementary)
Tim Sprain..... Coordinator of Science (Secondary)
Marcia Gardner..... Coordinator of Science (Elementary)
Cassie Tolvstad.....Coordinator of World Language
Melissa Ender..... Coordinator of ELA (Elementary)
Kate Keeney..... Coordinator of ELA (Secondary)
Kim Novak..... Coordinator of Math (Secondary)
Garrett Zimmerman..... Supervisor of Summer School
Jacquelyn Lyga.....Supervisor of Math (Elementary)
Micah Averbeck..... Coordinator of Fine Arts
Britta Rotering.....Supervisor of Career & Technical Education
Lisa Schreiner..... Supervisor of After School Programs & Art
Archie Barribeau .....Coordinator of High Performance Learning
Greg Fenton.....Supervisor of Special Education
Olga Dedkova.....Coordinator of English Learners
Jen Kalis.....Coordinator of 4K

High School Mission Statement

The high school will establish an educational program which provides students the opportunities to develop skills and behavior necessary for current and future success.

Goals

1. Develop and apply problem solving, critical thinking and information gathering skills.
2. Develop global, environmental and cultural awareness.
3. Develop all forms of communication skills.
4. Grow in creativity and aesthetic awareness.
5. Acquire basic knowledge to function in society.
6. Develop attitudes which encourage life-long learning.
7. Function in an ever changing technological environment.
8. Participate in alternative programs based on needs.
9. Participate in a comprehensive co-extra curricular activities program to enhance lifelong skills.
10. Enhance interpersonal skills and responsible behavior.
11. Develop healthy, mental, physical and social well-being.
12. Provide preparation for advanced training in either academic or vocational fields to enable each child to choose and pursue life work intelligently.

Philosophy of Education

The School District of La Crosse believes that its primary responsibility is to provide excellence in education for all children and to assure that each will be a successful student. The district will devote its energies and resources to achieve this goal within the means of the community. Our objective is to provide students with instruction in subjects which are necessary to develop skills for successful and productive lives and to stimulate the development of intellectual capabilities, emotional well-being, productive citizenship and each individual's potential.

Digital Course Guide

Four Guiding Questions

The following questions guide students and teachers as we teach and learn.

1. What should I know and be able to do as I learn in my course(s)?
What are the essential learning standards my teacher(s) have outlined for me to learn?

2. How will I know if I learned it?
What is the evidence that I am learning? Examples might include:
Teacher Feedback
Scores / Points
Self Review
Assessment Results

3. What do I do if I experience trouble learning in my course(s)?
Will I re-do an assignment?
Will I re-take an assessment?
Will I ask for help?

4. What do I do if I already know what is being taught?
Will I extend my learning in my course(s) by talking with my teacher to learn at my level?
Will I select a different course that is more appropriate for me?

*Earn the high school experience and the high school transcript that empowers your future!
*Your teachers, counselors and principals are ready to help!
*Your future is waiting for you!

Graduation Requirements

Math	3.0 credits
English	4.0 credits
Social Studies	3.0 credits
Science	3.0 credits
Physical Education	1.5 credits
Health	.5 credits
Personal Finance	.5 credits
Non-spec. Electives	8.5 credits
Total required for Graduation	24

*Additional Graduation Considerations:
1. 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).

Summer School

Students may take a course for credit during Summer School. A variety of original credit options will be offered. Please see the Summer School Course Guide for more information.

Public Notice of Nondiscrimination Policy

It is the policy of the School District of La Crosse, pursuant to s. 118.13 Wisconsin Statutes and PI 9 that no person on the basis of sex, race, religion, national origin, ancestry, creed, pregnancy, marital or parental status, sexual orientation or physical, mental, emotional, or learning disability, may be denied admission to any public school in this district or be denied participation in, be denied the benefits of, or be discriminated against in any curricular, co/extra-curricular, pupil services, recreational, or other program or activity.

This chapter does not intend to prohibit the provisions of special programs or services that are located in specific schools and are based upon objective standards of individual need or performance to meet the needs of pupils, including gifted and talented, special education, school-aged parents, bilingual bicultural, at risk and other special programs; or programs designed to overcome the effects of past discrimination.

These procedures shall not limit a parent or adult student's access to the impartial due process hearing procedures authorized by chapter 115 of WI Statutes or the Individuals with Disabilities Education Act.

1. Inquiries related to Title IX of the Federal Education Amendments of 1972, (prohibits discrimination on the basis of sex), Title VI of the Civil Rights Act of 1964 (prohibits discrimination on the basis of race and national origin), Chapter I of Title I ESEA of 1965 as amended in 1988 (education of the disadvantaged), or Wisconsin Statutes relating to race, religion, national origin, ancestry, creed, or sexual orientation may be directed to:

Associate Superintendent/Instruction
School District of La Crosse
807 East Avenue South
La Crosse, WI 54601
(608) 789-7654

2. Inquiries related to Section 504 of the Federal Rehabilitation Act of 1973, (mandates civil rights for persons with disabilities), the Americans with Disabilities Act of 1990 (prohibits discrimination on the basis of disabilities), the Individuals with Disabilities Education Act, Wisconsin Statutes Chapter 115 and Wisconsin Administrative Code PI 11 (provides for the education of children with disabilities) and statutes relating to pregnancy, marital or parental status may be directed to:

Director of Student Services
School District of La Crosse
807 East Avenue South
La Crosse WI 54601
(608) 789-7655

Director of Human Resources
School District of La Crosse
807 East Avenue South
La Crosse WI 54601
(608) 789-7650

Courses Offered By
Central and Logan High Schools

Art

ID	Course	Open To	Credit	Length	Page
450	Art I	9, 10, 11, 12	1.0	Year	25
451	Art Drawing II	10, 11, 12	.5	Semester	25
452	Art Drawing III	10, 11, 12	.5	Semester	25
453	Painting II	10, 11, 12	.5	Semester	25
454	Painting III	10, 11, 12	.5	Semester	25
455	Sculpture II	10, 11, 12	.5	Semester	25
456	Sculpture III	10, 11, 12	.5	Semester	25
457	Art Seminar	11, 12	.5	Semester	25
459	Digital Art	10, 11, 12	.5	Semester	26
460	AP Art Studio	11, 12	.5	Semester	26

Business and Marketing Education

ID	Course	Open To	Credit	Length	Page
235	Yearbook Production	9, 10, 11, 12	1.0	Year	30
500	Keyboarding for Everyone	9, 10, 11, 12	.5	Semester	28
507	Accounting I	10, 11, 12	.5	Semester	28
508	Accounting II	10, 11, 12	.5	Semester	28
509	Accounting III	11, 12	.5	Semester	28
510	Personal Finance	10, 11, 12	.5	Semester	28
512	Intro to Marketing	9, 10, 11, 12	.5	Semester	28
513	Advanced Marketing	11, 12	.5	Semester	28
515	Hospitality and Tourism	10, 11, 12	.5	Semester	29
516	Business Law	10, 11, 12	.5	Semester	29
517	Computer and Internet Applications	9, 10, 11, 12	.5	Semester	29
520	Intro to Business	9, 10	.5	Semester	29
522	Management and Entrepreneurship	10, 11, 12	.5	Semester	29
538	International Business	11, 12	.5	Semester	30
549	Sports and Entertainment Marketing	10, 11, 12	.5	Semester	30
550	Web Design	10, 11, 12	.5	Semester	30
576	Servant Leadership	10, 11, 12	.5	Semester	30

English Language Arts

ID	Course	Open To	Credit	Length	Page
201	English 9	9	1.0	Year	35
202	World Humanities (Honors)	9	1.0	Year	35
205	English 10	10	1.0	Year	35
208	Pre-AP English	10	1.0	Year	35
210	English 11	11	1.0	Year	36
212	Novels/English 11	11	1.0	Year	36
213	AP English 11 (Honors)	11	1.0	Year	36
217	Creative Writing	11, 12	.5	Semester	36
220	Survey of English Literature	11, 12	.5	Semester	36
221	Novels	11, 12	.5	Semester	36
223	College Prep English	12	1.0	Year	36
226	Advanced Speech	12	.5	Semester	36
228	Senior English	12	1.0	Year	36
230	Theatre I	9, 10, 11, 12	.5	Semester	37
231	Theatre II	9, 10, 11, 12	.5	Semester	37
233	AP English 12	12	1.0	Year	37

Family and Consumer Education

ID	Course	Open To	Credit	Length	Page
552	Fashion and Fabrics	9, 10, 11, 12	.5	Semester	32
553	Child Development	9, 10, 11, 12	.5	Semester	32
558	Foods For Life	9, 10, 11, 12	.5	Semester	32
559	Advanced Foods	10, 11, 12	.5	Semester	32
560	World Cuisine	9, 10, 11, 12	.5	Semester	32
562	Independent Living	10, 11, 12	.5	Semester	32
566	Housing and Interior Design	9, 10, 11, 12	.5	Semester	32
	Housing and Interior Design II	9, 10, 11, 12	.5	Semester	32
570	Assistant Child Care Teacher	10, 11, 12	.5	Semester	32
573	Exploring Healthcare Careers	9, 10, 11, 12	.5	Semester	32

Health

ID	Course	Open To	Credit	Length	Page
430	Holistic Health Practices	10, 11, 12	.5	Semester	34
432	Self Awareness: Health	9, 10, 11, 12	.5	Semester	34

Mathematics

ID	Course	Open To	Credit	Length	Page
246	Advanced Math Topics	11, 12	.5	Year	39
247	Introduction to Statistics	11, 12	.5	Year	39
248	AP Statistics	11, 12	1.0	Year	39
249	Pre-Algebra (Logan)	9, 10, 11, 12	1.0	Year	40
254	Algebra I	9, 10, 11, 12	1.0	Year	40
257	Geometry (also Extended for Grades 10-12)	9, 10, 11, 12	1.0	Year	40
258	Honors Geometry	9, 10, 11, 12	1.0	Year	40
260	Algebra II	10, 11, 12	1.0	Semester	40
261	Honors Algebra II	10, 11, 12	1.0	Semester	40
262	Pre-Calculus	11, 12	1.0	Semester	40
263	Algebra III	11, 12	1.0	Semester	41
266	AP Calculus	12	1.0	Year	41
270	Intro to Programming I (Central)	10, 11, 12	.5	Semester	41
271	Intro to Programming II (Central)	10, 11, 12	.5	Year	41
273	Computer Programming Seminar (Central)	11, 12	.5	Semester	41
274	AP Computer Science Principles	10, 11, 12	1.0	Semester	41

Music

ID	Course	Open To	Credit	Length	Page
100	9th Grade Treble Choir	9	.5	Year	42
101	Band	9, 10, 11, 12	1.0	Year	42
102	Honors Band	9, 10, 11, 12	1.0	Year	43
103	9th Grade Honors Upper Treble Choir	9	.5	Year	43
104	Music Theory	9, 10, 11, 12	.5	Semester	43
107	Music Appreciation/Soundscapes	9, 10, 11, 12	.5	Semester	43
108	Select Choir (Logan)/Robed Choir (Central)	9, 10, 11, 12	1.0	Year	43
110	Honors Choir	9, 10, 11, 12	1.0	Year	44
112	Bass Choir	9, 10, 11, 12	.5	Year	44
114	Upper Treble Choir	10, 11, 12	1.0	Year	44
115	Honors Bass Choir	9, 10, 11, 12	.5	Year	44
118	Orchestra I	9, 10, 11, 12	1.0	Year	45
120	Orchestra II	9, 10, 11, 12	1.0	Year	45
121	Honors Orchestra II	9, 10, 11, 12	1.0	Year	45

Physical Education

ID	Course	Open To	Credit	Length	Page
400	Fitness and Wellness	11, 12	.5	Semester	47
410	Fit For Life	11, 12	.5	Semester	47
412	Selective PE	11, 12	.5	Semester	47
413	Adventure Education	9, 10, 11, 12	.5	Semester	47
415	Junior Leaders	9, 10, 11, 12	.5	Semester	47
416	Senior Assistant	9, 10, 11, 12	1.0	Year	48
418	Senior Competitive Activities	9, 10, 11, 12	.5	Semester	48
420	Lifetime Activities	10, 11, 12	.5	Semester	48
422	Lifeguard Training (Logan)	10, 11, 12	.5	Semester	48
423	Weight Training I	11, 12	.5	Semester	48
424	Weight Training II	11, 12	.5	Semester	48
425	Weight Training III	12	.5	Semester	48

Science

ID	Course	Open To	Credit	Length	Page
300	Transition Science (Logan only)	9	1.0	Year	49
301	Science Matters	10, 11, 12	1.0	Year	49
304	Biology	9, 10, 11, 12	1.0	Year	50
305	Honors Biology	9, 10	1.0	Year	50
306	Environmental Science	11, 12	.5	Semester	50
307	Biotechnology	11, 12	.5	Semester	50
308	Chemistry	10, 11, 12	1.0	Year	50
309	AP Biology	11, 12	1.0	Year	50
310	Honors Chemistry	10, 11, 12	1.0	Year	51
311	AP Chemistry	11, 12	1.0	Year	51
312	Biology 105 (Logan)	11, 12	.5	Semester	51
314	Physics	11, 12	1.0	Year	51
316	AP Environmental Science	11, 12	1.0	Year	51
330	MSTaR	11, 12	.5	Semester	52
317	AP Physics	11, 12	1.0	Year	52
318	Anatomy/Physiology I	11, 12	.5	Semester	52
319	Anatomy/Physiology II	11, 12	.5	Semester	52
322	Astronomy	11, 12	.5	Semester	52
616	Principles of Engineering	10, 11, 12	1.0	Semester	52

Social Studies

ID	Course	Open To	Credit	Length	Page
346	Skillbuilding World History/Geography (Logan)	9, 10	1.0	Year	53
349	Skillbuilding U.S. History (Logan)	10	1.0	Year	53
351	Skillbuilding Civics (Logan)	11, 12	.5	Semester	54
352	World History	9, 10, 11, 12	1.0	Year	54
353	U.S. History	10, 11, 12	1.0	Year	54
354	U.S. Government	11, 12	.5	Semester	54
355	Economics	12	.5	Semester	54
356	Workplace Economics (Logan)	12	.5	Semester	54
357	Psychology	10, 11, 12	.5	Semester	55
358	Sociology	10, 11, 12	.5	Semester	55
359	Global Issues	10, 11, 12	.5	Semester	55
363	Lands and Cultures of the World	10, 11, 12	.5	Semester	55
364	World Humanities (Honors) - Logan	9	1.0	Year	55
366	AP U.S. History	10, 11, 12	1.0	Year	55
367	AP European History	11, 12	1.0	Year	55
368	AP Government	11, 12	.5	Semester	56
369	AP Microeconomics (Central)	12	.5	Semester	56
370	AP Macroeconomics (Logan)	12	.5	Semester	56
373	AP World History (Central)	9, 10, 11, 12	1.0	Year	56
374	AP Psychology	10, 11, 12	1.0	Year	56

Technology and Engineering

ID	Course	Open To	Credit	Length	Page
545	CISCO Networking Certification Pathway I (Logan)	10, 11	.5	Semester	59
546	CISCO Networking Certification Pathway II (Logan)	10, 11	.5	Semester	59
547	CISCO Networking Certification Pathway III (Logan)	11, 12	.5	Semester	59
548	CISCO Networking Certification Pathway IV (Logan)	11, 12	.5	Semester	59
551	Computer Construction (IT Essentials)	9, 10, 11, 12	.5	Semester	61
600	Photography - Logan Only	10, 11, 12	.5	Semester	61
602	Video Production and Movie Making - Logan Only	10, 11, 12	.5	Semester	61
603	Creative Metals & Woods	10, 11, 12	.5	Semester	61
604	Introduction to CAD & Architecture	9, 10, 11, 12	.5	Semester	61
605	Architectural CAD Design	10, 11, 12	1.0	Year	61
606	Photography/Video Production - Central Only	9, 10, 11, 12	.5	Semester	
607	CAD Drafting Seminar	11, 12	1.0	Year	61
609	Introduction to Engineering Design (PLTW)	9, 10, 11, 12	1.0	Year	60
611	Manufacturing Systems	10, 11, 12	1.0	Year	61
612	Small Engines, Welding & Fabrication I	10, 11, 12	1.0	Year	61
614	Graphics Arts I (Logan)	10, 11, 12	1.0	Year	61
616	Principles of Engineering (PLTW)	10, 11, 12	1.0	Year	60
617	Digital Electronics (PLTW)	10, 11, 12	1.0	Year	60
618	Computer Integrated Manufacturing (PLTW)	11, 12	1.0	Year	60
624	Small Engines, Welding & Fabrication II	11, 12	1.0	Year	61
626	Graphics Arts II (Logan)	11, 12	.5	Semester	62
628	Graphic Arts III (Logan)	11, 12	1.0	Year	62
634	Woods II	10, 11, 12	1.0	Year	62
638	Woods I	9, 10, 11, 12	.5	Semester	62
639	Woods III	11, 12	1.0	Year	62
640	Automotive Technology	11, 12	1.0	Year	62
647	Tech Ed - Classroom	11, 12	1.0	Year	62
650	Robotics	10, 11, 12	.5	Semester	63

World Language

ID	Course	Open To	Credit	Length	Page
130	Applied Spanish (Logan)	11, 12	1.0	Year	67
150	French I	9, 10, 11, 12	1.0	Year	65
152	French II	9, 10, 11, 12	1.0	Year	65
154	French III	10, 11, 12	1.0	Year	65
156	French IV	10, 11, 12	1.0	Year	65
158	French V	12	1.0	Year	65
160	Spanish I	9, 10, 11, 12	1.0	Year	66
162	Spanish II	9, 10, 11, 12	1.0	Year	66
164	Spanish III	10, 11, 12	1.0	Year	66
166	Spanish IV	10, 11, 12	1.0	Year	66
168	Spanish V	12	1.0	Year	66
131	Spanish Literature	9, 10, 11, 12	1.0	Year	66
176	German I	9, 10, 11, 12	1.0	Year	67
178	German II	9, 10, 11, 12	1.0	Year	67
180	German III	10, 11, 12	1.0	Year	67
182	German IV	11, 12	1.0	Year	67
184	German V	12	1.0	Year	67
190	Chinese I	9, 10, 11, 12	1.0	Year	67
191	Chinese II	10, 11, 12	1.0	Year	67
192	Chinese III	11, 12	1.0	Year	67
193	Chinese IV	12	1.0	Year	67
	Hmong Language	9, 10, 11, 12			

Computer Science

Computer Science courses are offered under various departments. To view these course descriptions please see their corresponding department.

ID	Course	Open To	Credit	Length	Page
270	Intro to Programming I (Math)	10, 11, 12	.5	Semester	41
271	Intro to Programming II (Math)	10, 11, 12	.5	Semester	41
273	Computer Programming Seminar (Math)	11, 12	.5	Semester	41
274	AP Computer Science Principles (Math)	10, 11, 12	1.0	Semester	41
500	Keyboarding For Everyone (Business)	9, 10, 11, 12	.5	Semester	28
517	Computer and Internet Applications (Business)	9, 10, 11, 12	.5	Semester	29
545	CISCO Networking Certification Pathway I (Technology)	10, 11	.5	Semester	59
546	CISCO Networking Certification Pathway II (Technology)	10, 11	.5	Semester	59
547	CISCO Networking Certification Pathway III (Technology)	11, 12	.5	Semester	59
548	CISCO Networking Certification Pathway IV (Technology)	11, 12	.5	Semester	59
550	Web Design (Business)	10, 11, 12	.5	Semester	30
551	Computer Construction (Technology)	9, 10, 11, 12	.5	Semester	61
602	Video Production and Movie Making (Technology)	10, 11, 12	.5	Semester	61
609	Introduction to Engineering Design (Technology)	9, 10, 11, 12	.5	Semester	60

ACE Academy

ID	Course	Open To	Credit	Length	Page
3636	Construction Systems	11	1.0	Year	73
3651	Construction Careers	11	.5	Year	73
3633	Off-Site Construction	12	2.0	Year	73
3634	Building Information Management (BIM)	12	.5	Semester	73
3635	Construction Capstone	12	.5	Semester	73

Health Science Academy

ID	Course	Open To	Credit	Length	Page
2000	Anatomy and Physiology	11, 12	1.0	Year	75
2001	Health Occupations I	11, 12	.5	Semester	75
2003	Medical Terminology	12	.5	Semester	75
2008S	Global Partners Experience (elective)	12	.5	Semester	75
2012	Advanced Anatomy and Physiology	12	.5	Semester	75
2015	Health Occupations Advanced	12	1.0	Year	75
2359	Global Issues in Health Care	12	.5	Semester	75
2420	Exercise Physiology	11	.5	Semester	75
2374	AP Psychology	11-12	1.0	Semester	75

La Crosse Engineering Academy

ID	Course	Open To	Credit	Length	Page
	AP Physics	11	1.0	Year	74
5620	Engineering Processes	11	.5	Semester	74
	Robotics and Programmable Logic Controllers	11	.5	Semester	74
5617	Digital Electronics	11	.5	Semester	74
	College Prep English	12	1.0	Year	74
	CISCO Computer Networking	12	1.0	Year	74
5621	Engineering Design Capstone	12	1.0	Year	74

Student Classroom Assistant and/or Peer Tutorting may be available in some content areas. Please see school counselor if interested.

ART

The Art Program is designed to provide students the opportunity to reach their potential through art activities and experiences which impart knowledge, develop skills, and stimulate life-long visual and sensory awareness and appreciation.

Art Course Offerings

9th Grade	10th Grade	11th and 12th Grade
Art I	Art I	Art I
	Drawing II or III	Drawing II or III
	Painting II or III	Painting II or III
	Sculpture II or III	Sculpture II or III
	Digital Art	Digital Art
		AP Art Studio
		Art Seminar

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.

451	Art Drawing II	
452	Art Drawing III	
.5 Credit	Semester	10, 11, 12

Recommendation: Art I and Drawing II or consent of instructor. Drawing II/III provides intermediate or advanced experiences in pencil, charcoal, ink, conte crayon, pastels, commercial design, and art appreciation. Students successfully completing one semester of Drawing II/III may elect to take a second semester, which will focus on creativity and self-expression using skills and materials covered in the first semester's work.

453	Painting II	
454	Painting III	
1 Credit	Semester	10, 11, 12

Recommendation: Art I and Painting II or consent of instructor. Painting II/III provides intermediate or advanced experiences in watercolor, acrylic, oil, tempera, commercial design, and art appreciation. Students successfully completing one semester of Painting II/III may elect to take a second semester, which will focus on creativity and self-expression using skills and materials covered in the first semester's work.

455	Sculpture II	
456	Sculpture III	
.5 Credit	Semester	10, 11, 12

Recommendation: Art I, Sculpture II or consent of instructor. Sculpture II/III provides intermediate or advanced experiences in subtractive and additive sculpture using clay, wood, plastics, metals, and other media; in addition, elements of commercial design and art appreciation will be emphasized. Students successfully completing one semester of Sculpture II/III may elect to take a second semester, which will focus on creativity and self-expression using skills and materials covered in the first semester's work.

457	Art Seminar	
.5 Credit	Semester	11, 12

Recommendation: Art I, Drawing II/III (2 sem), Painting II/III (2 sem), Sculpture II/III (2 sem), Digital Art, photography or consent of instructor.
Art Seminar is designed as an independent study for students with serious interest and advanced skills in art. Course goals and objectives will be designed by the student and instructor. Students may earn .5 credits in each discipline of: Drawing, Painting, Sculpture, Photography and Digital Art.

459	Digital Art	
.5 Credit	Semester	10, 11, 12

Recommendation: Art I

Digital Art is for students who want to learn how to create art with technology. Students will use computers, video, and a variety of other technologies to complete projects in illustration, layout, and animation. Digital Art will provide an opportunity to learn about the new tools being used by practicing artists and art careers which utilize this technology.

460	AP Art Studio	
.5 Credit	Semester	11, 12

Recommendation: Art I, Art II and Art III in their respective field of study.

Advanced Placement Art is designed for students with serious interest and advanced skills in art. Course goals and objectives will be designed by the student and the instructor, concentrating on self-expression in two or three dimensional design or in drawing. Advanced Placement Art is taught as a college level art course. It is designed for the most dedicated students who wish to earn college credit.

Business and Marketing

Business and Marketing's primary mission is to prepare students for business occupations and to teach students about business. Education about business focuses on those aspects of business that affect every member of society. Preparation for business occupations focuses on the preparation of individuals to own or operate their own business or be a worker in a business career.

Business and Marketing Course Offerings

9th Grade	10th Grade	11th Grade	12th Grade
Keyboarding for Everyone	Keyboarding for Everyone	Keyboarding for Everyone	Keyboarding for Everyone
Computer & Internet Applications	Accounting I	Accounting I	Accounting I
Intro to Business	Accounting II	Accounting II	Accounting II
Intro to Marketing	Personal Finance	Accounting III	Accounting III
Yearbook	Business Law	Personal Finance	Personal Finance
	Computer & Internet	Advanced Marketing**	Advanced Marketing**
	Applications	Business Law	Business Law
	Intro to Business	Computer & Internet Applications	Computer & Internet Applications
	Management & Entrepreneurship	Management & Entrepreneurship	Management & Entrepreneurship
	Sports and Entertainment Marketing	Banking & Finance Youth Apprenticeship	Banking & Finance Youth Apprenticeship
	Web Design	Sports and Entertainment Marketing	Sports and Entertainment Marketing
	Yearbook	Web Design	Web Design
	Intro to Marketing	Yearbook	Yearbook
	Hospitality & Tourism	Hospitality & Tourism	Hospitality & Tourism
	Servant Leadership	International Business	International Business
		Intro to Marketing	Intro to Marketing
		Servant Leadership	Servant Leadership

500	Keyboarding For Everyone

.5 Credit	Semester	9, 10, 11, 12

Keyboarding is an essential skill for everyone! Whether you are going on to postsecondary 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 postsecondary education and employability skills.

517	Computer and 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 On-line & Research Tools, Microsoft Word, Microsoft Excel, and Microsoft Power Point.
Transcripted credit available at Western Technical College

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.

512	Intro to Marketing

.5 Credit	Semester	9, 10, 11, 12

Intro to Marketing is a semester course that introduces students to the exciting world of marketing management and merchandising. Students will see things from a “marketing perspective” in the areas of human relations and diversity, selling, careers, advertising and promotion, job interview, resumė and more through classroom instruction, activities, and current events. Students will have the opportunity to join a nationally-known student organization, DECA, and apply methods through travel and competition in leadership conferences, district, state, and national competition and possible field trips.

235	Yearbook Production	
1 Credit	Year	9, 10, 11, 12

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

507	Accounting I	
.5 Credit	Semester	10, 11, 12

Accounting I is recommended for students with an interest in going into business today as an owner or employee. It is designed to give students knowledge of the basic concepts of double-entry accounting systems. Students will gain an understanding of the accounting cycle for a sole proprietorship and a merchandising business. Topics covered include the journalizing of transactions, posting to ledger accounts, payroll, and end-of-period financial statements and reports. Students interested in any area of business will very likely to be required to take accounting during their post-secondary education.

508	Accounting II	
.5 Credit	Semester	10, 11, 12

Recommendation: Accounting I
Accounting II will build upon the basic accounting skills that were developed in the first-semester course. Students will be using special journals when working with sales and accounts receivable, and purchases and accounts payable. Activities include preparation of payroll records and taxes, notes payable and receivable, calculating depreciation on plant assets, and maintaining inventory records. Students will have the opportunity to complete a realistic accounting simulation that will reinforce accounting procedures and techniques utilized in solving business problems and making financial decisions. Accounting is the language of business, and this course will prove beneficial to students entering any post secondary business program or the world of work.

509	Accounting III	
.5 Credit	Semester	11, 12

Recommendation: Accounting II
Students will expand their knowledge of Accounting Systems learned in Accounting I and II by utilizing automated computer software. Students use accounting software to help manage, store, calculate, post, retrieve, analyze, and print accounting information as well as to prepare financial reports. Students will become familiar with the use of business papers, forms, and reports involved and interpret information common to partnerships and corporations. We will use the same software as WTC & UWL and many businesses in Western Wisconsin.

510	Personal Finance	
.5 Credit	Semester	10, 11, 12

Today more than ever, teenagers and young adults are struggling in the area of personal finance. This one-semester course is an excellent course to help prepare students for life after high school while giving them the knowledge and tools to take control of their financial futures. This hands-on course will include topics such as budgets, credit, financing a loan, renting an apartment, buying a home/car, consumerism, gross and net income, payroll taxes, financial institutions, savings and investments, retirement and insurance. Students will also be participating in the Reality Store and an interactive on-line financial game where students make real-life financial decisions. This is an excellent course for both personal use as well as students interested in any career in business.

513	Advanced Marketing	
1 Credit	Year	11, 12

Recommendation: Intro to Marketing or Hospitality & Tourism, Sports & Entertainment, and instructor's approval
Advanced Marketing is a one-year course that builds upon competencies learned in Intro to Marketing. Students will experience exciting instruction in the areas of advertising, entrepreneurship, display, selling, tourism, sports marketing, store losses, and money and banking. In addition, students will enjoy the experience of "job shadowing" for a day in a business of their career choice. Additional class instruction will involve DECA activities and projects. Students are given the opportunity to earn experience and credit through a local co-operating business. Transcripted credit available at Western Technical College.

515	Hospitality and Tourism	
.5 Credit	Semester	10, 11, 12

Recommendation: Intro to Marketing
This course provides students with an overview of one of the most exciting and in demand career areas in Marketing and Business. In addition to being one of the 16 Career Clusters, this Hospitality & Tourism course will help students gain practical knowledge and skills that will be useful in their future, regardless of career choice. Topics of study include the hospitality and tourism industry, hotel and lodging industry, restaurants, management, international hospitality and tourism, legal issues, market research, E Commerce, 4 P's of Marketing, attractions, recreational events, non-profit opportunities, and career exploration. Upon completion of this course, students are eligible for Marketing FEST as a junior or senior or Business & Marketing Co-Op.

516	Business Law	
.5 Credit	Semester	10, 11, 12

Business Law is a semester in the study of principles of law as they relate to the individual citizen and consumer. Emphasis is given to preventive law, the avoidance of legal difficulties through an understanding of the rights and responsibilities of the individual, an understanding of our justice system, business contracts and related topics. The student may participate in a class mock trial and other simulations. A field trip to the courthouse will provide an opportunity to view a live trial and meet people from the law profession.

522	Management and Entrepreneurship	
.5 Credit	Semester	10, 11, 12

Learn what it takes to become a successful entrepreneur or manager in the business world today! This one-semester course is designed to help students understand basic concepts of management including the characteristics, organization, and operations of a business. Students will also learn the advantages and challenges to starting up your own business. All aspects of management including human resource management, financial management, and marketing management are learned. In the last quarter of this class, students will participate in an exiting one-month management simulation that allows students to run their own business while working with other "managers" within their classroom. This is an essential class for students interested in any business-related career or for students who would like to explore a possible career choice in business.

538	International Business	
.5 Credit	Semester	11, 12

This one-semester course is designed with an emphasis on the ever expanding global marketplace. Without question, global business practices and international trade strongly impact the world economy. Students will leave this course with skills to compete with peers studying International Business in other leading world markets. This course will also provide a global perspective on the many career opportunities available for our 21st Century Learners. International Business will introduce student to the interrelationships between countries' social norms, political/legal systems, and business practices. Areas to be studied include: the foundations of international business, global business environment, international banking/ finance/investment, international business communications and culture, as well as ethical and social responsibilities in the global economy.

549	Sports and Entertainment Marketing	
.5 Credit	Semester	10, 11, 12

Recommendation: Intro to Marketing
In this course you will learn how marketing and management functions are applied to the sports and entertainment industry. Entertainment (including sports) is one of the largest exports from the United States to the rest of the world. Learn how you can be involved.

550	Web Design	
.5 Credit	Semester	10, 11, 12

Recommendation: Computer & Internet Applications or Emerging Web Technologies.
This course teaches you how to use Macro-media's Dreamweaver MX to create web pages and manage complete sites. A major benefit of Dreamweaver is that it permits you to work with the HTML code switching between direct coding and WYSIWYG modes. Macromedia Fireworks will be used to create vector graphics, edit bitmap graphics, optimize images and create rollover effects for your websites. We will also use the core features of Flash MX to add animation, movie clips, and sounds.

576	Servant Leadership	
.5 Credit	Semester	10, 11, 12

Servant Leadership focuses on leadership attributes that can be identified, modeled, and taught. The class is primarily experientially based and emphasizes the importance of communication, character, personal growth, and building strong relationships and teams. A variety of initiatives will be used to facilitate the learning of skills and, along with various media, reinforce those skills throughout the semester.

Computer Science

Computers will be used in the School District of La Crosse as an instructional tool that will increase student motivation, provide the flexibility to individualize curriculum content to the student's ability to learn, and prepare students for a world in which computers are commonplace.

Computer Proficiency

All students are required to meet minimum computer proficiencies as identified by the School District of La Crosse. This may be accomplished through the following courses:

- CISCO Networking
- Computer Construction
- Computer & Internet Application
- Emerging Web Technologies
- Intro to Engineering Design
- Exploring Computer Science I
- Video Production & Movie Making
- Web Design

Computer Science Course Offerings

9th Grade	10th Grade	11th and 12th Grade
Computer & Internet Applications* (Business)	Exploring Computer Science I (Math)	Exploring Computer Science I (Math)
Computer Construction (IT Essentials) (Technology)	Exploring Computer Science II (Math)	Exploring Computer Science II (Math)
Keyboarding for Everyone (Business)	CISCO Networking Academy † (Technology)	Computer & Internet Applications* (Business)
Introduction to Engineering Design (Technology)	Computer & Internet Applications (Business) *	Computer Construction (IT Essentials) (Technology)
	Computer Construction (IT Essentials) (Technology)	Computer Seminar: Applications (Business)
	Web Design (Business)	Computer Programming Seminar (Math)
	Digital Productions, Inc. (Business)	CISCO Networking Certification Pathway† (Technology) **
	Keyboarding for Everyone (Business)	Web Design (Business)
	Introduction to Engineering Design (Technology)	Keyboarding for Everyone (Business)
	AP Computer Science Principles (Math)	Video Production & Movie Making (Technology)
		AP Computer Science Principles (Math)

*Transcripted credit with Western Technical College
**Taught at Logan—or offered on-line
† Articulated credit with Western Technical College
See department for course descriptions

Family and Consumer Education

Family & Consumer students should develop knowledge, attitudes, and skills needed to be contributing members of families and to deal critically with family-related concerns now and as members of society.

Family and Consumer Education Course Offerings

9th Grade	10th Grade	11th Grade	12th Grade
Child Development	Child Development	Child Development	Child Development
Fashion and Fabrics	Fashion and Fabrics	Fashion and Fabrics	Fashion and Fabrics
Interior Design	Interior Design	Interior Design	Interior Design
Foods for Life	Advanced Foods	Advanced Foods	Advanced Foods
Exploring Health Careers	Foods for Life	Foods for Life	Foods for Life
	World Cuisine	World Cuisine	World Cuisine
	Independent Living	Independent Living	Independent Living
	Exploring Health Careers	Exploring Health Careers	Exploring Health Careers
		Assistant Childcare Teacher	Assistant Childcare Teacher

553	Child Development

.5 Credit	Semester	9, 10, 11, 12

This course is the study of the development of the child in the areas of physical, emotional, intellectual, and social growth from conception to age three. The primary units of study include child development theories, pregnancy with the use of the Empathy Belly, labor and delivery, teenage pregnancy, caring for infants with the use of the RealCare Baby simulator, guiding and caring for children, health and safety, families today and child-related careers.

552	Fashion and Fabrics

.5 Credit	Semester	9, 10, 11, 12

Students will develop and refine sewing skills, learn technical sewing terminology and practice construction techniques while creating easy-to-sew garments. Students will learn how to make fashion their own through the use of patterns, sewing, and creating projects reflecting current fashion fads and trends. This course covers the history and traditions of the global fashion industry - from haute couture design to budget priced mass market apparel. Students will develop an understanding of textile basics, fashion terminology, and apply the elements and principles of design to clothing. Have fun taking what's in your closet and making it new again. Formerly known as Fashion Design

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.

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.

	Foundations of Teacher Education I

.5 Credit	Semester	

This course is designed for students interested in working in the field of education. Students in this course can expect to learn more about the profession, develop skills and strategies to use in their future classrooms, and create lessons that promote relationship building as well as content.

	Foundations of Teacher Education II

.5 Credit	Semester	

559	Advanced Foods	
.5 Credit	Semester	10, 11, 12

Recommendation: Foods for Life
This course is the study of culinary skills, sanitation procedures, food nutrition, recipe design, culinary careers, and the preparation of various foods such as fresh pastas and sauces, candies and chocolates, comfort foods, international dishes, and cakes. The students will demonstrate learning through daily activities, cooking labs, projects, presentations, quizzes, and exams.

560	World Cuisine	
.5 Credit	Semester	9, 10, 11, 12

Recommendation: Foods for Life or Advanced Foods.
Creative Culinary Arts enables students to develop advanced skills in food preparation. Units include regional & foreign foods, cake decorating, specialty desserts, entertaining, appetizers, sauces, spices, garnishing & more. This course is recommended for students who want to develop and practice advanced culinary skills and food preparation techniques or who are interested in pursuing a culinary career. The students will demonstrate learning through daily activities, cooking labs, projects, presentations, quizzes, and exams. Formerly known as Creative Foods.

562	Independent Living	
.5 Credit	Semester	10, 11, 12

This course is the study of the skills necessary for successfully navigating life after high school. The primary units of study include character building, goal setting, decision-making, college and career exploration, personal financial management, consumerism, personal nutrition and health, buying a car, renting an apartment, and building strong relationships.

566	Housing and Interior Design	
.5 Credit	Semester	9, 10, 11, 12

This course is the study of how to read and draw floor plans, create room arrangements, coordinate color and design of furniture, window, wall and floor treatments, and plan individualized living spaces while utilizing the principles of design. The final project brings all the learning together when students design their own dream home, calculate the cost of furnishings, and create a long-term plan for decorating.

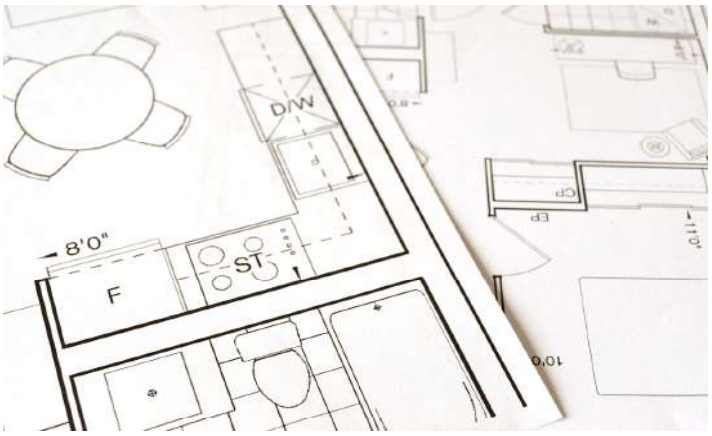
	Housing and Interior Design II	
.5 Credit	Semester	9, 10, 11, 12

570	Assistant Childcare Teacher	
.5 Credit	Semester	10, 11, 12

This course offers the unique experience of learning about children ages 3 to 8 by working with them. Students will operate a play-school program for 3, 4 and 5 year olds. The students have the responsibility of planning and teaching the children in the play-school. Prior to teaching preschool, students explore the areas of physical, intellectual, social, and emotional development. In addition, students learn how to write and practice teaching lessons. Students will also have the opportunity to work at an elementary school with teachers and children. High school helpers will assist children and may help teachers with special projects. Learning logs, observations, and projects give students the opportunity to see the growth and progress in children and themselves.

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.



Health

The mission of the Health Education Curriculum is to provide a program of instruction that has a positive effect on all dimensions of a person's health. Through instruction and continuous guidance, students will be provided the knowledge and motivation necessary to help them achieve emotional, physical, intellectual, and social health habits needed to live productive and enjoyable lives in a changing world

Health Course Offerings

9th Grade	10th Grade	11th and 12th Grade
Self Awareness- Health	Holistic Health Practices Self Awareness- Health	Holistic Health Practices Self Awareness- Health

If the student wishes a second health course, Holistic Health Practices is the recommendation.

430	Holistic Health Practices	
.5 Credit	Semester	10, 11, 12

Holistic Health is a one-semester course designed to empower students to reach a higher level of health and well-being. The class is designed to challenge students to find harmony and balance in their life.

A. Health and Happiness
B. Habits of Highly Effective Teens
C. Emotional Health and Self Actualization
D. Natural Healing Techniques (relaxation, humor, massage, etc.)
E. Drugs and Social Issues.
F. Promoting Health and Wellness (TATU, SADD)
G. Selective Health Issues (20 choices)

Each student will examine various techniques that will enhance the quality of life. The class will be able to choose from among 20 interesting health topics to discover information in their specific health concerns. The students will help design health promotion programs. The course is meant to be stimulating, thought provoking, and fun.

432	Self Awareness: Health	
.5 Credit	Semester & Summer School	9, 10, 11, 12

In Self-Awareness, students will learn about the psychological aspects of human behavior and
the current health concerns of high school students. The eight major components of this class
are:

A. Health and Wellness
B. Brain and Learning
C. Longevity Factors
D. Emotional Health
E. Stress Management
F. Healthy Eating
G. ATOD/Drug Prevention
H. Healthy Relationships/Sexual Health

Students will assess their current level of health in the 7 dimensions of wellness, develop healthy ways to improve each dimension, 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.

English Language Arts

The mission of the Language Arts curriculum is to provide a program of instruction in the areas of reading, speaking, writing, listening, and thinking while recognizing the relationship between the communication skills and other learning disciplines

English Language Arts Course Offerings

9th Grade	10th Grade	11th Grade	12th Grade
Core English English 9 World Humanities- English (Honors) Elective English Theatre I Theatre II	Core English English 10 Pre-AP English (Honors) Read 180 (Logan) Elective English Theatre I Theatre II	Core English English 11 AP English 11 Novels/English 11 Elective English Theatre I Theatre II Novels Creative Writing Survey of English Literature	Core English Senior English College Prep English AP English 12 Elective English Theatre I Theatre II Novels Creative Writing Survey of English Literature Advanced Speech

201	English 9	
1 Credit	Year	9

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

202	World Humanities- English (Honors)	
1 Credit	Year	9

Recommendation: Teacher Recommendation
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.

205	English 10	
1 Credit	Year	10

Recommendation: English 9 with Teacher Recommendation
English 10 provides students with the opportunity to advance skills in research, organization, audience adaptation, evaluation, discussion, listening, and composition. Students will analyze literature and informational text.
*This course is aligned with Wisconsin State Standards

208	Pre-AP English (Honors Course)	
1 Credit	Year	10

Recommendation: "A" in 9th grade English and recommendation of 9th grade English teacher or "A" or "B" in World Humanities with teacher recommendation.
Pre-AP English is designed for students who have exhibited exceptional ability and skill in language arts. (Both literature and writing are emphasized.) Students will be required to read a novel during the summer to be prepared for this class in the fall. This course is part of the Advanced Placement vertical sequence.

210	English 11	
1 Credit	Year	11

Recommendation: Recommendation of 10th grade English teacher.
English 11 is designed for those students who have exhibited writing, reading, speaking, listening, and research competency and are ready to strengthen those skills. Research and argumentation will be emphasized. Literature from the 17th, 18th, 19th, and early 20th century, including foundational U.S. documents, will be studied. This course also includes ACT English Test preparation.
*This course is aligned with Wisconsin State Standards

212	Novels/English 11

1 Credit	Year	11

Novels/English 11 is a year-long course providing students with a variation on the traditional English 11 course. This course fulfills all English 11 requirements. Semester I focuses on the novel and is designed for English students who enjoy reading and wish to study the novel in depth through a focus 20th and 21st century literature. Semester II provides a traditional English 11 curriculum with an emphasis on writing and research competency. Research and argumentation will be emphasized.

213	Advanced Placement English II

1 Credit	Year	11

Recommendation: World Humanities and Pre-AP English with an "A." Other students are required to write an essay prior to admittance into the AP program. This essay must be submitted before registering for an AP course. (See department chairperson)

AP English 11, a full year, college-level English course, meets the course requirements set forth by the College Board. It is designed to develop students' awareness of language and literature and to train students to become mature readers and writers. Students enrolled in AP English 11 are encouraged to take the College Board Language AP Exam in the spring which may qualify them for college credit. Summer reading is required. This course must be taken as a full-year course.

217	Creative Writing

.5 Credit	Semester	11, 12

Recommendation: Teacher Recommendation & Successful Completion of Grade 9 and 10 English Courses.

Creative Writing is a semester course for students who wish to write and study the forms of short story fiction, poetry, and drama. The overall goal of the course is to help students use language to express their own views in writing with imagination and clarity of thought.

220	Survey of English Literature

.5 Credit	Semester	11, 12

Recommendation: Successful completion of Grade 9 and 10 English requirements.

Survey of English Literature offers a chronological survey of major authors in English Literature from the Anglo-Saxon period through the 20th Century. The literature and writers of the periods are studied in relation to the historical events, attitudes of the period, and the development of literary forms. This course is recommended for college bound students.

221	Novels

.5 Credit	Semester	11, 12

Recommendation: Successful Completion of Grade 9 and 10 English Courses.

This semester course helps students develop a better understanding of literature, life, and mankind by comparing 20th Century trends to those of past centuries.

223	College Prep English

1 Credit	Year	12

This course focuses on skills that will make the transition from high school to college smoother. College Prep English is a course designed for students who desire to learn how to write the type of papers required in college, and to improve writing techniques. Discussion, listening, and the critical analysis of literature and informational text are major components of this course.

226	Advanced Speech

.5 Credit	Semester	12

Advanced Speech is a class designed to help the student explore in depth the advanced forms of communication. A major goal is to prepare students to fulfill their role in a democratic society, teaching them to use critical and analytical thought processes.

228	Senior English

1 Credit	Year	12

Recommendation: Successful Completion of 9, 10, and 11 Grade English Course Requirements and Teacher Recommendation.

This course focuses on skills that will make the transition from high school to the work force or a two-year program smoother. Writing, speaking, listening, researching, and reading will be emphasized.

230	Theatre I

.5 Credit	Semester	9, 10, 11, 12

Recommendation: Consent of instructor for Grades 9 and 10

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

Recommendation: Consent of instructor for Grades 9 and 10

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.

233	Advanced Placement English 12

1 Credit	Year	12

Recommendation: "A" or "B" in AP English 11 and teacher recommendation. Other students are required to write an essay prior to admittance into the AP program.

AP English 12, a full-year, college-level English course, meets the course requirements set forth by the College Board. It is designed to develop students' aptitude for interpreting literature and for writing about and discussing perception of meaning, structure, and language. Summer reading is required. This course must be taken as a full year course.

Library Media Center

The Library Media Center provides a unique opportunity for students interested in exploring the role of the LMC in serving students and building staff.

Library Media Course Offerings

986	Student Classroom Assistant

.5 Credit	Semester	12

Recommendation: By application only

This program is intended to provide a hands-on learning experience in an educational setting. Students will discover the skills, habits, and attitudes necessary to be successful in the work world by observing, communicating, and working with a teacher and students in a discipline of their choice. Students will be assigned to assist a teacher one class period daily at an instructional level deemed appropriate by the department.

Mathematics

The mathematics curriculum provides a broad, balanced instructional program to serve the personal, vocational and academic needs of each student. It recognizes individual growth rates and unique learning styles of children, incorporating basic math principles with futuristic needs.

Mathematics Course Offerings

9th Grade	10th Grade	11th Grade	12th Grade
Core Math Pre-Algebra (Logan) Algebra I Algebra I Extended Geometry Honors Geometry	Core Math Pre-Algebra (Logan) Algebra I Geometry Honors Geometry Algebra II Honors Algebra II Algebra I Extended Geometry Extended Algebra II Extended Exploring Computer Science I (Central) Exploring Computer Science II (Central) Digital Electronics (PLTW) (Logan) AP Computer Science Principles	Core Math Algebra I Algebra I Extended Algebra II Honors Algebra II Algebra II Extended Geometry Honors Geometry Geometry Extended Algebra III Pre-Calculus Intro to Statistics AP Statistics Advanced Math Topics (Logan) Exploring Computer Science I (Central) Exploring Computer Science II (Central) Computer Programming Sem. (Central) Digital Electronics (PLTW) (Logan) AP Computer Science Principles	Core Math Algebra I Algebra I Extended Geometry Geometry Extended Honors Geometry Algebra II Algebra II Extended Honors Algebra II Pre-Calculus Algebra III AP Calculus AP Statistics Advanced Math Topics (Logan) Introduction to Statistics (Logan) Exploring Computer Science I (Central) Exploring Computer Science II (Central) Computer Programming Sem. Digital Electronics (PLTW) (Logan) AP Computer Science Principles

246	Advanced Math Topics	
.5 Credit	Semester	11, 12

This course will have a brief review of Algebra I and Geometry concepts. It will then cover topics that include: advanced factoring methods, functions, interpreting graphs, rational expressions, complex numbers and solving quadratic equations and inequalities, logarithmic and exponential functions and conic sections. This course is good preparation for Algebra II.

247	Introduction to Statistics	
.5 Credit	Semester	11, 12

Statistics is a mathematical requirement for many college majors. Taking this class in high school would b e excellent preparation for students planning on furthering their education after high school. Topics covered in this class include organizing data and looking for patterns, displaying data with graphs and curves, using measures of central tendency, analyzing with correlation and regression, designing samples and experiments, probability, and inference tests using standard normal calculations.

248	AP Statistics	
1 Credit	Year	11, 12

Recommendation: A year of Algebra II or III with a grade of B or better or consent of department chair

Statistics is a mathematical requirement for many college majors. Taking this class in high school would be excellent preparation for students planning on furthering their education after high school. Topics covered in this class include exploratory data analysis, linear regression and correlation, probability, probability distributions and methods of sampling and experimental design. Students will also learn the methods of statistical inference such as hypothesis testing.

249	Pre-Algebra (Logan)

1 Credit	Year	9, 10

Pre-Algebra students will develop basic algebraic skills to help be successful in Algebra I the following year. The concepts taught in this class will be continually revisited so students have multiple opportunities to encounter and reinforce the ideas taught in class. Visual and manipulative teaching strategies will be used to help students build a foundational understanding of important abstract algebraic concepts.

254	Algebra I

1 Credit	Year	9, 10, 11, 12

Algebra I 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 deals with variables.

254	Algebra I Extended

254EXE	1 Credit (Math)	Year	9, 10, 11, 12
254EXM	1 Credit (Elective)	Year	9, 10, 11, 12

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 students 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.

257	Geometry Extended

257EXE	1 Credit (Math)	Year	10, 11, 12
257EXM	1 Credit (Elective)	Year	10, 11, 12

Geometry Extended 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 this course. This course covers the same curriculum as Algebra I but the student has two class periods to learn and comprehend the curriculum. The students 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.

258	Honors Geometry

1 Credit	Year	9, 10, 11, 12

Recommendation: Algebra I with grade of B or better or consent of department chair 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.

260	Algebra II

1 Credit	Year	10, 11, 12

Algebra II includes a review, continuation and extension of the concepts and problem solving experienced in Algebra I. Even though topics such as complex numbers, logarithmetic and exponential functions, sequences and series can be somewhat abstract, emphasis will be placed on the applications of Algebra II concepts.

260	Algebra II Extended

260EXE	1 Credit (Math)	Year	10, 11, 12
260EXM	1 Credit (Elective)	Year	10, 11, 12

This course includes a review, continuation and extension of the concepts and problem solving in Algebra I. Even though topics such as complex numbers, logarithmic and exponential functions, sequences and series can be somewhat abstract, emphasis will be placed on the applications of Algebra II. This course covers the same curriculum as Algebra II but the student has two class periods to learn and comprehend the curriculum. The students 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.

261	Honors Algebra II

1 Credit	Year	10, 11, 12

Recommendation: Algebra I or Geometry with a grade of B or consent of department chair.
The topics are the same as those in Algebra II, but the emphasis is placed on logic and a more in-depth approach to the concepts and applications of Algebra II.

262	Pre-Calculus

1 Credit	Year	11, 12

Recommendation: Algebra II or Honors Algebra II with a grade of B or better or consent of department chair.
This is a prerequisite for AP Calculus and is at an advanced level compared to Algebra III. For those college bound students who may be leaning toward future study in math-oriented areas such as engineering, business, the sciences, and/or mathematics, pre-calculus and AP Calculus should be chosen. Students will be exposed to more advanced algebra, circular and trigonometric functions, logarithmic and exponential functions, limits and sequences and series.

263	Algebra III

1 Credit	Year	11, 12

Algebra III is an extension of Algebra II. Students interested in attending post high school study should seriously consider four years of math. Students will review Algebra II and will be exposed to more advanced algebra, trigonometric functions, coordinate geometry, logarithmetic and exponential functions, sequences, series, statistics and probability.

266	AP Calculus

1 Credit	Year	11, 12

Recommendation: Pre-calculus with a grade of B or better or consent of department chair.
AP Calculus is taught as a college level math course. Topics covered include differential and integral calculus.

270	Intro to Programming I (Central)

.5 Credit	Semester	10, 11, 12

Recommendation: Geometry or consent of instructor.
Exploring Computer Science is designed to introduce you to the breadth of the field of computer science through an exploration of engaging and accessible topics. The course is designed to focus on the conceptual ideas of computing and helps students understand why certain tools or programming languages might be utilized to solve particular problems. You will learn computational practices of algorithm development, problem solving and programming within the context of problems that are relevant to the lives of today's students. You will be introduced to interface design as well as learn about current programming languages to design apps, solve problems, and code.

271	Intro to Programming II (Central)

.5 Credit	Semester	10, 11, 12

Recommendation: ECS I or consent of instructor
ECS II is a semester course which expands concepts learned in ECS I.

273	Computer Programming Seminar (Central)

.5 Credit	Semester	11, 12

Recommendation: Exploring Computer Science II and consent of instructor.
This course is designed to provide additional programming experiences for the student wishing to broaden his/her programming skills. The student will be engaged in independent research and teacher/student programming projects. With the teacher's supervision, the student will develop programs of his/her own interest. Projects might consist of developing software that could be used by other students and teachers in other courses.

274	AP Computer Science Principles

1 Credit	Year	10, 11, 12

This course introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. AP Computer Science Principles is a course designed to prepare students who are new to computer science for the AP CS Principles exam. The course covers many topics including the Internet, Big Data and Privacy, and Programming and Algorithms. The course introduces students to a survey of computing topics and provides a comprehension of fundamental programming, the wide variety of applications of programming and programming's trans-formative potential for our global society.

Music

The music program will provide for all students a variety of musical experiences to develop music literacy, promote aesthetic growth and establish a basis for a lifelong appreciation of music.

Music Course Offerings

9th Grade	10th-11th Grade	12th Grade
Performance Classes	Performance Classes	Performance Classes
9th Grade Treble Choir	Band	Band
9th Grade Honors Treble Choir	Honors Band	Honors Band
Honors Band	Select Choir (Logan)	Select Choir (Logan)
Select Choir (Logan)	Robed Choir (Central)	Robed Choir (Central)
Robed Choir (Central)	Honors Select Choir (Logan)	Honors Select Choir (Logan)
Honors Select/Robed Choir	Honors Robed Choir (Central)	Honors Robed Choir (Central)
Bass Choir	Bass Chorus	Bass Chorus
Honors Bass Choir	Honors Bass Chorus	Honors Bass Chorus
Orchestra I	Upper Treble Choir	10-12 Grade Treble Choir
Honors Orchestra I	Honors Upper Treble Choir	10-12 Grade Honors Treble Choir
Orchestra II	Orchestra I	Orchestra I
Honors Orchestra II	Honors Orchestra I	Honors Orchestra I
	Orchestra II	Orchestra II
	Honors Orchestra II	Honors Orchestra II
Non-Performance Classes	Non-Performance Classes	Non-Performance Classes
Music Theory	Music Theory	Music Theory
Music Appreciation/ Soundscapes	Music Appreciation/Soundscapes	Music Appreciation/Soundscapes

100	9th Grade Treble Choir	
.5 Credit	Year	9

9th Grade Treble Choir 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 Treble 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. 9th Treble Choir gives 2-4 public performances each year. In addition, each choir participates in a clinic, festival, or contest activity. All choir 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-curricular groups outside the school day.

102	Honors Band	
1 Credit	Year	9, 10, 11, 12

Recommendations: 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-curricular groups outside the school day. Students would be required to complete three of the following: solo performance; private lessons; ensemble performances outside of school; written projects; and/or mentoring projects.

103	9th Grade Honors Treble Choir	
.5 Credit	Semester	10, 11, 12

9th Grade Treble Choir 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 Treble 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. 9th Treble Choir gives 2-4 public performances each year. In addition, each choir participates in a clinic, festival, or contest activity. All choir students have the opportunity to participate in solo/ensemble festival. Students would be required to complete three of the following: solo performance; private lessons; ensemble performances outside of school; written projects; and/or mentoring projects.

104	Music Theory	
.5 Credit	Semester	9, 10, 11, 12

Students develop skills in listening, aural analysis, music reading and writing and a minimal proficiency at the piano. Music students will become proficient in the use of western music notation. The students begin to assemble the skills of arranging, in order to analyze and create works of music. Advanced students in Music Theory will begin to develop skills for 4-part chorale writing. Music Theory is recommended for any students wishing to pursue music in college.

107	Music Appreciation Soundscapes	
.5 Credit	Semester	9, 10, 11, 12

In Soundscapes, students use computers and synthesizers to write their own music and in the process learn about the fundamentals of music and arranging. Soundscapes has received national recognition for innovative use of technology in the classroom. The computer programs used in the course allow a wide variety of musical styles to be used. Students with music performance background (in or out of school), computer skills, or just a genuine interest in music can be successful and will enjoy this course. Prior experience in music is not necessary but helpful.

108	Select Choir (Logan)/ Robed Choir (Central)	
1 Credit	Year	9, 10, 11, 12

Recommendation: By audition only

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.

Select/Robed Choir is by audition only. Auditions are usually held in March/April. Audition packets are given to interested students before auditions are held. Students enrolled at the High Schools receive audition information in their current choir class. Middle school students should ask their vocal teacher for audition information.

Select/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.

110	Honors Select Choir (Logan)/ Honors Robed Choir (Central)

1 Credit	Year	9, 10, 11, 12

Recommendation: Consent of Instructor
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. Students would be required to complete three of the following: solo performance; private lessons; ensemble performances outside of school; written projects; and/or mentoring projects.

112	Bass Choir

.5 Credit	Year	9, 10, 11, 12

Bass 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. Bass 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.
Bass Choir gives 2-4 public performances each year. In addition, each choir participates in a clinic, festival, or contest activity.
All choir students have the opportunity to participate in solo/ensemble festival.

114	10th-12th Grade Upper Treble Choir

1 Credit	Year	10, 11, 12

10th-12th Treble Choir 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 from 9th grade Treble Choir are briefly reviewed and further developed in this course. 10th-12th grade Treble choir emphasizes the study of 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. All choir students have the opportunity to participate in solo/ensemble festival.

115	Honors Bass Choir

.5 Credit	Year	9, 10, 11, 12

Bass 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. Bass 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.
Bass Chorus gives 2-4 public performances each year. In addition, each choir participates in a clinic, festival, or contest activity.
All choir students have the opportunity to participate in solo/ensemble festival.
Students would be required to complete three of the following: solo performance; private lessons; ensemble performances outside of school; written projects; and/or mentoring projects.

118	Orchestra I

1 Credit	Year	9, 10, 11, 12

All String students should enroll in Orchestra 118 to ensure 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 (Sinfonia at Logan; Orchestra at Central), 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.

All Orchestra students have the opportunity to participate in solo/ensemble festival, and an optional annual field trip is often available.

120	Orchestra II

1 Credit	Year	9, 10, 11, 12

(Chamber at Central, Camerata at Logan)

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 emphasis 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 II 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.

121	Honors Orchestra II

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 emphasis 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 II 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. Students would be required to complete three of the following: solo performance; private lessons; ensemble performances outside of school; written projects; and/or mentoring projects.

Physical Education

Physical Education in the La Crosse School District is an integral part of the total educational program. The mission of the Physical Education curriculum is to provide a program of instruction for the development of the whole individual through physical activities by emphasizing the relationship among the physical, intellectual, emotional and social wellbeing of the individual. The curriculum will provide experiences that will develop positive attitudes toward wellness and contribute to lifetime participation in physical activities.

Physical Education Course Offerings

9th Grade	10th Grade	11th -12th Grade
Fitness & Wellness (Course sequence recommends completion of Fitness & Wellness by the end of 10th grade.)	Weight Training I Select Physical Education Adventure Education Fitness & Wellness Lifeguard Training (Logan) Fit for Life	(Course sequence recommends completion of Fitness & Wellness class first by the end of Grade 10) Selective Physical Education Adventure Education Junior Leaders (11th) Senior Assistant (12th) Senior Competitive Activities Lifetime Activities Lifeguard Training (Logan) Weight Training I Weight Training II Weight Training III Fit for Life

Physical Education Instruction in Wisconsin

School District Standards-ss121.02, Wis. Stats. Standard P

1. In grades 9-12 at least 1.5 credits of physical education incorporating effects of exercise, health-related fitness, and lifetime activities.
2. Credits must be earned over three separate years.

All physical education offerings must be presented to all students in a co-educational format per Title Lx Federal Education Amendments of 1972, ss118.13 Wis. Stats. And PI 9, Wis. Admin.Code.

The base of the high school physical education program is the Fitness & Wellness course.
It is suggested that students take it during their 9th grade year and
recommended that it be completed by the end of their 10th grade year.
The Selective PE course will include mainly 10th and 11th grade students but is also open to other students.
All PE students receiving credit will complete the Fitnessgram assessment in each class.

400	Fitness/Wellness

.5 Credit	Semester	9, 10

Recommendation: 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.

410	Fit For Life

.5 Credit	Semester	10, 11, 12

Fit For Life is a course that encourages group and individual personal training. The students will learn a variety of ways to gain muscle, tone up, and continue to promote healthy living. A wide variety of activities and community resources will be utilized to promote continued lifelong fitness after high school. A tentative week plan will include:2 days of strength training: kettle bells, free weights, stability balls, medicine balls, isometric/body resistance training and the weight room. 2 days will be used to explore a variety of activities and equipment that enhance cardiovascular and flexibility fitness. Possible activities include: hiking, yoga/pilates, biking, walking, interval training and other aerobic activities.

412	Selective PE

.5 Credit	Semester	10, 11, 12

Recommendation: Fitness & Wellness
Selective Program Choices: Golf, Tennis/Pickle Ball, Badminton, Racquetball, Lacrosse, Indoor Games, Basketball, Soccer Volleyball, Flag Football, Ultimate Frisbee, Hiking, Walking, Cross Country Skiing, Snowshoeing, In-line Skating, Bowling, Aerobics, Dance, Archery, Orienteering , Climbing Wall, Yoga, Pilates, and Kickboxing.
Aquatics—Logan only: Possibilities include: Swim Lessons, Water Aerobics, Community Water Safety, and Water Sports.

413	Adventure Education

.5 Credit	Semester	10, 11, 12

The Adventure Education class will give the students an opportunity to study and experience activities that they can pursue for a lifetime. These activities will enhance fitness levels, improve recreational skills, and increase an awareness of nature. These units include: hiking, rock climbing, biking, disc golf, camping, orienteering, backpacking, archery, and outdoor survival skills. Students will also complete projects as required.

415	Junior Leaders

.5 Credit	Semester	11

Recommendation: Fitness & Wellness and Selective PE and consent of Instructor of PE Department.
Junior Leader instruction provides comprehensive instruction in all phases of physical education. The course will include a variety of teaching methods and take an intense look at physical education related careers. After successful completion of this course the student may enroll in the Senior Assistant program.

418	Senior Competitive Activities

.5 Credit	Semester	12

Recommendation: Fitness & Wellness and .5 credit Selective PE
Senior activities is designed for students who have a strong interest for individual and team sport in a competitive environment. Students will be responsible for all aspects of sports including, but not limited to: game play, officiating, scoring, and tournament design. Students will be given an opportunity to demonstrate teamwork and sportsmanship as well as sports related skills in a "high level" of competition.

420	Lifetime Activities

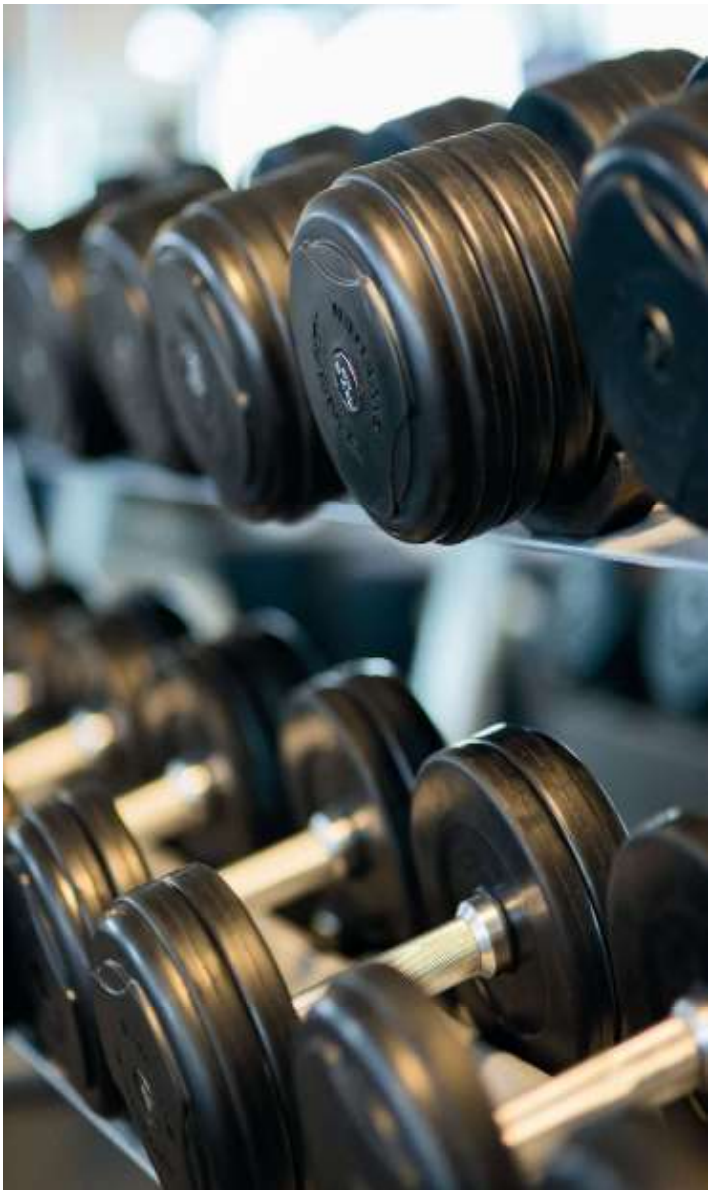
.5 Credit	Semester	11, 12

Lifetime Activities is designed for the student who desires to be active in a noncompetitive environment. Students will be infusing low impact activities and technology to monitor their health and participation. Students will be introduced to a variety of units that are designed to promote lifetime activities. Possible units may include, but are not limited to: hiking, racquet sports, yoga/pilates, in-line skating, and golf.

422	Lifeguard Training (Logan)

.5 Credit	Semester	12

Recommendation: .5 Selective PE Pre-Course Swim Test, $35.00 for purchase of Red Cross texts.
This course will provide the necessary minimum skills training for a person to qualify to serve as a non surf lifeguard - (Includes certification in First Aid, CPR for the Professional Rescuer, Lifeguard Training, and Automatic Internal Defibrillator (AED).



423	Weight Training I

.5 Credit	Semester	10, 11, 12

Recommendation: Fitness & Wellness

Weight Training I will be offered so the student can develop an appreciation of the components of physical fitness, muscle strength, endurance and flexibility. Practice sessions will be done in conjunction with proper training techniques and proper spotting methods.

424	Weight Training II

.5 Credit	Semester	11, 12

Recommendation: Weight Training I and Fitness & Wellness

Weight Training II will enable students an opportunity to improve or maintain their level of flexibility, muscular endurance and strength by incorporating the programs and methods learned in Weight Training I. The students will be responsible for charting their progress and understanding what level of strength and endurance is considered to be appropriate for a healthy lifestyle. Students will be expected to create their own program for their individual needs.

425	Weight Training III

.5 Credit	Semester	11, 12

Recommendation: Weight Training I and II

Weight Training III enhances understanding and abilities in health related fitness components, expanding the concepts they have learned in Weight Training I and II. Participants design their own training program based on their individualized goals and desires. This individualized design in Weight Training III includes nutrition planning and activity scheduling components not addressed in earlier Weight Training courses. Weight Training III students will also have the opportunity to mentor Weight Training I students in their initial Weight Training program.

Science

The mission of the School District of La Crosse science curriculum is to foster in our youth a desire and enthusiasm to learn about the scientific world. The program will provide the students with the basic concepts and skills necessary to function in the present and future. The curriculum will foster student involvement, provide scientific experiences, and promote critical thinking and logical inquiry.

Science Course Offerings

9th Grade	10th Grade	11th Grade	12th Grade
Core Science Biology Honors Biology Transition Science (Logan)	Core Science Biology Honors Biology Science Matters Chemistry* Honors Chemistry* Principles of Engineering (PLTW)	Core Science Physics AP Physics I Chemistry Honors Chemistry Environmental Science Anatomy/Physiology I Anatomy/Physiology II (HSA) Astronomy AP Chemistry* AP Biology* AP Environmental Science* Biotechnology Biology 105 (Logan) Science Matters Biology Principles of Engineering (PLTW)	Core Science Physics AP Physics I Chemistry Honors Chemistry Environmental Science Anatomy/Physiology I Anatomy/Physiology II (HSA) Astronomy Student AP Chemistry* AP Biology* AP Environmental Science* Biotechnology Biology 105 (Logan) Science Matters Biology Principles of Engineering (PLTW) Medical Terminology* (HSA) Medical Technology* (HSA

* Teacher recommendation required.

300	Transition Science (Logan)

1 Credit	Year	9

Recommendation: Recommendation by Counselor and 8th Grade teacher. Recommendation based on Science Aptitude and WSAS 8th Grade Test Score.
Transition Science is designed to provide an understanding of biological and chemical factors of the environment. Students will gain insight into science and be better prepared for success in Biology. Topics will include study skills, Math Skills, Lab Safety, Scientific Method, Measurement, Chemistry, Cells, Human Systems and Ecology, Genetics, Cell Structure; Function and Process, and Biochemistry.

301	Science Matters

1 Credit	Year	10, 11, 12

Science Matters is designed to provide an understanding of the physical and chemical aspects of science. This course is an introduction to Physics and Chemistry Concepts.

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 include an Introduction to Biology, Biochemistry, Cell Structure and Function, Classification, Genetics and Evolution, Human Systems, Ecology, and Taxonomy.

305	Honors Biology

1 Credit	Year	9, 10

Recommendation: Recommendation of 8th grade teacher and school counselor.
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.

306	Environmental Science

.5 Credit	Semester	11, 12

Recommendation: 1 credit of Biology or Honors Biology.
Environmental Science will provide the student with the most basic ecological concepts which will be supported by laboratory and field work. The goals of this course are to provide the student with:
1. An awareness of economic, social, political, and ecological interdependence.
2. Opportunities to acquire the knowledge, values, attitudes, and commitment and skills needed to protect and improve the environment.
The units of study include: Social and Biological Background, Populations, Resource and Energy, Land and Water Use, and Pollution. This course will prepare the student for continued advanced study.

307	Biotechnology

.5 Credit	Semester	11, 12

Recommendation: 1 credit of Biology or Honors Biology.
Biotechnology is a technology based biology course with support of new and exciting laboratory materials to solve problems in criminal science, manage microorganisms, understand ethical issues, and benefit society. This hands-on class combines disciplines like genetics, biochemistry, and cell biology, which are in turn linked to practical applications. The course explores an ever changing, evolving science that leads to career choices in forensics, food science, genetic engineering, agriculture, chemical engineering, environmental science, etc.

308	Chemistry

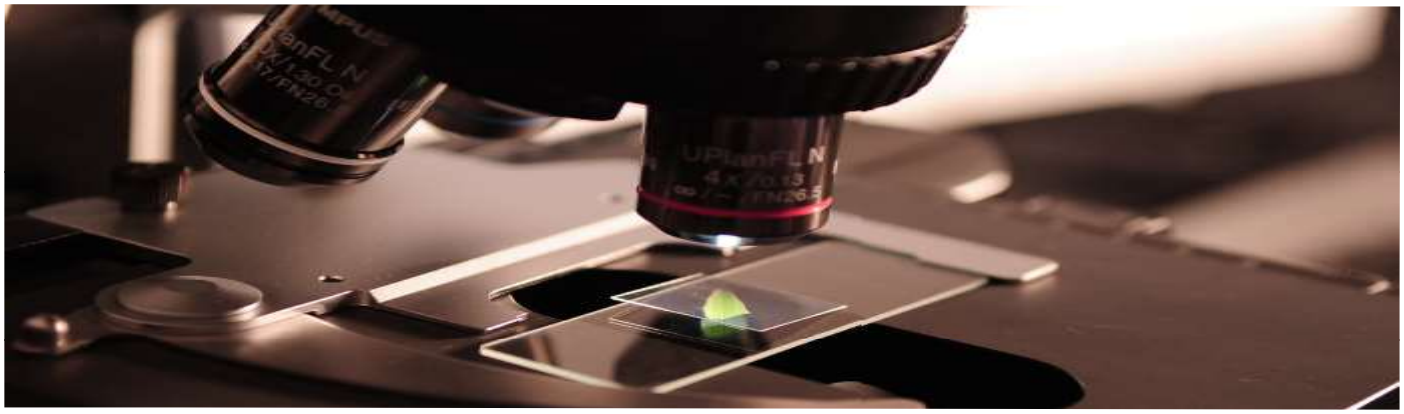
1 Credit	Year	10, 11, 12

Recommendation: 1 credit of Science Matters, Algebra II or Honors Biology
This course is designed to help the student gain an understanding of the basic concepts of chemistry. The student will have equal exposure to theoretical concepts and laboratory work. Mathematical models and societal implications of chemistry will be integrated throughout the course. The major units of study are: Matter, Atomic Structure, Bonding, Periodic Properties, Chemical Reactions, Solutions, Acids and Bases, Oxidation and Reduction, and Organic Chemistry. The course will serve as a basis for those students planning to take physics or advanced biology courses. This course will provide an awareness of chemistry-related careers and will prepare students for career and college readiness.

309	AP Biology

1 Credit	Year	11, 12

Recommendation: 1 credit of Honors Biology or Biology and of Chemistry or concurrent enrollment in Chemistry and consent of instructor.
The course is rigorous and challenging as a variety of topics are studied in detail. A unit of basic biochemistry lays the groundwork for greater understanding of what happens at the cellular level. An in-depth study of metabolism, nutrition, energy, pathway, homeostasis, and the transport of materials in the cell is related to the function of the whole organism, understanding the chemical nature of the gene and its role in genetics, reproduction, and development enables the student to further investigate implications in genetic engineering and recombinant DNA. How organisms evolved to respond to their environment is pursued.



310	Honors Chemistry	
1 Credit	Year	10, 11, 12

Recommendation: 1 credit of Honors Biology or Biology, suggest Algebra II or concurrent enrollment in Algebra II and consent of instructor.
Students enrolling in this course should have above average algebra skills. The same basic topics as chemistry are covered as well as thermo chemistry and thermodynamics, but some concepts are developed in greater depth. Laboratory work is emphasized to develop theoretical concepts and to improve problem-solving skills. Upon successful completion of this course, students will meet the chemistry requirement for admission to college but will be expected to take physics in order to be adequately prepared for college.

311	AP Chemistry	
1 Credit	Year	11, 12

Recommendation: 1 year of a Life Science (Biology), 1 Year of Chemistry, Algebra II, concurrent enrollment or completion of Physics and a 4th year math class.
The AP Chemistry course is designed to be the equivalent of the general chemistry course usually taken during the first college year. Students should attain a greater depth of understanding of fundamentals and a reasonable competence in dealing with chemical problems. The course should contribute to the development of the students' abilities to think clearly and to express their ideas, orally and in writing, with clarity and logic. The college course in general chemistry differs qualitatively from the usual first secondary school course in chemistry with respect to the kind of textbook used, the topics covered, the emphasis on chemical calculations and the mathematical formulation of the principles, and the kind of laboratory work done by students. Quantitative differences appear in the number of topics treated, the time spent on the course by students, and the nature and the variety of experiments done in the laboratory.

312	Biology 105 (Logan)	
.5 Credit	Semester	11, 12

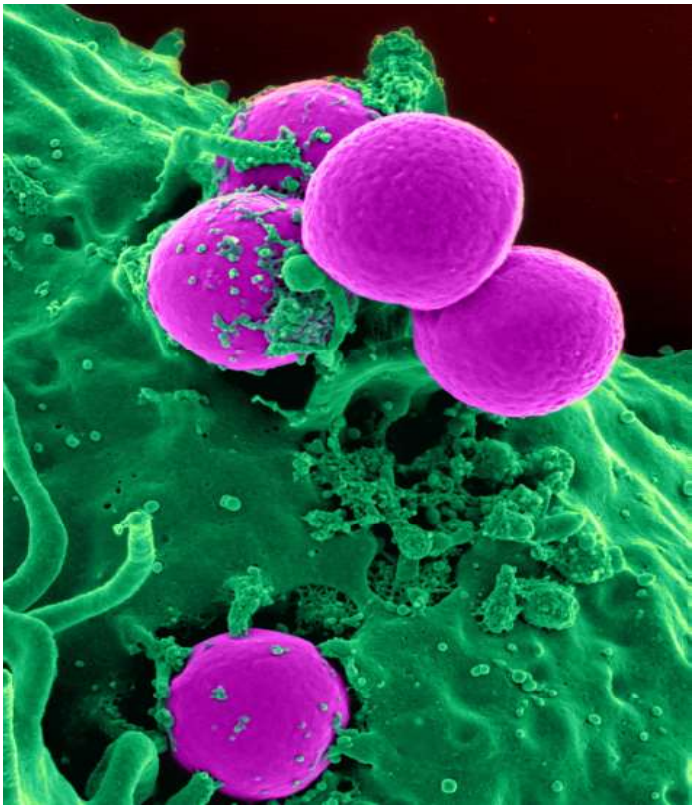
Recommendation: 1 credit of Honors Biology or Biology, Chemistry or concurrent enrollment in Chemistry and consent of instructor.
Biology 105 is an introduction to modern Biology. Four major sections are covered: The Cellular Basis of Life, the Flow of Energy, Genetics and Continuity of Life, and the Diversity and Ecological Relationships of Organisms. Themes developed throughout the course are processes used in the scientific investigations; the history and dynamic nature of biology, and relationships between science, technology, and society. Prerequisite to earn 4 university credits: Meet admission to UWL requirements. Attend a two-hour weekly lab at UWL. Must receive a grade of "C" or better.

314	Physics	
1 Credit	Year	11, 12

Recommendation: 1 credit of Algebra and Geometry.
Recommended: Algebra II
This course is designed to give the student a good understanding of the physical world. This course will give the student equal exposure to classroom concepts and experimental procedures. The student will also gain a firm understanding of mathematical problem solving in physics. The major units of study are Mechanics, Electricity and Magnetism, Heat and Thermodynamics, and Optics. Other topics may include Nuclear Physics, the Kinetic Theory of Matter, Wave Theory, and Relativity. The interrelationships of physics, technology, and society will be studied. Career possibilities related to physics will be explored. Physics will provide preparation for further study in a college or technical school.

316	AP Environmental Science	
1 Credit	Year	11, 12

Recommendation: 2 years of Science Courses - Biology, Chemistry, 1 year of Algebra.
The goal of the AP Environmental Science course is to provide students with the scientific principles, concept, 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 or preventing them. This course will cover the concepts and skills students will need to demonstrate to earn college credits on the Advanced Placement exam.



330	MSTaR

.5 Credit	Semester	11, 12

Over the course of two semesters during the students junior and senior years students will participate in an academic research project of their own design or as part of a mentorship program with a local organization. The first semester will revolve around the identification and design of a research project, methods preparation and data collection, and analysis and communication of results. In the second semester students will have the opportunity to polish and present their project at regional and national competitions. There will also be the option to participate in a mentorship program with local researchers between the two semesters.

317	AP Physics

1 Credit	Year	11, 12

Recommendation: Algebra I
This Algebra-Based course is the equivalent to a first-semester college course in algebra-based physics. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; and mechanical waves and sound. It will also introduce electric circuits. This course will provide the time needed to foster greater depth of conceptual understanding through the use of student-centered, inquiry-based instructional practices. This course will also provide the time to cover the concepts and skills students will need to demonstrate in order to earn credit for the introductory algebra-based college physics course.

318	Anatomy and Physiology I

.5 Credit	Semester	11, 12

Recommendation: 1 credit of Biology or Honors Biology
*This course is only offered Semester I.
This course is designed to extensively survey the anatomy and physiology of the human body. Students may take the course for the entire year to cover all systems. Students in the Health Science Academy course will experience more on site visits/ field trip experiences than students in one of the two high school site classes. Semester I systems include; Integumentary, Skeletal, Muscular, and Nervous.

319	Anatomy and Physiology II

.5 Credit	Semester	11, 12

Recommendation: 1 credit of Biology or Honors Biology
*This course is only offered Semester II and can be taken without taking Anatomy/Physiology I.
This course is designed to extensively survey the anatomy and physiology of the human body. Students in the Health Science Academy course will experience more on site visits/field trip experiences than students in one of the two high school site classes.
The semester II class will include a short review of semester I topics. Semester II systems include; Endocrine, Cardiovascular, Lymphatic, Respiratory, Digestive, Urinary, and Reproductive. Students completing the yearlong course will be prepared to take the Advanced Placement exam to earn college credits.

322	Astronomy

.5 Credit	Semester	11, 12

Recommendation: Algebra I
This course is intended to provide the student with the most basic material and methods which are used in astronomy. The history of astronomy is integrated with present theory and current data now being gathered as a result of our space program.

616	Principles of Engineering (PLTW)

1 Credit	Year	10, 11, 12

Recommendation: Algebra and instructor's approval
The intent of this course is to provide for orientation to the careers and challenges of engineering and to introduce students to the core abilities that all workers must possess whether they are entering the field as an engineer or as an engineering technician. Students will be exposed to those attributes which are common to all engineering endeavors. They will become aware that all members of the engineering team solve problems using math and science principles. Students will use the concepts of problem solving, concurrent engineering modeling, ethics, optimization, systems design, and technology/society interactions. The course is an integrative hands-on laboratory-based course that shows students the important concepts involved with engineering while having them work on real-life case studies that are examples of the type of problems they would be solving in this exciting career.

Social Studies

The purpose of social studies in the School District of La Crosse is to promote within our students a sense of individual worth and civic responsibility, a respect for the opinions and viewpoints of others, a knowledge of the past, an awareness of the present, and a concern for the future.

Social Studies Course Offerings

9th Grade	10th Grade	11th Grade	12th Grade
Core Social Studies Skill-Building World History/Geography (Logan) World History AP World History (Central) Honors World Humanities (Logan)	Core Social Studies Skillbuilding U.S. History (Logan) U.S. History World History AP World History (Central) AP U.S. History Elective Social Studies Psychology Sociology Global Issues AP Psychology Intro to Global Health	Core Social Studies Skill-Building Civics (Logan) U.S. Government AP Government World History AP World History (Central) U.S. History Economics (Logan) Elective Social Studies Psychology Sociology Global Issues Intro to Global Health AP European History AP Psychology	Core Social Studies Economics Workplace Economics (Logan) AP Microeconomics (Central) AP Macroeconomics (Logan) U.S. Government World History AP World History (Central) AP Government Elective Social Studies Psychology Sociology Global Issues Intro to Global Health AP European History AP Psychology

* Teacher recommendation required.

346	Skillbuilding World History/Geography (Logan)

1 Credit	Year	9

Recommendation: Recommendation of Social Studies teacher and School Counselor.

This course is designed to build the study and learning skills students need to be successful in social studies classes. This class is for students who find social studies very difficult. The emphasis is on learning and study skills with students returning to the traditional pathway as soon as possible. This class may not be accepted by some colleges and universities as social studies credit for entering college.

349	Skillbuilding U.S. History (Logan)

1 Credit	Year	10

Recommendation: Recommendation of Social Studies teacher and School Counselor.

This course is designed to build the study and learning skills students need to be successful in social studies classes. This class is for students who find social studies very difficult. The emphasis is on learning and study skills with students returning to the traditional pathway as soon as possible. This class may not be accepted by some colleges and universities as social studies credit for entering college.

351	Skillbuilding Civics (Logan)

.5 Credit	Semester	11

Recommendation: Recommendation of Social Studies teacher and School Counselor.
This course is designed to build the study and learning skills students need to be successful in social studies classes. This class is for students who find social studies very difficult. The emphasis is on learning and study skills with students returning to the traditional pathway as soon as possible. This class may not be accepted by some colleges and universities as social studies credit for entering college.

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.

353	U.S. History

1 Credit	Year	10, 11, 12

U.S. History includes a review of history from colonial times through the nineteenth century with an emphasis on twentieth century America. Important economic, political, social and geographic influences are studied as they relate to the development of the United States.

354	U.S. Government

1 Credit	Year	11, 12

This class deals primarily with the structure and functions of the national and state governments of the United States. Included is a study of the development of our political system, elections, Congress, the Presidency, and the Federal Court system. The structure and function of Wisconsin state and local government is also studied. Emphasis will be placed on government processes as they relate to society today.

355	Economics

.5 Credit	Semester	12

This course is a study of the American economics system emphasizing a reasoned approach to economic decision making and developing an understanding of the basic principles and laws of our economy and how we, as individuals, relate to them in every day life through our jobs, in our government and in our society. In addition, this course will enable students to recognize the economic similarities, differences, and interdependence of the world community.

356	Workplace Economics (Logan)

.5 Credit	Semester	12

This course is a study of the American economic system that emphasizes economic principles as they relate to consumer economics. The course will examine the nature of economics, the production of goods and services, supply and demand theory, money and banking, the national economy and the role of government, personal finance, and personal investing. Students will learn how to interpret commonplace economic events and apply critical thinking and decision making skills as consumers and producers.

357	Psychology

.5 Credit	Semester	10, 11, 12

Psychology is the study of human behavior and the influences of the conscious and unconscious process on the shaping of personality, thought, learning, and behavior. Emphasis will be placed on developing an understanding of the basic principles of personality development, personality theories, and various measurement techniques. The course will also focus on the assessment of psychological disorders, learning, memory, intelligence, sensation and perception, and social psychology.

358	Sociology

.5 Credit	Semester	10, 11, 12

Sociology is the study of human interaction and development with special emphasis placed on culture, ethnic, racial, and minority groups. Other units studied will include the institutions of marriage and families, gender-roles, and criminal behavior. Sociology will conclude with a focus on social problems that exist in our society.

359	Global Issues

.5 Credit	Semester	10, 11, 12

Global Issues is a flexible and topical course focusing on current events including their development and future implications. Possible topics may include nuclear issues, population, terrorism, human rights, the environment, women's issues, and other newsworthy topics.

363	Lands and Cultures of the World

.5 Credit	Semester	10, 11, 12

Lands and Cultures of the World is the study of the many cultures found throughout the world and how they relate to the spaces and places where they originate and the spaces and places they then travel to, as people continually move across various areas. Lands and Cultures of the World will include the study of how humans impact the Earth as they move across various areas. It also includes the cultural practices around the world that are caused by the places people live as well as how people change the places that they live.

364	World Humanities Honors (Logan)

1 Credit	Year	9

Recommendation: Writing sample and teacher recommendation. Honors 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.

366	AP U.S. History

1 Credit	Semester	10, 11, 12

Advanced Placement U.S. History is a year long course that provides a basic exposure to the factual narrative of United States History from the period of colonization to the recent past. The goals of the course are to develop an understanding of some of the principle themes in United States History, an ability to analyze historical evidence, and an ability to express that understanding and analysis in writing. This course will prepare the student to take the AP exam.

367	AP European History

1 Credit	Year	11, 12

Advanced Placement European History provides a basic exposure to the factual narrative of European history from the period of the High Renaissance to the recent past. The goals of the course are to develop an understanding of some of the principal themes in modern European history and to develop an ability to analyze historical evidence and an ability to express that understanding and analysis in writing. This course may be taken to fulfill the requirement for World History or as an elective. The course is designed to prepare students to take the Advanced Placement test in May.

368	AP Government

.5 Credit	Semester	11, 12

This course is designed to provide an in-depth study of the American political system and American government. The course will examine in detail the principal processes and institutions through which the political system functions. Course work will be at a level that would equal an advanced political science class. This course may be taken to fulfill the requirement for Government or as an elective. This course is designed to prepare the student for the Advanced Placement Test.

369	AP Microeconomics (Central)

.5 Credit	Semester	12

AP Microeconomics is a one-semester course that prepares students to take the AP microeconomics exam. A strong background in math is recommended. Students will develop a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the larger economic system. It places primary emphasis on the determination of prices and output under competition, monopoly, and other market structures. The theory of consumer demand, analysis of cost structure of the firm, pricing and employment of resources, and distribution of income are other concepts covered.

370	AP Macroeconomics (Logan)	
1 Credit	Semester	10, 11, 12

AP Macroeconomics is a one-semester course that prepares students to take the AP macroeconomics exam. A strong background in math is recommended. Students will develop a thorough understanding of the principles of economics that apply to the economic system as a whole. It places primary emphasis on principles relating to the functioning of the aggregate economy, including the fundamentals of national income measurement and determination, money and banking, fiscal and monetary policies and economics growth.

373	AP World History (Central)	
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 Trans-regional 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 Realignments (c. 1900 to the Present). Themes allow students to make connections and identify patterns and trends over time.

374	AP Psychology	
1 Credit	Year	10, 11, 12

The Advanced Placement Program offers a course and exam in psychology to qualified students who wish to complete studies in secondary school equivalent to an introductory college course in psychology. The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice.

365	Intro to Global Health	
.5 Credit	Semester	10, 11, 12

This course introduces participants to global health through its history, definition, determinants, and development as a field of study. Some topics of study include the Environment and health, Ethics and Human Rights, Women and Children's health, Culture and health, UN's Sustainable Development Goals, Healthcare Models, and Communicable and Noncommunicable diseases. The inter-connection between health problems in developed and developing countries and the interdisciplinary approach necessary to understand and address health issues will be emphasized. Students will learn about population health status in regions of the world and they will be able to suggest how various health indicators are likely to change over time and explain why. They will also develop a basic understanding of the methods used to assess population health, and be able to discuss why some groups are healthier than others and what can be done to reduce health disparities.

Technology and Engineering

The mission of Technology & Engineering in the School District of La Crosse is to provide students with an opportunity to explore a wide variety of technological experiences, thereby allowing each student to select an area that is suited to their interests and abilities. Each area should develop from the exploratory stage systematically up to a technological skill. The students have the opportunity to choose whether they desire to use their technology and engineering experience to enter into the workforce, a technical college, or a university

Technology and Engineering Course Offerings

9th Grade	10th Grade	11th- 12th Grade
Computer Construction (IT Essentials) Woods I Intro to CAD (Computer Aided Design) and Architecture (Central only) Intro to Engineering Design	Woods I Woods II Manufacturing Systems Small Engines, Welding & Fabrication I Intro to CAD (Computer Aided Design) and Architecture Architectural CAD Design Introduction to Engineering Design Principles of Engineering* Digital Electronics† Creative Metals & Woods Robotics Video Production & Movie Making Photography Computer Construction (IT Essentials) CISCO Networking Certification I CISCO Networking Certification II Graphic Art & Design I †	Woods I Woods II Woods III Building Construction* Manufacturing Systems Small Engines, Welding & Fabrication I Small Engines, Welding & Fabrication II Automotive Technology † Introduction to CAD and Architecture Architectural CAD Design Introduction to Engineering Design Principles of Engineering Digital Electronics† Creative Metals & Woods Computer Integrated Manufacturing†† Robotics Video Production & Movie Making Photography Computer Construction (IT Essentials) CISCO Networking Certification I, II, III, IV Graphics Art and Design I † Graphic Art & Design II † Graphic Art & Design III † Technology Education—Classroom Intro to Construction Careers

* Instructor's approval required

† Taught at Logan only—Central students are responsible for transportation to Logan

† † Taught at Central-Logan students are responsible for transportation to Central

CISCO Networking Certification Pathway

This two-year course is designed to teach students the skills needed to design, build and maintain small to medium size networks. The entire course is a four-semester program that will provide students with the opportunity to enter the workforce and/or further their education and training in the computer networking field.
Central students are responsible for transportation to Logan. CISCO is taught at Logan only.
Articulated credit with WTC.

545	CISCO Networking Certification I

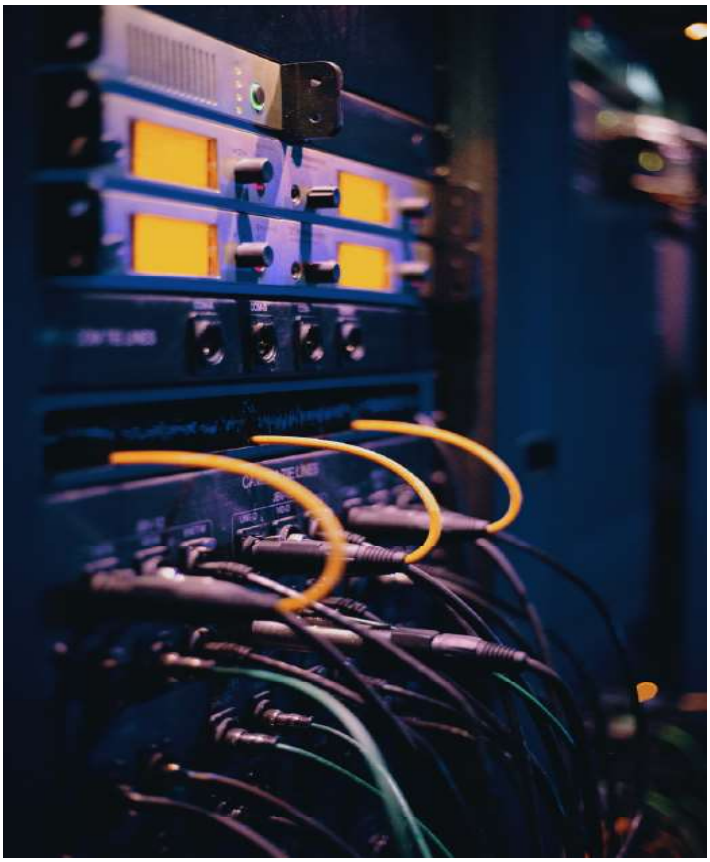
.5 Credit	Semester	10, 11

This course teaches students the skills needed to obtain entry-level home network installer jobs. It also helps students develop skills needed to be come network technicians, computer technicians, cable installers, and help desk technicians. It provides a hands-on introduction to networking and the Internet using tools including PC installation, Internet connectivity, wireless connectivity, file and print sharing, and the installation of game consoles, scanners, and cameras. CISCO 1 is part of the E scholars Network and can be taken online.

546	CISCO Networking Certification II

.5 Credit	Semester	10, 11

This course prepares students for jobs as network technicians and helps them develop additional skills required for computer technicians and help desk technicians. It provides a basic overview of routing and remote access, addressing, and security. It also familiarizes students with servers that provide email services, web space, network monitoring and authenticated access. Students also learn the soft skills required for help desk and customer service positions, and the final chapter helps them prepare for the CCENT certification exam. CISCO Networking 2 is part of the e-Scholars program and can be taken as an online option.
Prerequisites: CISCO Networking Certification Pathway II



547	CISCO Networking Certification III

.5 Credit	Semester	11, 12

Recommendation: Successful completion of CISCO Networking Academy I & II.
This course familiarizes students with the equipment applications and protocols installed in enterprise networks, with a focus on switched networks, IP telephony requirements, and security. It also introduces advanced routing protocols such as Enhanced Interior Gateway Routing Protocol (EIGRP) and Open Shortest Path First (OSPF) Protocol. Hands-on exercises, including configuration, installation, and troubleshooting, reinforce student learning by using CISCO routers and switches. CISCO Networking 3 is part of the e-Scholars program and can be taken as an online option. Prerequisites: CISCO Networking Certification Pathway I & II.

548	CISCO Networking Certification IV

.5 Credit	Semester	11, 12

Recommendation: Successful completion of CISCO Networking Academy I, II & III
This course is the final course in the CISCO Networking Academy and introduces students to network design processes using two examples; a large stadium enterprise network and a medium-sized film company network; students follow a standard design process to expand and upgrade each network, which includes requirements gathering , proof-of-concept, and project management life cycle services, including upgrades, competitive analyses, and system integration, are presented in the context of presale support. A hands-on review will take place toward the end of class to help prepare students for the CCNA. CISCO Networking 4 is part of the e-Scholars Program and can be taken as an online option.
Prerequisites: CISCO Networking Certification Pathway I, II, & III

PROJECT LEAD THE WAY

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)
Principles of Engineering (POE)
Computer Integrated Manufacturing (CIM)

Students who have successfully completed any of these PLTW course may be eligible for transcripted 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	
1 Credit	Year	9, 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.

616	Principles of Engineering	
1 Credit	Year	10, 11, 12

Recommendation: Algebra

The intent of this course is to provide an orientation to the careers and challenges of engineering and to introduce students to the core abilities that all workers must possess, whether they are entering the field as an engineer or as an engineering technician. Students will be exposed to those attributes that are common to all engineering endeavors. They will become aware that all members of the engineering team solve problems using math and science principles. Students will use the concepts of problem solving, concurrent engineering modeling, ethics, optimization, systems, design and technology/society interactions. The course is an integrative, hands-on, laboratory-based course that shows students the important concepts involved with engineering while having them work on real-life case studies that are examples of the types of problems they would be solving in this exciting career.

618	Computer Integrated Manufacturing (Central)	
1 Credit	Year	11, 12

Recommendation: IED and/or POE

Students learn concepts of robotics and automated manufacturing by creating three-dimensional designs with modeling software and producing models of their designs. The major focus of this course is to answer questions such as: How are things made? What processes go into creating products? Is the process for making a water bottle the same as it is for a musical instrument? How do assembly lines work? How has automation changed the face of manufacturing ? As students find the answers to these questions, they learn about the history of manufacturing, a sampling of manufacturing processes, robotics, and automation. This course is built around several key concepts: computer modeling, Computer Numeric Control (CNC) equipment, Computer Aided Manufacturing (CAM) software, robotics and flexible manufacturing systems. This course is designed for 11th or 12th grade students.

551	Computer Construction (IT Essentials)	
.5 Credit	Semester	9, 10, 11, 12

Computer Construction & Maintenance is a course designed to give the learner knowledge on how a computer and the 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.

600	Photography- Logan Only	
.5 Credit	Semester	10, 11, 12

Photography introduces the skills to use cameras, lenses, and light meters. Film developing, printmaking, design, composition, Photo Shop, and digital photography will be emphasized

602	Video Production and Movie Making- Logan Only	
.5 Credit	Semester	10, 11, 12

Video Production is a one-semester course that allows the student to create his or her own full length digital movies. Students will be introduced to creating visual effects, inserting audio clips, and other technical aspects of movie making. This course meets the computer requirement for graduation.

603	Creative Metals & Woods	
.5 Credit	Semester	10, 11, 12

This semester class is designed to welcome any student into the world of manufacturing. Many students may not feel comfortable taking the standard small engine and fabrications classes because of a lack of experience and knowledge in the area. Techniques such as flame cutting, soldering, shielded metal arc welding, gars metal arc welding, flux core welding, gas tungsten arc welding, CNC mill and standard mill and lathe operations, CNC router operations, CNC laser engraver operation will be covered. Students will have an opportunity to utilize the skills they learn to create individual projects.

604	Introduction to Computer Aided Design and 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.

605	Architectural CAD Design	
1 Credit	Year	10, 11, 12

Industry standard Auto Cad software will be used to teach students to design their dream house. Engineering concepts, such as material science/strength, will be explored to enhance student understanding. Students will produce a complete set of working drawings (floor plan, plot plan, sections, elevations, foundation plan and perspectives) for a residential structure. Students that are successful in this class have an interest in art and engineering.

611	Manufacturing Systems	
1 Credit	Year	10, 11, 12

This course is also available for .5 credit for one semester. In this course students will learn to use tools and machines safely and to market their products. Manufacturing takes a hands-on approach in understanding manufacturing technology.

612	Small Engines, Welding & Fabrication I	
1 Credit	Year	10, 11, 12

This course is a study of transportation systems dealing generally with the methods by which people and goods move through various environments. This course covers the basics of small engines, metal fabrication, welding and machining used in transportation systems.

614	Graphic Arts & Design (Logan)	
1 Credit	Year	10, 11, 12

This course provides students with a basic understanding of graphic arts. Emphasis will be on both theory and hands-on activities. Layout, design, computerized typesetting, silk-screening, and photography will be covered in this course. Multicolor will be stressed in the second semester.

624	Small Engines, Welding & Fabrication II	
1 Credit	Year	11, 12

Recommendation: Small Engine, Welding, and Fabrication I
This is a transportation course that covers advanced systems of transportation. The course will take students to the next level as far as functions, processes, and procedures of the transportation industry.

606	Photography/Video Production- Central Only	
.5 Credit	Semester	9, 10, 11, 12

Combined Description from the current course offering book- for Central only:
Photography and Video production introduces the skills needed to use cameras, lenses and light meters. Students will use photoshop, and digital photography. Video production will allow students to create full length digital movinges and be introduced to visual effects, inserting audio clips and technical aspects of movie making.

626	Graphic Art & Design II (Logan)	
.5 Credit	Semester	11, 12

Recommendation: Technology Systems or instructor's approval
Following a review of basic processes, students are introduced to advanced techniques with hands on experiences in the area of their interest in the fields of photography, and screen-printing.

628	Graphic Art & Design III (Logan)	
1 Credit	Year	11, 12

Recommendation: Technology Systems or instructor approval.
This course is also available for .5 credit for one semester.
Graphic Arts Seminar is a logical conclusion to the graphic arts sequence by providing students with the opportunity to gain experiences that are current to the graphic arts industry. Students in this course should be considering graphic arts as a career objective.

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.

634	Woods II	
1 Credit	Year	10, 11, 12

Recommendation: Instructor approval.
This course is also available for .5 credit for one semester.
Woods II students will study the elements of design and style found in woodworking projects. Students will concentrate on craftsmanship and quality workmanship in building a project.

639	Woods III	
1 Credit	Year	11, 12

Recommendation: Instructor approval.
This course is also available for .5 credit for one semester.
This is a logical conclusion to the woods course sequence as an opportunity to gain experience that is current to the woodworking/cabinetry industry.

640	Automotive Technology (Logan)	
1 Credits	Year	11, 12

Recommendation: Small Engines, Welding, and Fabrication I This course is also available for .5 credit for one semester.
If you depend on your car and want to understand how it works and how you can make it safer and more reliable, you will benefit from this class. You will learn how a car works, what the parts are, and what they do. In knowing this you will be able to perform some of the repairs yourself or just know what is going on when someone else in making the repairs. Either way you will be saving money.

647	Tech Ed Classroom	
1 Credit	Year	11, 12

Recommendation: Instructor approval.
The in-school phase of Technology Education Co-op is a job related class to acquaint students with general topics considered to be important to workers in industrial occupations. In addition to this course, students are required to be enrolled in a technical course closely related to their career training. The course includes the student's progress on the job, collective bargaining, managing money, consumer responsibilities, and researching careers. In this program students will explore their own career training and other industrial occupations through field trips, employer luncheons, and school and community projects. Additional activities will include the Skills USA club through projects, leadership, and competition.

650	Robotics	
.5 Credit	Semester	10, 11, 12

This class will use a hands-on approach to introduce the basic concepts in robotics, focusing on mobile robots, programming, electronic components and prototype design. Students will work in teams to build and test increasingly more complex robots in an end-of-semester robot contest. Students will receive a comprehensive overview of robotic systems and the subsystems that comprise them.

World Language

The purpose of the World Language Program in the School District of La Crosse is to enhance the existing curriculum in all subject areas by emphasizing a global perspective. The study of another language expands student understanding in the areas of oral and written communication skills. World language study is a core discipline in a globalized society.

World Language Course Offerings

9th Grade	10th Grade	11th Grade	12th Grade
French I or II	French I, II, or III	French I, II, III, or IV	French I, II, III, IV, or V
German I or II	German I, II or III	German I, II, III, or IV	German I, II, III, IV, or V
Spanish I or II	Spanish I, II or III	Spanish I, II, III, or IV	Spanish I, II, III, IV, or V
Spanish Literature	Spanish Literature	Spanish Literature	Spanish Literature
Chinese I	Chinese I or II	Chinese I, II, or III	Chinese I, II, III, or IV
Hmong Language	Hmong Language	Applied Spanish	Applied Spanish
		Hmong Language	Hmong Language

In some cases, if adding a second language, it is often possible to go directly into Level II because of prior language experience. Many students add a 2nd or 3rd language in their sophomore or junior year.

Students are strongly encouraged to follow a 4-year language sequence through high school. Many colleges and universities look favorably on applicants with 4-5 years of language study; this effort shows determination, perseverance, the desire to obtain a higher level of proficiency in the language, and broader cultural understanding. Adding another language is encouraged for students with excellent linguistic abilities. Students should be aware of the possibility of earning retroactive credits in the Wisconsin university system and possibly other colleges and universities. Up to 16 credits may be earned after one college level language class. In addition, students have the option of taking the AP language test. With a score of 3 or above, students may earn 3-4 more language credits. Always ask about language retroactive credits and language requirements when visiting a college.

150	French I	
1 Credit	Year	9, 10, 11, 12

French I introduces the student to various aspects of the language and francophone culture. Emphasis is placed on communications 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

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 group, 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.

154	French III	
1 Credit	Year	10, 11, 12

Recommendation: French II

French III introduces more grammar concepts and vocabulary needed for everyday communication. Creative role playing (e.g. making plans, a visit to the doctor, etc.) allows the student to participate in and improve his/her use of the spoken language. Cultural topics may include the Louvre, L'Opéra, travel to Benin, Switzerland and other francophone countries as well as French cities. Students will read appropriate texts and authentic documents and write compositions.

156	French IV	
1 Credit	Year	11, 12

Recommendation: French III

French IV reviews previously learned grammar and vocabulary and continues to introduce new concepts. There will be an increased emphasis on culture reading and writing as well as expanding the ability to speak freely. Topics may include la Côte d'Ivoire, Provence and the South of France, and Quebec. Literature from many French-speaking countries is explored and students will read a short novel in French.

158	French V	
1 Credit	Year	12

French V emphasizes grammar review as needed, vocabulary development and advanced speaking/ writing proficiency. Students are encouraged to prepare for college placement tests that could help them earn up to 16 retroactive credits and to prepare for the AP or SAT II French Tests. Emphasis is placed on history, civilization, and art.

World Languages Additional Opportunities

German Exchange

Central HS- Under the auspices of G.A.P.P. (German American Partnership Program), Central German students in good standing may participate in an exchange with a high school in Kirchhelm/ Teck in Germany. Every other year we host German students in October, then are hosted by them the following June. For 3 weeks students stay with families, attend school, and have a full program of activities and short trips.

Logan HS- Under the auspices of G.A.P.P. (German American Partnership Program), Logan German students in good standing may participate in an exchange with a high school in Friedberg in Germany. Every other year we host German students in September, then are hosted by them the following July. For 3 weeks students stay with families, attend school, and have a full program of activities and short trips.

Spring/Summer French and Spanish Trip

Spring or summer trips to France or a Spanish speaking country may be offered every other year to sophomore, junior, and senior French or Spanish students who are in good academic and behavioral standing. These trips are based on student interest.

Epinal Exchange

Also available as a cultural experience is the Epinal exchange open to French students who may host a student from Epinal for three weeks one summer and the following summer visit his/her correspondent in Epinal.

160	Spanish I	
1 Credit	Year	9, 10, 11, 12

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 Spanish II readiness.

162	Spanish II	
1 Credit	Year	9, 10, 11, 12

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.

164	Spanish III	
1 Credit	Year	10, 11, 12

Recommendation: Spanish II

Spanish III develops more creative communication ability as students strengthen grammar and vocabulary skills. At this intermediate level, students seek to function in a wider range of every day situations and social settings. There is a continued emphasis on the culture of Spanish speaking countries.

166	Spanish IV	
1 Credit	Year	11, 12

Recommendation: Spanish III

In Spanish IV, communicative skills are strengthened toward the goal of more natural overall proficiency. Students review previously learned grammar and learn more advanced grammar concepts. Students will read a variety of literature and more emphasis is placed on culture, geography, and history.

168	Spanish V	
1 Credit	Year	12

Recommendation: Spanish IV In Spanish V, students should expect to become more orally proficient. Advanced grammar skills are reviewed and refined. Emphasis is placed on Hispanic literature and on written composition in Spanish. Generally, those who finish Spanish V are able to earn retroactive credits by taking a college level placement exam. Others may wish to take an Advanced Placement Spanish test for college credits.

130	Applied Spanish (Logan)	
1 Credit	Year	11, 12

This is a course designed for the student who has taken Spanish V or is concurrently taking Spanish V with this course. Students entering this course should be at an Intermediate language level. This course is designed for students seeking to expand skills through literature and film and seeking to apply their skills in practical ways. This course will utilize resources to enable students to earn a Bi-literacy Seal and/or a Global Certificate from the State of Wisconsin. Internship/outreach opportunities will be available for students seeking experiences to use their language skills outside of the classroom and/or to use these experiences to complete the requirements for the Global Scholar Certificate and Bi-literacy Seal. The AAPPL exam will be taken at the end of this course to determine eligibility for the Seal, which requires that students test at an Intermediate-High Level in the Interpretive, Intrapersonal, and Presentational modes of communication.

131	Spanish Literature	
1 Credit	Year	9, 10, 11, 12

This course is designed for Spanish Immersion students and or Heritage and native speakers entering High School. The year long course combines Spanish grammar concepts currently in Spanish levels two and three. These grammar concepts will be explored through literature with extensive vocabulary acquisition through Hispanic classic and contemporary literature. This course will be conducted entirely in Spanish. All the modes of communication will be practiced in this course.

	Hmong Language	
1 Credit	Year	9, 10, 11, 12

The Hmong language course introduces the student to various aspects of the language and Hmong culture. Emphasis is placed on communication skills of speaking and listening. Students will begin to use the target language immediately and learn vocabulary. An awareness and understanding of cultures will be developed via Hmong history, geography, and as contemporary life is studied.

176	German I

1 Credit	Year	9, 10, 11, 12

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

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. German fairy tales will be read.

180	German III

1 Credit	Year	10, 11, 12

Recommendation: German II

This course will continue to improve the four basic communicative skills of listening, speaking, reading, and writing. Students will be able to interact socially in an appropriate manner and be able to tend to their own welfare in the target culture. The study of literature will continue with fables, short stories, fairy tales, and other literary texts suitable to this skill level.

182	German IV

1 Credit	Year	11, 12

Recommendation: German III

German IV students will attain the level of mastery needed to travel in a German speaking country. Students will know what to expect and how to behave in different social contexts and situations. They will comprehend more difficult conversations, television programs, movies, and study an extended radio drama. They will read, discuss, and write about articles and books of ever increasing difficulty. Students will be able to describe, discuss related events, and give opinions on an ever increasing variety of topics. The cultural emphasis is on travel and daily life in German speaking countries.

184	German V

1 Credit	Year	12

Recommendation: German IV

German V students continue developing their ability to understand, speak, read, and write German. German literature (poetry) short stories, and a two-act play) are studied. Students research and make presentations on various aspects of German culture and history.

190	Chinese I

1 Credit	Year	9, 10, 11, 12

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 150 characters as a means to understand an elementary text of Chinese reflecting social activity. Topics include geography, Chinese society, and cross-cultural issues.

191	Chinese II

1 Credit	Year	10, 11, 12

Recommendation: Chinese I Chinese II will introduce more detailed sentence structure and vocabulary expansion through listening, speaking, reading, and writing activities. Students will increase their reading vocabulary to 300—320 characters. Using the system of radical identification and character stroke order, students will acquire dictionary skills and other interpretation skills. Additional cultural topics will include the different cities of China and an overview of China vs. 21st century China.

192	Chinese III

1 Credit	Year	11, 12

Recommendation: Chinese II Students in Chinese III will continue to expand character vocabulary for reading comprehension and for extended conversation. At this level, students will begin to examine authentic documents reflecting social activity. Students will increase their capacity to analyze phonetic components of characters and will demonstrate greater ease and proficiency in using a Chinese dictionary and other e-translation tools. Students will be introduced to Chinese literature (either in original language or in translation) which reflects contemporary Chinese cultural values.

193	Chinese IV

1 Credit	Year	12

Recommendation: Chinese III Students in Chinese IV will continue to expand character vocabulary for reading comprehension and for extended conversation. At this level, students will continue to examine authentic documents reflecting social activity. Students will increase their capacity to analyze phonetic components of characters. Students will read short expository texts besides regular narrative passages. Students writing skills will be further refined.

Early College Credit Program (ECCP)

A student in grades 9 through 12 attending a public school or a private school in the state will be permitted to enroll in a UW System institution, or a private, non-profit institution of higher education, to take one or more nonsectarian courses, for which the student may earn high school credit, post-secondary credit, or both. Students taking courses through ECC must have their course requests pre-approved by their school counselor and must submit their request (application) to the office of Academic Programs and Staff Development for final review. Students must also apply for and be accepted by the university where they wish to complete their coursework prior to registration. Key considerations are identified below:

Open to grade 9-12 students.

Courses must be pre-approved by the district.

Students may take up to two courses at a UW system university, concurrently.

Students may acquire a total of 18 university credits through ECC.

Costs:

When taking a course for high school and university credit, or just high school credit, costs will be divided as follows: District 75%; State 25%;, Student no cost.

When taking a course for postsecondary credit only, costs will be divided as follows: District 25%; State 50%; Student 25%, unless the cost creates an undue financial burden on the student's family.

Tuition costs for incomplete or failed courses will be charged back to the student.

Applications for fall courses are due by March 1 of the preceding spring. Applications for spring courses are due by October 1 of the preceding fall. The application deadline for summer courses is still being determined by the state at the time of this printing. Until defined by the state, students may apply for summer courses anytime prior to the start of the desired course.

Universities will charge reduced tuition for ECC courses.

Districts may apply to the DPI for partial reimbursement of ECC tuition costs.

At the time of this publication, application forms for this program remain under development.

Grades appear on transcripts.

Credits earned are not included in the student's district G.P.A.

Registration materials are available in Student Services.

Start College Now (SCN)

The Start College Now program is available to students in grades 11 and 12. Meet with your high school guidance counselor to discuss your career plans and connect with the Start College Now program. Students taking courses through Start College Now must have their course requests pre-approved by their school counselor and must submit their request application to the office of Academic Programs and Staff Development for final review. Also talk with your local/connected technical college to discuss appropriate courses and find out if those courses are available. Key considerations are outlined below:

Complete grade 10 and be in good academic standing.

Open to students in grades 11-12.

Students may take up to two courses at a Wisconsin technical college, concurrently.

Courses must be pre-approved by the district.

Cost:

Technical Colleges will charge districts full tuition; no state reimbursement is available to districts.

Tuition costs for incomplete or failed courses will be charged back to the student.

Applications for fall courses are due by March 1 of the preceding spring. Applications for spring courses are due by October 1 of the preceding fall. No summer courses are offered through Start College Now.

Advanced Placement Testing Program (AP)

Students can register and pay a fee to take AP exams in a variety of subjects each May at the high school. Scores of 1-5 are awarded. Most colleges and universities will award college credit based on these scores. The credit awarded varies by institution, scores and major. (Note: You do not need to take an AP course to be eligible to take the exam. The AP course, however, is designed to help you prepare to do well on the AP exam while earning high school credit. If you take an AP course, you are not required to take the AP exam.)

School-To-Career

Worked Based Learning

Mission Statement

It is the mission of the School District of La Crosse to develop a School-to-Career Program that will provide a system of opportunities to help all students make the transition from education to employment and/or postsecondary education.

Broad Goals

The School District of La Crosse, in its efforts to help develop the knowledge base, attitudes and skills necessary for a productive, satisfying life, presents and endorses this statement of policy in accordance with the following convictions:

In a highly technological, rapidly changing society where occupations change and disappear, public education must equip students to deal with the world of work and make informed decisions regarding post— secondary education.

Students have a variety of learning styles and learn best when they become involved in experiences that are relevant to their lives in today's world.

It is necessary for communities and educational systems to work together as partners in order for school-to-career programs to achieve optimum effectiveness.

Youth Apprenticeship

This is a one or two year program for juniors and seniors. Students earn and learn in a work-based learning setting. Youth Apprenticeship is built into the school day and combines school based and work based instruction. Students are paid and earn high school creadit and potential post secondary/college credit. Paid work experience combined with classroom instruction provides excellent job opportunities. Students must apply for this program and are sponsored by local business and industry. Graduates receive a credential from the state of Wisconsin. Applications are available from student services.

Youth Apprenticeship offers several career programs to explore:
Agriculture, Food & Natural Resources
Architecture & Construction
Art, A/V Technology & Communications
Finance
Health Science
Hospitality, Lodging & Tourism
Information Technology
Manufacturing
Science, Technology, Engineering & Mathematics (STEM)
Transportation, Distribution & Logistics

Co-op Programs

Students need to apply with the appropriate co-op coordinator in their career interest area. Applications are available from the Career Center or the co-op coordinator and are due March 1st. Return application to co-op coordinator by class registration deadline. Co-op coordinator's signature required on registration for courses. Paid work experience combined with related classroom instruction provides excellent job skills for juniors and seniors in these one-year programs.

Business

530/536	Business (Logan)

647/648	Technology

545	CISCO Networking Certification Pathway

ACE Academy

The School District of La Crosse along with the Association of General Contractors and many local business partners is excited to announce a new opportunity for juniors and seniors interested in pursuing education and careers in the Architectural and Construction industry. The La Crosse ACE Academy is a two-year program that will provide thematic instruction, career exploration, job shadows, field experiences, mentoring by construction professionals and internship opportunities for students. Instruction for the Construction Career Academy is scheduled to take place at each high school with opportunities for off-site construction projects.

Junior Year Courses

Course ID	Course Name	Credits	Description
3637	Construction Systems	1.0	This course is the foundation of the Construction Career Academy. Topics covered will include site preparation, foundations, framing methods, roofing techniques, exterior and interior finishing, CAD, design methods, blueprint reading and estimation. Hand tool, power tool, and machine safety are also important components of the course.
3651	Construction Careers	1.0	This course is a continuation of careers concentrating on specific careers in the construction industry. Emphasis will also include OHSA 10 training, and field experiences.
	Math Selection- select one	1.0	Students select the appropriate level math course. Math will be customized in a thematic approach and facilitated in an online learning environment. Algebra II, Pre-Calculus, Geometry,

Senior Year Courses

3633	Off-Site Construction	1.0	Course content includes site clearing, site layout, foundations, framing, roofing, windows and doors, exterior finish and interior finish. Off-site hands on projects will be a major component of this course to apply construction foundations to real examples.
3634	Building Information Management	.5	BIM (Building Information Management) is a process involving the generation and management of digital representations of physical and functional characteristics of a building. The resulting building information models become shared knowledge resources to support decision-making about a facility from earliest conceptual stages, through design and construction, through its operational life and eventual demolition. This course will include using the software AutoDesk Revit, a 3D modeling software, and studying
3635	Construction Capstone	.5	This course will assist students in finalizing their construction academy experience and will include job and postsecondary readiness, portfolios, and personal financial management.

Engineering Academy

The La Crosse Engineering Academy is a two-year academy designed to prepare students entering the 11th and 12th grade for education and careers related to engineering.

Junior Year Courses

Course ID	Course Name	Credits	Description
5317	AP Physics	1.0	This Algebra-Based course is the equivalent to a first-semester college course in algebra-based physics. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; and mechanical waves and sound. It will also introduce electric circuits. This course will provide the time needed to foster greater depth of conceptual understanding through the use of student-centered, inquiry-based instructional practices. This course will also provide the time to cover the concepts and skills students will need to demonstrate in order to earn credit for the introductory algebra-based college physics course.
5620	Engineering Processes	.5	This course will introduce the student to the fundamental skills needed to design and fabricate various engineering related projects. Students will become familiar with the safe and proper use of hand tools, portable power tools, and stationary power equipment. In addition, students will learn how to use precision measurement instruments and inspect tolerances. Blueprint and schematic reading, instruction in 2D and 3D CAD software, Computer Aided Manufacturing (CAM) software and 3D printing will also be covered.
5619	Robotics and Programmable Logic Controllers (PLC)	.5	This course introduces the concepts of digital logic and PLC Ladder Logic Programming. Digital number systems and basic logic gates are covered. Students will gain an understanding of modern, industry-standard PLC hardware and software to enable them to use PLCs effectively. Laboratory work includes the use of industrial robot arms to perform various independent functions such as assembly and material handling processes. Other equipment studied includes motion control devices, such as motors and sensors, conveyors and parts feeder mechanisms, use of vision systems as well as other automation equipment used in manufacturing.
5617	Digital Electronics	1.0	Digital Electronics is a one-year course exploring the principles and concepts of digital electronics and the study of basic building blocks of digital systems. The course introduces the student to the applied logic that encompasses the application of electronic circuits and devices. Computer simulation software is used to design and test digital circuitry prior to the actual construction of circuits and devices. Students will learn to build and program robots and use advanced micro controllers.

Senior Year Courses

Course ID	Course Name	Credits	Description
5223	College Prep English	1.0	This course focuses on skills that will make the transition from high school to college smoother. College Prep English is a course designed for students who desire to learn how to write the type of papers required in college, and to improve writing techniques. Discussion, listening, and the critical analysis of literature and informational text are major components of this course.
5545 5546	CISCO Computer Networking I/II	.5 each	These courses teach students the skills needed to obtain entry-level home network installer jobs. It also helps students develop skills needed to become network technicians, computer technicians, cable installers, and help desk technicians. It provides a hands-on introduction to networking and the Internet using tools including PC installation, Internet connectivity, wireless connectivity, file and print sharing, and the installation of game consoles, scanners, and cameras.
5621	Engineering Design Capstone	1.0	Students will complete a capstone project in which they will work closely with industry partners to research, design, test and build a solution to a problem. Students will gain industry experience through work-based learning such as job shadows and interviews. This course follows an industry model to prepare students to recognize a need for product or service, create and work in a team; identify competition, patent overlap, and necessary resources, generate a project proposal that accounts for business issues, prepare a design, develop and fabricate the product, develop a test plan to evaluate the product, and prepare and deliver a final report and presentation.

Health Science Academy

The La Crosse Health Science Academy is a two-year program that will provide thematic instruction, career exploration, job shadows, clinical experience, health science labs, mentoring by health professionals, research, certification, and internship opportunities for students. Instruction for the La Crosse Health Science Academy takes place at the Health Science Center near the UW-La Crosse campus as well as field experiences in area health care facilities. Students spend 3 class periods in the Academy with remaining credits during the day taken at their home high schools. Health Science Academy applications are due March 1.

Junior Year Courses

Course ID	Course Name	Credits	Description
2000	Anatomy and Physiology	1.0	This course is designed to extensively survey the anatomy/physiology of the human body. All systems of the human body will be studied. Labs are conducted at UWL. Medical terminology will be introduced.
2374	AP Psychology	1.0	The Advanced Placement Program offers a course and exam in psychology to qualified students who wish to complete studies in secondary school equivalent to an introductory college course in psychology. The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice.
2001	Health Occupations I	.5	Health Occupation students participate in field experiences, tours and individual job shadows. Students explore a variety of careers in healthcare.
2420	Exercise Physiology	.5	Exercise Physiology is designed for the Academy student to coordinate content learned in the classroom to activities at the YMCA. Students will be infusing low impact activities and technology to monitor their health and participation. Students will be introduced to a variety of units that are designed to promote lifetime activities

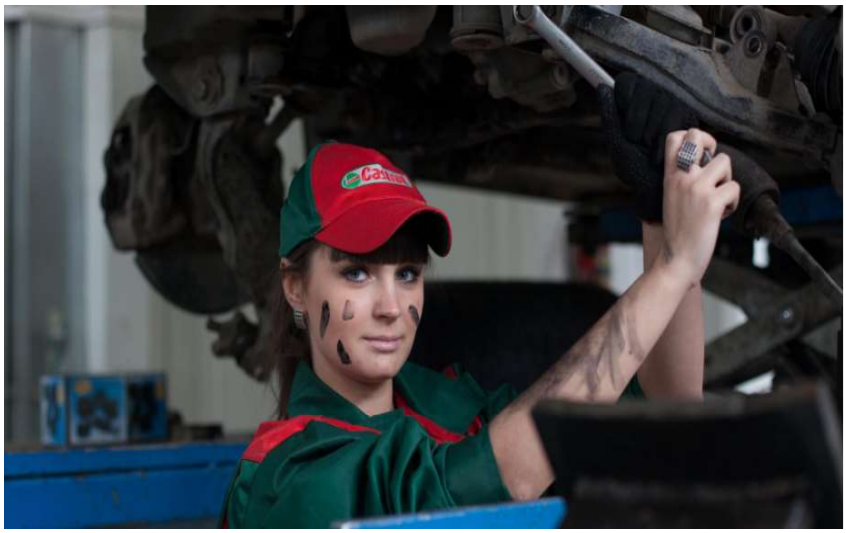
Senior Year Courses

Course ID	Course Name	Credits	Description
2012	Advanced Anatomy and Physiology	1.0	This course is designed to continue to survey the anatomy/physiology of the human body. All systems of the human body will be studied. This course will be expanded to include medical terminology and applications for health care professionals as part of the Health Science Academy. Labs are conducted at UWL.
2015	Health Occupations Advanced	1.0	Health Occupation students participate in field experiences, tours and individual job shadows. Students have the opportunity to select specialized areas of study in Nursing Assistant, Pharmacy Tech, Emergency Medical Response (all of which could include certifications) or in Medical Mentorship. Students will continue their career portfolio
2003	Medical Terminology	.5	This course introduces students to the essential medical terminology used for health care professionals. The course is transcripted with Western Technical College.
2359	Global Issues In Health Care *Transcripted Credit Available	.5	Global Issues is a flexible and topical course focusing on current events including their development and future implications. Possible topics may include nuclear issues, population, terrorism, human rights, the environment, women's issues, and other newsworthy topics.

Optional summer courses are available for students enrolled in HSA including Global Partners and CNA. Please contact Health Science Academy supervisor for further information.

Additional Academy Options

The School District of La Crosse has partnered with other local education institutions to offer additional academy options. Please see your school counselor if interested.



Information Technology Academy

The IT Academy is a two year academy focused on information technology and programming. Academy participants may take classes taught by Western faculty on Western's La Crosse campus or experience the full class via face-to-face virtual format. Upon completion ofthe two-year academy, students will earn 12 college credits that are part of the Computer Support Specialist, Computer Support Technician, and Web and Software Developer programs.

Mechanical Electrical or Technology Academy

The MET Academy is a two-year academy which explores engineering applications for various industries. Academy participants take classes taught by Western faculty on Western's La Crosse campus. Complete this two-year academy to earn 10 college credits.

Automotive and Diesel Technician Training Program

The Automotive and Diesel Technician Training Program provides a focused, rigorous, and relevant educations opportunity for students who have a passion for teh industrial technology areas. This academy provides year round opportunity taking advantage of off campus educational opportunities at various job sites. The academy utilizes the Student ASE competencies to ensure training in industry developed and approved career specific tasks.

La Crosse eScholars
Your Online Learning Program

The La Crosse School District offers students the opportunity to participate in online learning courses to better serve individual needs and to create an avenue for equipping students with the 21st Century Skills they will need throughout their lives.

The district has a menu of its own online courses to offer a wide selection of viable, quality course options that satisfy the Wisconsin academic standards. Students enrolled full-time in the school district through traditional and/or online courses are eligible to participate in all co-curricular and extra curricular activities. These online learning options will provide the following features:

- Relevant, rigorous coursework completed in flexible locations (home, school, library, etc.)
- Satisfaction of district graduation requirements
- High quality, interactive courses aligned to state and national standards
- Specific online courses to provide more flexible scheduling
- Online course registration offered during each school's regular course registration process
- Opportunities for students who may be unable to participate in a traditional educational setting
- Modified rates of learning to accommodate students in traditional, accelerated, credit recovery, or extended environments (e.g., home-based and homebound)
- Preparation for a future in post-secondary educational and work environments

Course Information

Students in the School District of La Crosse have access to both locally facilitated online courses as well as those in the statewide network. Students interested in taking an online course should register on the course selection sheets at their schools as that information will be more up-to-date. Other on-line options exist via the Wisconsin eSchool Network. Please see your school counselor for more details.

eScholars Online Course Catalog

Students in a full-time, home-based learning environment have access to all available online coursework. Students residing within district boundaries who are currently open enrolled in a full-time virtual school are eligible to transfer to the district's full-time online program.