



ACADEMIC & CAREER *Planning Guide*

LAKE MILLS HIGH SCHOOL 2026-2027



LAKE MILLS HIGH SCHOOL

This Academic and Career Planning Guide is designed to help you in making informed, intentional decisions about your high school coursework. Inside, you'll find comprehensive descriptions of the classes offered at Lake Mills High School, along with key information to support thoughtful planning for both your high school experience and your post-graduation goals.

Throughout your time at LMHS, you will complete required courses that build a strong academic foundation and help you develop into a well-rounded, capable learner. Beyond these requirements, a wide range of elective courses allows you to explore emerging interests, deepen your skills, and align your studies with your future college, career, and life goals.

Your academic choices—combined with experiences outside the classroom, involvement in activities, and the personal goals you set—will shape the opportunities available to you after high school. As you grow and your goals evolve, it's important to revisit your plans regularly, reflect on your progress, and adjust your path to ensure you are prepared for continued education, technical training, the workforce, or other post-high school pursuits.

As you review this guide, consider the following goal-setting questions:

- What subjects or activities spark your curiosity and keep you motivated?
- What strengths, talents, or skills might point toward a future career path?
- What lifestyle, work environment, and schedule align with the future you envision?
- What level or type of education or training is required for the career or path you're considering?

All courses listed in this guide are expected to be available during the 2026–2027 school year. However, final offerings may vary based on student interest, enrollment numbers, and scheduling considerations.

We are excited to support your growth, exploration, and success. Here's to a meaningful and rewarding school year for every Lake Mills High School student!

PUPIL NON-DISCRIMINATION STATEMENT

The Board is committed to providing an equal educational opportunity for all students in the District. The Board does not discriminate on the basis of race, color, religion, national origin, ancestry, creed, pregnancy, marital status, parental status, sexual orientation, sex, (including gender status, change of sex or gender identity), or physical, mental, emotional, or learning disability (Protected Classes) in any of its student program and activities.

Please see complete Board Policy po2260.

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STAY *connected*

Skyward Family Access

Utilize Family Access to view progress reports, grades and assignments, lunch accounts, messages, and newsletters.

Websites

- **High School Homepage:**
<https://lmhs.lakemills.k12.wi.us/>
 - **Daily Bulletins posted by 9:25 each day**
- **Counseling Department**
 - **College & Career Planning**
 - **Academic Planning**
 - **Mental Health Resources**

Social Media

- **Facebook:** **Lake Mills Area School District-WI**
- **Twitter:**
 - **@LakeMillsSD**
 - **Vogel_LMHS-Updates from Principal Vogel**
 - **@LcatsAthletics-Updates on LMHS Athletics**
- **Instagram:**
 - **lakemillsareasd**
 - **Check out the individual athletic and extracurricular social media pages**

MISSION & vision

OUR MISSION

Preparing all of today's students for tomorrow's opportunities

OUR VISION

A community passionate about inspiring all learners



OUR VALUES

RESPECT
RESPONSIBILITY
HONESTY
COURAGE
COMPASSION

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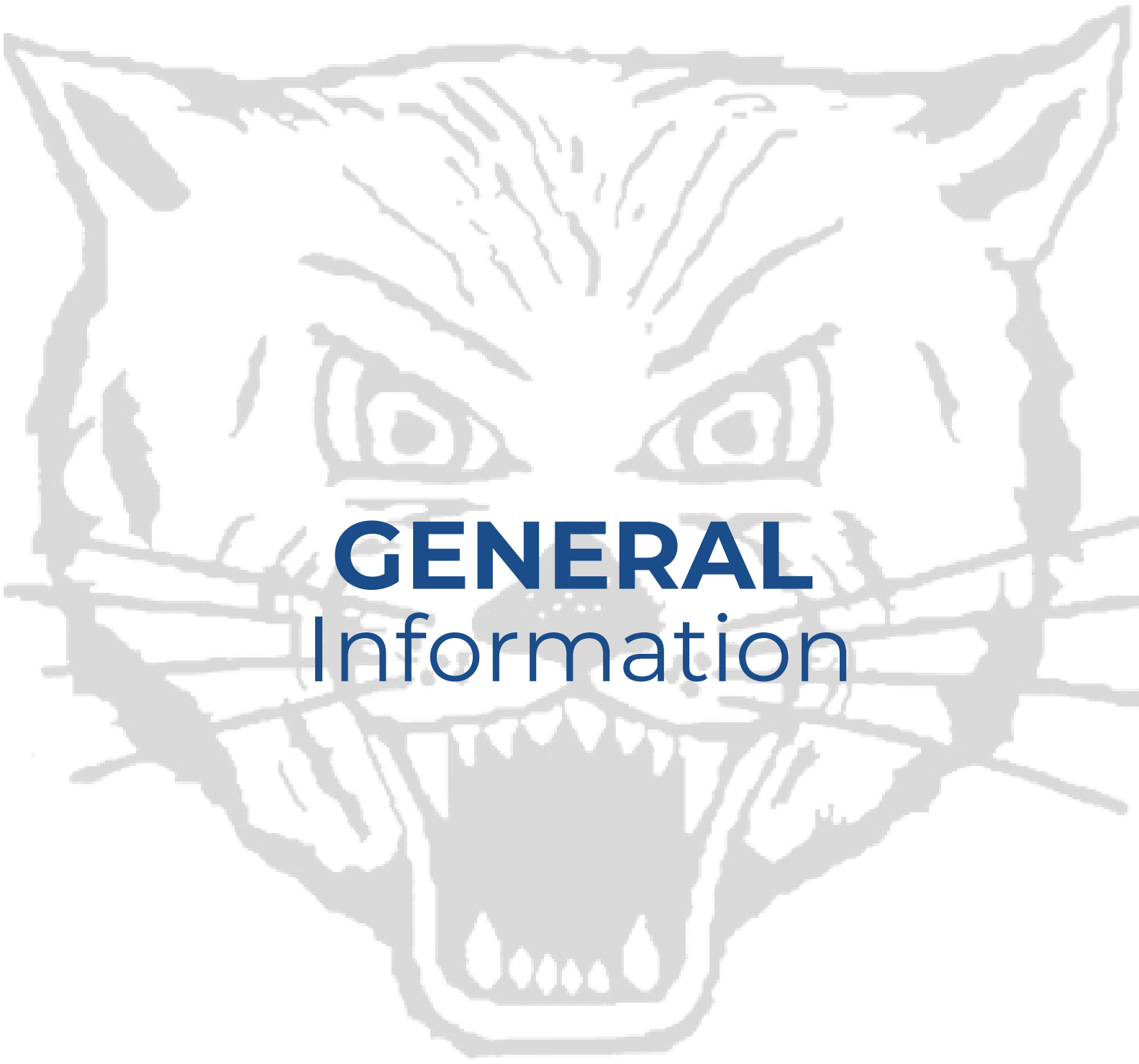
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GENERAL Information

GENERAL *Information*

SCHEDULE CHANGE POLICY

Please carefully select your courses, as LMHS uses student requests to determine staffing and the schedule for the upcoming year. Note that requests for course changes will be limited in 2026-2027.

Choosing courses thoughtfully is crucial. Every effort is made to honor the courses selected during registration. Schedule change forms are available online. It's important to understand the significance of course selection and the strict policy on schedule changes, along with the schedule change timeline and form.

Counselors and administrators will evaluate the rationale for any schedule changes. The school administration reserves the right to approve or deny requests.

Here are examples of appropriate and inappropriate schedule change requests:

Appropriate	Inappropriate
• I'm not in the correct level placement. • I have not taken the prerequisite for a certain class. • A core class is missing from my schedule. • I need to fulfill a graduation requirement. • I already took this class.	• I want a different teacher. • I don't know anyone in the class. • I want to move my class to a different section. • I'm no longer interested in this class.

GENERAL *Information*

VIRTUAL CLASSES-L-Cats Online (LCO)

Lake Mills High School offers virtual courses to provide flexible learning opportunities for students in grades 10–12. These courses may be selected only when a comparable course is not available within the district. Students enrolling in a virtual course must demonstrate time-management skills, self-motivation, and appropriate online conduct.

- Students must have earned a grade of C or higher in all courses during the previous semester.
- Only one virtual course may be taken per semester.
- Students who withdraw from a virtual course after enrollment will be billed the full course cost of \$295.
- Failure to complete or pass a virtual course will result in ineligibility for future virtual course enrollment.
- Virtual courses are listed in the Course Index and identified with (online).
- Students will receive an S/U grade at the end of the 1st and 3rd quarters based on completion of all required activities by the midterm due date and maintaining a minimum overall grade of 60%.

GLOBAL SCHOLARS

Lake Mills High School offers students the opportunity to be a Global Scholar, as defined by the Wisconsin Department of Public Instruction (DPI). This certificate recognizes students who demonstrate a strong interest in global issues through completion of a globally focused curriculum and participation in co-curricular activities that promote global competence. Students may be designated as Wisconsin Global Scholars upon graduation if they successfully meet the following requirements:

- Three (3) credits in one world language.
- Five (5) credits in courses of global content. One of those credits may be a 4th consecutive year of world language. Additional credits can include a second world language. Follow this link: <https://sites.google.com/a/lakemills.k12.wi.us/lmhs-geac/> or see the high school website for the course list.
- Reflections on eight books (fiction or nonfiction) with global content. Alternatively, up to four reflections may be on art, music or film.
- Participation in school-wide global activities.
- A minimum of twenty (20) hours of global service learning.

GRADUATION REQUIREMENTS

REQUIRED CREDITS:

English	4.0
Math	3.0
Science	3.0
Social Studies	3.0
Physical Education	1.5
Health (includes 7 th grade health)	0.5
Personal Finance	0.5

Total	15.5
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ELECTIVE CREDITS:

+10.5

TOTAL CREDITS TO GRADUATE	26.0
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**Three or more consecutive years of Math and Science
are strongly recommended**

***STUDENTS SHOULD CLOSELY REVIEW REQUIREMENTS
FOR THEIR POST-SECONDARY PLANS.***

**Students are responsible for completing
all necessary requirements for graduation.**

LMHS COURSE REQUIREMENTS

All Lake Mills High School graduates must complete a minimum of 26 credits - requirements plus electives

GRADE 9:

- English 9
- Math
- Biology/Global Science
- World History
- Health
- PE 9

GRADE 10:

- English 10
- Math
- Science
- US History 10
- PE 10/Strength

GRADE 11:

- English 11
- Math
- US History 11 & Current Issues OR AP US History
- Physical Education

GRADE 12:

- English Elective
- Personal Finance (may be taken in 11-12 grade)
- Physical Education

INDUSTRY CERTIFICATIONS

An industry certification is a credential recognized by business and industry at the local, state, or national level. Industry certifications allow students to demonstrate mastery of knowledge and/or skills. They can increase job prospects, marketability to employers and employability, as well as options for postsecondary education.

Industry Certifications Offered at LMHS include:

● Youth Apprenticeship ● Microsoft Office Associate ● Sawblade/Core Certification ● OSHA 10 General Industry ● Automotive Service Education (ASE)

DUAL CREDIT OPPORTUNITIES

Dual Credit (DC) classes are college-level courses taught at high schools by qualified teachers. Students earn college credits by passing the courses. Grades appear on a college transcript.

The courses currently available for DC are:

LMHS Course	Madison College Equivalent (credit)
Accounting	Accounting 1-Principles (4)
Metals 2	Basic Gas Metal Arc Welding (2)
Biotechnology & Forensic Science	Biotechnology Applications (2)
Construction 2	Fundamentals of Construction (3)
Math Reasoning	Mathematical Reasoning (3)
Medical Terminology	Medical Terminology (3)
Woods 2	Woodworking 1A: Mach & Methods
Computer Essentials	MS Office for Business Apps (3) Keyboard Skillbuilding (1)
Personal Finance	Personal Finance (3)
Social Media Marketing	Social Media Marketing (3)
LMHS Course	Transcripted Credit
French 5 DC	UW-Green Bay (3)
English 104: Intro to Literature	UW-Green Bay (3)

COLLEGE CREDIT *in high school*

EARLY COLLEGE CREDIT PROGRAM (ECCP)

START COLLEGE NOW (SCN)

Description	Allows Wisconsin Public and private high school students to take on or more courses at an institution of higher education for high school and/or college credit. (118.55)	Allows WI public school students that have completed 10th grade to have the option to take courses at a technical college. (38.12 (14))
Location	- IHE (Institute of Higher Education) includes: - UW System institutions - Tribally controlled colleges - Private nonprofit institutions of higher education	Wisconsin Technical Colleges
Taught By & Eligible Grades	College Instructor 9-12	College Instructor 11-12
Application & Deadline	Student must submit a Early College Credit application that notifies the school board of intent to enroll in the technical college by the application deadline. Application deadlines: - March 1 - for upcoming Fall & Summer semesters - October 1 - for upcoming Spring semester Students must submit a new application for each term. Students also must apply to UW ECCP School	Student must submit a Start College Now application that notifies the school board of intent to enroll in the technical college by the application deadline. Application deadlines: - March 1 - for upcoming Fall semester - October 1 - for upcoming Spring semester Students must submit a new application for each term.
Requirements	Course requests may be denied if: - The course doesn't satisfy a high school graduation requirement - The District offers a comparable course appeals must be filed within 30 days of receiving the decision Maximum of 18 credits between ECCP and SCN. Admission requirements set by post-secondary school. Students may not enroll in ECCP and SCN during the same semester/term.	
Credits	Grades are earned through the colleges awarding the credit Grades are recorded on student transcript at the IHE and the High School Earn .25 high school credit per 1.0 credit offered by the post-secondary	
Cost	- Transportation is your responsibility - Books are covered by the district - Student/Parent are responsible for reimbursement to LMASD if student fails the course	- Transportation is your responsibility - Student pays for background check - Books are covered by the district - Student/Parent are responsible for reimbursement to LMASD if student fails the course



ACADEMIC & CAREER PLANNING

ACADEMIC & CAREER PLANNING

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ACADEMIC & CAREER

Planning (ACP)

WHAT IS ACP?

Academic and Career Planning (ACP) is a student-led, adult-supported process that helps learners create and update their plans for life after high school. College, Career, and Life Ready Lessons (CCLR) are designed to teach students self-exploration, career exploration, and planning skills, where students develop informed goals for their future.



ACP supports the Department of Public Instruction's goal for all students to graduate ready for college, career, and life. It helps students build skills like critical thinking, teamwork, problem-solving, and perseverance so they can become confident, capable adults prepared for meaningful careers.

PORTFOLIO REQUIREMENTS

All students will complete an Academic Career Planning Portfolio as a graduation requirement. Students will partake in required lessons during CCLR each month and complete lessons and activities that aid in completion of the portfolio requirement. Students will also be able to self select activities, achievements, and evidence of applied learning.

Student Introduction

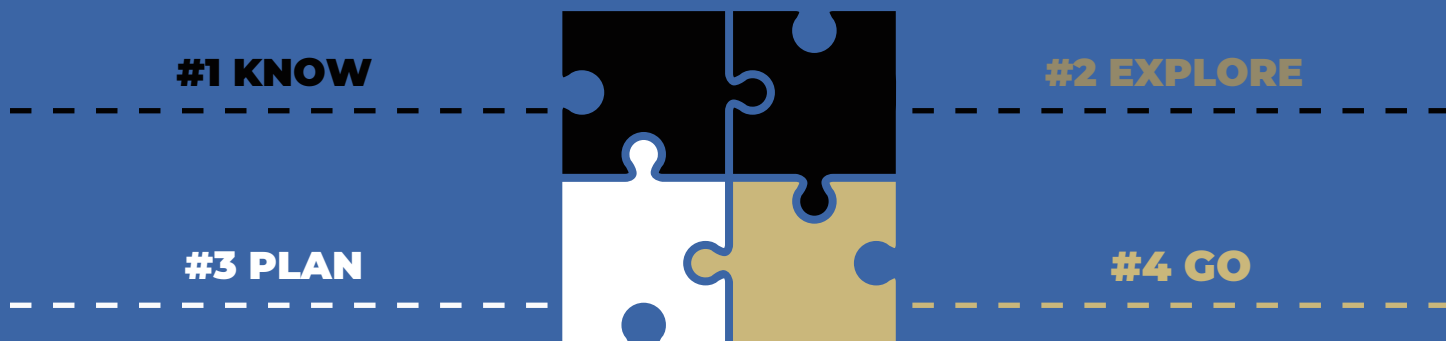
- Personal Vision Statement
- Learner Profile
- College and Career Ready Report Card
- Resume
- Cover Letter
- Volunteer Experience Reflection
- Post High School Plan
- Personal Experience Reflection
- Final Reflection Paper

Points of Pride (10 total)

- Minimum of 4 academic
- Recognitions/honors/awards/letter of recommendation

ACPMModel

4 Stages to Successful Academic and Career Planning for Students:



KNOW

Understand your own interests, strengths, values, learning styles.

- What am I curious about?
- What drives me?
- What personal, academic, employability and transferable skills do I have?
- What are my strongest skills?
- What are my academic, personal, and goals?
- What is my preferred learning style?
- What academic, career or life skills do I want to develop before I graduate?
- Who do I feel is on my personal “board of directors”?
- What are my values?
- What are my strongest character traits?
- Which character traits do I need to develop further?
- How do I define my moral performance character?
- How can I connect to my school community?
- How do I know where to go for help?

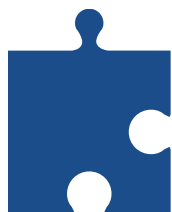


EXPLORE

Create a vision of your future. Explore career pathways and education opportunities.

- Which Career Clusters and/or Pathways am I most interested in and why?
- Are there any specific career interests that interest me?
- What type of degree do I need to support my post-secondary goal or career interest area?
- Does my career choice support what I want for my financial future?
- What are capstone learning opportunities I can leverage while in high school?
- What career based learning opportunities do I want to explore to learn more about career and post-secondary options?
- What courses can I take that will help me explore my interests?
- What resources and experiences will I use to explore and research career options?
- How do I take care of myself?
- How do I connect with my inner self?

ACPM*Model*



PLAN

Set goals, choose courses, join clubs and activities, fill out applications, write resumes.



GO

Recalculate as needed. Prepare a personal plan for achieving your vision and goals.

-
- What skills and work-based experiences should I pursue?
 - Who could mentor me as I explore future opportunities?
 - What credentials should I consider?
 - If I take a gap year, what's my plan?
 - How will I reach my goals and track my progress?
 - Which postsecondary path fits me best?

College:

- Which schools offer degrees related to my career interest?
- What high school credits are required for admission?
- What makes a competitive application (courses, ACT, GPA, etc.)?
- Should I take advanced or college-credit courses (AP, ECCP, SCN)?
- What are the costs and available financial aid options?

Employment:

- Does my employer offer education benefits or advancement opportunities?
- Will this job meet my financial goals and lifestyle needs?

Military:

- How and where can I take the ASVAB, and what scores are required?
- When can I meet with a recruiter?
- What career options and long-term benefits are available?

Apprenticeship:

- Where can I learn more about local registered apprenticeships?
- How do I contact an apprenticeship representative?

Next Steps and Reflection

- What are my next steps toward my goal?
- What alternate pathways could help me get there?
- What are my Plan A, B, and C?
- What skills do I need to strengthen in case I need to adjust my plan?

Reflect and Revise

- Review and adjust course selections as needed.
- Revisit and update personal goals.
- Meet with counselors and/or parents to discuss progress and next steps.

YOUR PATH TO SUCCESS

IDENTIFY

your strengths, interests, and values to better understand yourself

DEVELOP

self-awareness to make informed academic and personal choices

BUILD

relationships with peers and adults who can support your growth

9

GRADE 9

- Learn about the things that can affect your career choices
- Build good habits and skills to do well in school
- Figure out what's important to you when choosing a career
- Find out what resources at school can help you succeed
- Explore different activities and opportunities on campus

YOUR PATH TO SUCCESS

ENGAGE

in experiences that expose you to new ideas, subjects, and fields

CONNECT

with mentors and professionals to learn from their experiences

COMPARE

pathways to understand the education or training each requires

10

GRADE 10

- Understand the workplace skills and attitudes employers value
- Identify personal values that can guide your career path
- Explore and compare all post-secondary pathways, including college, trades, and careers

ANNUAL ACP RELATED ACTIVITIES FOR ALL GRADES

- Career Interest survey
- Personality Style survey
- Learning Style survey
- Career Cluster explorations
- College & Major exploration
- Career & Apprenticeship exploration
- Interview practice
- Financial Awareness Lessons
- Method Learning-ACT/Pre ACT test prep
- Portfolio work time
- Portfolio information lesson
- Laude information lesson

ACPM Model

YOUR PATH TO SUCCESS

ESTABLISH

academic and personal goals
aligned with your future
aspirations

CREATE

or update your academic and
career plan with next steps in
mind

PREPARE

for post secondary opportunities
through testing, applications, or
experiences

11

GRADE 11

- Learn how to maintain a healthy balance between school, work, and personal life
- Understand how the job market can influence your career decisions
- Explore the potential risks and rewards of starting your own business
- Evaluate different post-secondary options and take part in a college or career experience
- Learn about the financial side of post-secondary education, including FAFSA, loans, grants, and scholarships

YOUR PATH TO SUCCESS

APPLY

skills and knowledge from high
school in practical, real-world
contexts.

DEMONSTRATE

readiness through leadership,
responsibility, and follow-through

TRANSITION

successfully by using your skills,
mindset, and support system to
thrive in what's next

12

GRADE 12

- Understand what makes a job interview successful and practice key interview skills
- Define what success means to you and identify steps to achieve it
- Explore reasons why people change careers and how those transitions happen
- Request and secure personal references or letters of recommendation
- Continue researching the labor market and how it may affect your career plans
- Analyze the financial aspects of different post-secondary options and explore available resources such as FAFSA, loans, grants, and scholarships
- Finalize your Academic and Career Portfolio and ensure all documents are ready for your exit interview

PLAN YOUR PURPOSE *through grades 9-12*

GRADE 9 - KNOW

identify • develop • build

- Connect with your school community — know who to ask for help and where to find support.
- Listen actively — understand others, ask questions, and avoid interrupting.
- Build strong time management and study skills.
- Set career and college goals to guide your future plans.
- Develop social-emotional skills like coping strategies and stress management.
- Understand the importance of your GPA and how it impacts future opportunities.
- Get involved in at least two school activities or organizations each year.
- Explore your interests through volunteering or community service.
- Use Xello to:
- Identify and update your strengths, skills, and interests.
- Reflect on inventories and explore possible career paths.
- Begin building your résumé (activities and organizations).
- Take advantage of extended learning tools like Methodize Test Prep.
- Practice digital literacy and responsible technology use.
- Review your credits and create a personalized course plan that includes post-secondary goals.
- Take the PreACT Secure and understand how it connects to the ACT.
- Engage fully in your classes and academic practice.
- Complete required elements for your Academic and Career Planning Portfolio.
- Find supportive mentors who can guide your academic and career journey.
- Explore summer opportunities such as classes, camps, or experiential learning programs.

GRADE 10 - EXPLORE

engage • connect • compare

- Set a college and career goal and track your progress
- Consider taking the PSAT/NMSQT to explore your academic strengths and career possibilities.
- Discuss post-high school options with your parent or guardian.
- Review your assessment results (PreACT Secure 9/10) to identify areas for growth.
- Explore options in Xello and other career tools:
- Discover interests and post-secondary pathways.
- Learn requirements for careers that interest you.
- Research college costs, scholarships, and financial aid.
- Update your activities résumé with school, work, or volunteer experiences.
- Review credits and plan your courses to build a 4–6 year plan aligned with your post-secondary goals.
- Explore capstone or work-based learning experiences such as job shadowing, service learning, Youth Apprenticeship, or a related summer job.
- Find supportive mentors to help guide your academic and career journey.
- Get involved in at least two school activities or organizations each year.
- Practice social-emotional skills like coping strategies and stress management.
- Monitor your GPA and academic progress throughout the year.
- Build your digital literacy and practice responsible technology use.
- Complete required elements of your Academic and Career Planning (ACP) Portfolio.

PLAN YOUR PURPOSE *through grades 9-12*

GRADE 11 - PLAN

establish • create • prepare

- Take career and college readiness tests like the PSAT/NMSQT or ACT
- Explore college credit options through Start College Now or Early College Credit Program classes.
- Review your test scores and understand how they can shape your post-secondary plans.
- Visit a college or industry site to learn more about real-world opportunities.
- Explore hands-on experiences like job shadowing, service learning, Youth Apprenticeship, or a career-related summer job.
- Update your résumé and write a cover letter.
- Take advantage of ACT prep opportunities to improve your test performance.
- Find people who can serve as references or write letters of recommendation.
- Identify mentors who can support your academic and career goals.
- Stay involved in at least two school activities or organizations each year.
- Practice social-emotional skills like coping with stress and managing challenges.
- Monitor your GPA and keep track of your academic progress.
- Complete your Academic and Career Planning (ACP) Portfolio requirements.
- Be a responsible digital citizen — use technology safely and professionally.
- Build employability and life skills such as communication, teamwork, and reliability.
- Update your post-secondary plan as your goals and interests grow.
- Research scholarship opportunities for college or Registered Apprenticeships.

GRADE 12 - GO

apply • demonstrate • transition

- Take college credit courses to get a head start on your future.
- Review and understand your transcript to make sure you're on track to graduate.
- Use labor market research to make informed career and post-secondary choices.
- Visit a college or industry site to explore real-world opportunities.
- Participate in capstone or work-based learning, job shadowing, service learning, Youth Apprenticeship, or a related summer job.
- Update your résumé and write a professional cover letter.
- Secure references and letters of recommendation.
- Plan for college costs — complete FAFSA and research scholarships or apprenticeships.
- Connect with mentors who can guide your academic and career planning.
- Stay active — participate in at least two school activities or organizations each year.
- Practice social-emotional skills like stress management and resilience.
- Complete your Academic and Career Planning (ACP) Portfolio.
- Be a responsible digital citizen.
- Strengthen employability and life skills.
- Apply to colleges and send transcripts and test scores.
- Research and apply for scholarships or apprenticeship programs.
- Graduate and celebrate your success!

GET *involved*

CLUBS/ORGANIZATIONS

- Art Club
- AFS/International Club
- Brothers and Sisters in Christ (BASIC)
- Battle of the Books (BOB)
- CamRock Mountain Bike Club
- Capitol Conference Academic Team (CCAT)
- Chess Club
- Color Guard
- Drama Club
- Fall Musical
- FBLA
- Forensics
- FFA
- Gaming Club
- Gay-Straight Alliance (GSA)
- Global Scholars
- Interact
- Jazz Band
- Junior Optimist
- Lake Mills Loopers
- Lake Mills United
- The Lariat
- Link Crew
- Math Team
- Model United Nations (MUN)
- National Honor Society (NHS)
- Pop Strings
- Powerlifting
- Show Choir
- Spanish Club
- Spring Play
- Student Council Class Officers
- Student Council Representatives
- Student Leadership & Athletic Advisory Council (SLAAC)
- Tri-M Music Honor Society
- Visual Arts Classic (VAC)
- Yearbook
- Young and Old Stick Together (YOST)

ATHLETICS

BASEBALL

GOLF

TRACK AND FIELD

BASKETBALL

SOCCER

VOLLEYBALL

CROSS COUNTRY

SOFTBALL

WRESTLING

FOOTBALL

TENNIS

REDEFINING *Ready*

Students learn in many different ways, and they should also be able to show their readiness in many different ways. Redefining Ready is a national initiative that uses well-researched measures to show when students are truly college, career, and life ready.

At LMHS, students regularly reflect on and assess their readiness through Academic and Career Planning (ACP) lessons each year.

For more information, visit www.redefiningready.org.

CAREER READY INDICATORS

Students are **Career Ready** if they have **identified a career interest** AND **meet two of the behavioral and experiential benchmarks** listed below.

- 90% attendance
- 25 hours community service
- YA Participation
- Industry certification earned
- Dual Credit Course completion
- 2 or more Co-Curricular Activities per year in grades 9-12

LIFE READY INDICATORS

Being Life Ready means graduating with the confidence, determination, and perseverance to reach your goals.

Life Ready students know themselves, manage their emotions, make responsible choices, build positive relationships, and understand others. They have a growth mindset that inspires them to take on challenges, dream big, and achieve big.

Our school helps students develop these life skills by providing support and real-world experiences that prepare them to succeed—both now and in the future.

COLLEGE READY INDICATORS

Students are **College Ready** if they meet either the **academic indicators** OR **standardized testing** benchmarks listed below.

2.8 GPA and one or more of the following:

- Algebra II or Adv. Algebra & Trig (C or higher)
- Advanced Placement Exam (3+)
- Dual Credit Courses (C or higher)

OR

- 21 + on ACT
- ACT Benchmark Scores (*must meet all 4 benchmarks*)
 - English (18)
 - Reading (22)
 - Science (23)
 - Math (22)



POST-SECONDARY *Planning*

Following are the minimum requirements students must complete for acceptance into the designated areas. **Many universities and technical programs require a more rigorous preparation than these minimum lists indicate.** Courses selected during high school impact opportunities that are available after graduation. Post-secondary programs carefully consider a student's preparation when determining admission.

	4 YEAR COLLEGE	TECHNICAL COLLEGE	MILITARY SERVICE	EMPLOYMENT	APPRENTICESHIP
GENERAL INFORMATION	Colleges recommend additional credits in the core area for admission. Selective colleges will expect additional credits beyond the minimum	Provide affordable career-oriented programs for many skills jobs. Small class size, flexible scheduling and a high job placement rate are all attractive features. Students spend class time in job-related settings where they receive hands-on training from experienced instructors.	Students choosing to enlist in a branch of the military will need to have the following: - High School Diploma - Physical examination - ASVAB test (Vocational Inventory) required.	Students may choose to enter into employment as an initial step after graduation. Industry Certifications and prior work experience are added benefits to students who select this option.	An industry sponsored experience that combines paid on the job training and academic instruction. The components of Registered Apprenticeship Include: - Paid Job Work-Based Learning - Classroom - Learning - Mentorship - Industry Recognized Credential
ADMISSION REQUIREMENTS	Minimum Admission Requirements: - English: 4 credits - Math: 4 Credits- Algebra, Geometry, Algebra II - Science: 3 credits - Social Science: 3 credits - Foreign Language: 3 credits strongly recommended	Entrance requirements <i>(may include others as well as these):</i> - High school diploma or equivalent - ACT or the college's placement exam	ASVAB Test Requirements: Minimum scores are needed for various branches of the military.	Students are encouraged to explore industry certifications, work based learning opportunities, dual credit courses & related pathway coursework to assist in building a solid resume.	Students can enter into the Youth Apprenticeship program while in high school. This creates a bridge into the Registered Apprenticeship (RA) program and begin working toward requirements of the RA program.
ADDITIONAL INFORMATION	Other Factors to Consider - GPA - ACT or SAT - Extracurricular Activities - Community Service - Letters of Recommendation - Academic performance - Course Selections	- Short term programs certifications - Technical Diplomas - One or two year Associate Degrees - Liberal Arts transfer degree programs			
RESOURCES	UW Journey uwjourney.wisconsin.edu/welcome UW Help uwhelp.wisconsin.edu/	Wisconsin Technical College System www.wtcsystem.edu/	Join the Military www.usa.gov/join-military	Job Center of Wisconsin jobcenterofwisconsin.com Wisconomy jobcenterofwisconsin.com/wisconomy	Registered Apprenticeship dwd.wisconsin.gov/apprenticeship/

4 YEAR *planning document*

Name	Post-Secondary Plan:	
Career Interest Areas:	4 year college 2 year college	Military Apprenticeship Employment
Grade 9		
REQUIRED COURSES: ☐ English 9 (1.0) ☐ Math (Recommended Course (1.0) ☐ Biology (1.0) ☐ World History 9 (1.0) ☐ P.E. 9 & Health (.5) ☐ Electives (3.0)	ELECTIVE/ALTERNATES I would like to take:	

Please note the schedule below does not reflect where the classes will end up in your schedule.

**Each blank block represents 0.5 credits, PE is worth 0.25 credit

	Semester 1		Semester 2	
Block	Day 1	Day2	Day 1	Day 2
1				
2				
3				
4				

Clubs/Organizations I'd like to join:

4 YEAR *planning document*

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Name	Post-Secondary Plan:	
Career Interest Areas:	4 year college 2 year college	Military Apprenticeship Employment
Grade 10		
REQUIRED COURSES: ☐ English 10 (1.0) ☐ Math (Recommended Course (1.0) ☐ Physical Science (1.0) ☐ US History 10 (1.0) ☐ P.E. 10 (0.5) ☐ Electives (3.0)	ELECTIVE/ALTERNATES I would like to take:	

Please note the schedule below does not reflect where the classes will end up in your schedule.

****Each blank block represents 0.5 credits, PE is worth 0.25 credit**

	Semester 1		Semester 2	
Block	Day 1	Day2	Day 1	Day 2
1				
2				
3				
4				

Clubs/Organizations I'd like to join:

4 YEAR *planning document* ²⁷

Name	Post-Secondary Plan:	
Career Interest Areas:	4 year college 2 year college	Military Apprenticeship Employment

Grade 11

REQUIRED COURSES:

- ☐ English 11 (1.0)
- ☐ Math (Recommended Course (1.0)
- ☐ Physical Science (1.0)
- ☐ US History 11/APUSH (1.0)
- ☐ P.E. Elective (0.5)
- ☐ Electives (3.0)

ELECTIVE/ALTERNATES I would like to take:

Please note the schedule below does not reflect where the classes will end up in your schedule.

**Each blank block represents 0.5 credits, PE is worth 0.25 credit

	Semester 1		Semester 2	
Block	Day 1	Day2	Day 1	Day 2
1				
2				
3				
4				

Clubs/Organizations I'd like to join:

Additional Capstone Learning Experiences I'd like to explore:

- ☐ Early College Credit
- ☐ Start College Now
- ☐ Dual Credit
- ☐ Youth Apprenticeship

4 YEAR *planning document* 28

Name	Post-Secondary Plan:	
Career Interest Areas:	4 year college 2 year college	Military Apprenticeship Employment
Grade 11		
REQUIRED COURSES: ☐ English Elective (1.0) ☐ Personal Finance (0.5) ☐ P.E. Elective (0.25) ☐ Electives (2.25)	ELECTIVE/ALTERNATES I would like to take:	

Please note the schedule below does not reflect where the classes will end up in your schedule.

****Each blank block represents 0.5 credits, PE is worth 0.25 credit**

	Semester 1		Semester 2	
Block	Day 1	Day2	Day 1	Day 2
1				
2				
3				
4				

Clubs/Organizations I'd like to join:	Additional Capstone Learning Experiences I'd like to explore: ☐ Early College Credit ☐ Start College Now ☐ Dual Credit ☐ Youth Apprenticeship
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Career Pathways

CAREER PATHWAYS

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ADVANCED MANUFACTURING

AGRICULTURE, FOOD & NATURAL RESOURCES

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DIRECT PATIENT CARE

EDUCATION & TRAINING

ENERGY

GOVERNMENT & PUBLIC ADMINISTRATION

HOSPITALITY, CULINARY, & TOURISM

INFORMATION TECHNOLOGY

NON-DIRECT PATIENT CARE

LAW, PUBLIC SAFETY, CORRECTIONS, & SECURITY

SCIENCE, TECHNOLOGY, ENGINEERING, & MATH

TRANSPORTATION, DISTRIBUTION & LOGISTICS

Using innovative technology, such as automation, robotics, computer-aided design, and precision machinery, to produce high-quality products efficiently. It combines engineering, problem-solving, and technical skills to improve production processes and create cutting-edge goods. Jobs often involve operating advanced equipment, designing systems, and maintaining modern manufacturing technologies.

High School Diploma

[Engine/Machine Assembler](#) [General Laborer](#) [Shipping & Receiving Clerk](#) [Finishing \(Paint Tech, Sand/Bead Blasting\)](#)
[Packager](#) [Assembly](#) [Maintenance Mechanic](#)

Certifications &
Licenses

Associate
Degree

Bachelor Degree &
Beyond

Production, Fabrication, & Quality Assurance

- [CNC Machinist](#)
- [Welder](#)
- [Industrial Electrician](#)
- [Industrial Machinery Mechanic](#)
- [Production Technician](#)
- [Quality Control Analysts](#)
- [Field Service Technician](#)

- [Manufacturing Machine Operator](#)
- [CNC Programmer](#)
- [Manufacturing Technician](#)
- [Welder](#)
- [Millwright](#)
- [Industrial Machinery Mechanic](#)
- [Food Science Technician](#)
- [Industrial Electrician](#)

- [Manufacturing Manager](#)
- [Operations Manager](#)
- [Quality Control Systems Managers](#)
- [Industrial Engineer](#)
- [Manufacturing Engineer](#)

Engineering, Design, & Automation

- [Quality Assurance Technician](#)
- [Electronic Service Technician](#)
- [Solderer](#)

- [Electrical Designer](#)
- [Mechanical Designer](#)
- [Electronics Technician](#)
- [CNC Programmer](#)

- [Electrical Engineer](#)
- [Automation Engineer](#)
- [Mechanical Engineer](#)
- [Quality Assurance Engineer](#)
- [Product Designer](#)
- [Process Engineer](#)
- [Chemical Engineer](#)

Industry 4.0

- [Quality Assurance Technician](#)
- [Solderer](#)
- [Robotic Welder](#)
- [Robotics Technician](#)

- [Integration Specialist](#)
- [Cybersecurity Specialist](#)
- [Electronics Engineering Technician](#)
- [Computer Network Specialist](#)
- [Manufacturing Engineer Technician](#)
- [Business Analyst](#)

- [Data Scientist](#)
- [Quality Assurance Engineer](#)
- [Automation Leader](#)
- [Process Engineer](#)
- [Business Intelligence Analyst](#)
- [Computer Scientist](#)
- [Computer Systems Engineer](#)

Using innovative technology, such as automation, robotics, computer-aided design, and precision machinery, to produce high-quality products efficiently. It combines engineering, problem-solving, and technical skills to improve production processes and create cutting-edge goods. Jobs often involve operating advanced equipment, designing systems, and maintaining modern manufacturing technologies.

Certifications & Licenses

Associate Degree

Bachelor Degree & Beyond

Industrial Maintenance

- [Electrical Engineering Technician](#)
- [Industrial Engineering Technician](#)
- [Industrial Maintenance Mechanic](#)

- [Maintenance Manager](#)
- [Robotics Programmer](#)
- [Mechanical Engineering Technician](#)
- [Electrical Engineer Technician](#)
- [Electro-mechanical Technician](#)

- [Industrial Engineer](#)
- [Manufacturing Engineer](#)
- [Electrical Engineer](#)

Supply Chain

- [Robotics Technician](#)
- [Inventory Control](#)
- [Production Planner](#)

- [Logistics Analyst](#)
- [Materials Planner](#)
- [Materials Manager](#)
- [Purchasing Agent](#)

- [Electrical Engineer](#)
- [Automation Engineer](#)
- [Mechanical Engineer](#)
- [Quality Assurance Engineer](#)
- [Product Designer](#)
- [Process Engineer](#)
- [Chemical Engineer](#)

Health, Safety, & Environmental Assurance

- [Environmental Specialist](#)
- [Industrial Engineering Technician](#)

- [Environmental Health and Safety Leader](#)

- [Buyer](#)
- [Supply Chain Analyst](#)
- [Procurement Manager](#)
- [Data Warehouse Analyst](#)
- [Import/Export Specialist](#)
- [Logistics Manager](#)

Registered Apprenticeship

- CNC Technician
- Electrical and Instrumentation Technician
- Electrical Discharge Machining
- Technician Industrial Electrician
- Industrial Manufacturing Technician
- Industrial Pipefitter
- Instrument Mechanic

- Lubrication Technician
- Machinist
- Machine Repairer
- Maintenance Mechanic
- Maintenance Technician
- Mechatronics Technician
- Millwright

- Mold Maker
- Sheet Metal - Industrial
- Tool Maker
- Tool and Die Maker
- Welder-Fabricator
- Millwright/Pipefitter
- Pattern Maker

ADVANCED MANUFACTURING

PATHWAYS

- Production, Fabrication, & Quality Assurance
- Engineering, Design, & Automation
- Industry 4.0
- Industrial Maintenance
- Supply Chain
- Health, Safety, & Environmental Assurance

ACTIVITIES & CLUBS

- FBLA
- Math Team

DUAL CREDIT OPPORTUNITIES

- DC-Metals 2
- DC-Woods 2
- DC-Construction 2
- DC-Accounting
- DC-Computer Essentials
- AP Calculus AB & BC
- AP Statistics

START COLLEGE NOW OPPORTUNITIES

- Basic Industrial Power
- Carpentry Techniques
- Construction Essentials
- Gas Metal Arc Welding
- Welding Fundamentals

DC = Dual Credit

AP = Advanced Placement

- Students must take the College Board AP exam and score a "3" or higher in order to potentially earn college credit

EXPLORE LMHS COURSES

Technology & Engineering

- Intro to Technology & Engineering
- Metals 1
- Woods 1
- Construction 1
- Engineering 1 & 2
- Small Engine Repair
- Night Automotive Technology

WORK-BASED LEARNING

- Youth Apprenticeship

INDUSTRY CERTIFICATIONS

- Microsoft Office Specialist
 - Excel, Word, Outlook, Powerpoint
- OSHA 10
- Sawblade/ Core Certification
- CSWA

Career Exploration Programs

- Findorff Trades Expo
- Industry Tours (Doosan Bobcat, Seljan, Chapter 2)

The agriculture, food, and natural resources career pathway focuses on producing, managing, and protecting the world's food, fiber, and natural environments. It includes careers in farming, animal science, environmental stewardship, food production, and natural resource management.

Hig School
Diploma

Certifications &
Licenses

Associate
Degree

Bachelor Degree
& Beyond

AGRIBUSINESS SYSTEMS

Administrative Assistant Auctioneer Farm Operations Mgr. Shipping & Receiving Clerk	AP/AR Accounting Associate Office Manager Shift Supervisor	Agricultural IT Programmer Ag Marketer/Communicator Agricultural Salesperson Production Manager Supply Chain Associate	Agricultural Educator Agricultural Lawyer Agricultural Lender Commodity Buyer & Trader Controller/CFO
Range \$31,500-\$61,960	Range \$42,410-\$76,700	Range \$51,040-\$125,550	Range \$45,660-\$177,370

ANIMAL SYSTEMS

Non-Farm Animal Caretakers Farmworkers, Farm, Ranch Aquaculture Animals Pet groomer	Artificial Insemination Technician Farm Supervisor Farrier Livestock Hauler	Companion Animal Trainer Veterinary Technician Range \$33,490-\$43,170 Breeding Manager Farm Manager	Feed Specialist/Nutritionist Geneticist Veterinarian
Range \$26,290-\$46,160	Range \$27,400-\$61,960	Range \$46,480-\$105,720	Range \$41,940-\$124,060

ENVIRONMENTAL SERVICE SYSTEMS

Production Technician Machine Operator Material Handler Sanitation Processor Slaughter Processor	Evisceration Processor Food Processing Operator Lab Technician Licensed WI Cheesemaker Maintenance Mechanic Shift Supervisor	Computer Network Spec HACCP Coordinator Quality Assurance Spec. Robotics Technician Storage & Hygiene Coord	Food Scientist Meat Inspector Process Engineer Quality Manager Supply Chain Coordinator
Range \$27,700-\$55,690	Range \$32,270-\$76,700	Range \$32,750-\$81,300	Range \$39,940-\$115,520

FOOD PRODUCTS AND PROCESSING SYSTEMS

Farmworkers, Crops, Nursery, Greenhouse Workers Landscaper Pest Control Workers	Crop Scout Custom Applicator Soil Testing Technician	Seed Sales Nutrient Manager Shipping Coordinator	Agronomist/Crop Spec. Computer Engineer Precision Agriculture Spec. Product Development Safety Specialist
Range \$28,060-50,000	Range \$32,750-57,900	Range \$37,550-82,460	Range \$38,630-94,250

The agriculture, food, and natural resources career pathway focuses on producing, managing, and protecting the world's food, fiber, and natural environments. It includes careers in farming, animal science, environmental stewardship, food production, and natural resource management.

Hig School
Diploma

Certifications &
Licenses

Associate
Degree

Bachelor Degree
& Beyond

NATURAL RESOURCE SYSTEMS

Environmental Systems Fuel Transporter Forest and Conservation Workers Water and Wastewater Treatment Plant Worker Range \$42,000-\$57,000	Sanitation Coordinator Propane and Fuel Transporter Range \$43,000-\$56,000	Environmental Protection Technician Forest and Conservation Technician Environmental Engineering Technologist Range \$49,000-\$58,000	Environmental Manager Environmental Engineer Forester Water/Wastewater Engineer Range \$75,000-\$136,000
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PLANT SYSTEMS

Farmworkers, Crops, Nursery, Greenhouse Workers Landscaper Pest Control Workers Range \$28,060-50,000	Crop Scout Custom Applicator Soil Testing Technician Range \$32,750-57,900	Seed Sales Nutrient Manager Shipping Coordinator Range \$37,550-82,460	Agronomist/Crop Spec. Computer Engineer Precision Agriculture Spec. Product Development Safety Specialist Range \$38,630-94,250
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POWER, STRUCTURAL OR TECHNICAL SYSTEMS

Ag Equipment Operator Customer Service Rep. Parts Sales Specialist Truck Driver Warehouse Clerk Range \$27,030-\$56,160	Diesel Mechanic Heavy Equipment Tech Paint Technician Service Technician Welder Range \$35,370-64,690	Service Manager Fabrication Technician Planner/Scheduler Power Systems Engineer Sales Representative Range \$36,270-\$85,140	Agricultural Engineer Geographic Info System Specialist Mechanical Engineer Precision Equipment Spec. Range \$41,370-\$104,260
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PATHWAYS

- Agribusiness Systems
- Animal Systems
- Biotechnology Systems
- Environmental & Natural Resource Systems
- Food Products & Processing Systems
- Plant Systems
- Power, Structural & Technical Systems

ACTIVITIES & CLUBS

- FFA
- FBLA

DUAL CREDIT OPPORTUNITIES

- DC-Metals 2
- DC-Woods 2
- DC-Accounting
- DC-Computer Essentials
- AP Environmental Science

START COLLEGE NOW OPPORTUNITIES

- [Fox Valley Technical College](#)
- [Southwest Technical College](#)

DC = Dual Credit

AP = Advanced Placement

- Students must take the College Board AP exam and score a "3" or higher in order to potentially earn college credit

EXPLORE LMHS COURSES

Agriculture

- Intro to Agriculture
- Large Animal & Meat Science
- Veterinary Science
- Horticulture & Landscaping
- Ag Science/Food Science
- Ag Business/Farm Management
- Wildlife and Natural Resources

Technology & Engineering

- Intro to Technology & Engineering
- Small Engine Repair

WORK-BASED LEARNING

- Youth Apprenticeship

INDUSTRY CERTIFICATIONS

- Microsoft Office Specialist
 - Excel, Word, Outlook, Powerpoint
- OSHA 10
- Sawblade/ Core Certification CSWA
- Youth Tractor Safety Certification

Career Exploration Programs

National

- Professional Agriculture Student Organization (PAS)
- National FFA Convention Career Show

State:

- World Dairy Expo
- WI Corn/Soy Expo

Regional:

- Midwest Horse Fair
- Campus Tours – FVTC, SWTC, UW –Platteville, UW-Madison

The architecture & construction pathway focuses on designing, planning, managing, building, and maintaining the structures where people live, work, and play. It includes careers in architecture, engineering, construction, and skilled trades such as carpentry, plumbing, and electrical work.

High School
Diploma

Certifications &
Licenses

Associate
Degree

Bachelor Degree
& Beyond

DESIGN/PRE-CONSTRUCTION

Landscape Sales Representative	Civil Engineering (CAD) Tech. Drafting Design Technician Energy Auditor Landscape Technician Retail/Design Consultant	Architectural Design/Drafting Tech Architectural Rendering/Animation BIM/Revit Technician Civil Engineering Technician Cost Estimator Interior Designer Plumbing, HVAC, & Electrical Designer	Architect Architectural Designer BIM Manager Civil Engineer Landscape Architect Structural Engineer Urban and Regional Planner
Range \$ 27,760-\$97,660	Range \$27,760-\$76,880	Range \$36,330-\$83,130	Range \$48,250-\$153,700

GENERAL CONSTRUCTION/SKILLED TRADES

IN THE CONSTRUCTION INDUSTRY, EXPERIENCE IS EQUALLY AS IMPORTANT AS A DEGREE

Carpenter Helper Cement & Concrete Finisher Construction Laborer Floor Finisher Painter Pre-Apprentice Roofer Woodworking Machine Operator	Boiler Operator Cabinet Maker Construction Foreman Rough or Finish Carpenter Solar Installer	Assistant Construction Manager Construction Foreman HVAC Installer-Technician Project Manager Sales Representative	Construction Manager Cost Estimator Engineering Manager Field/Project Engineer Safety Manager Superintendent
Range \$ 32,000-\$70,010	Range \$33,820-\$88,180	Range \$44,710-\$126,100	Range \$47,320-\$153,700

Post-Construction/Maintenance/Operations

Hazardous Materials Removal Workers Supplier Sale	Appliance Technician Account Clerk Computer Technician HVAC Service Technician Low Voltage Technician/Electrician	Computer Network Technician Construction/Building Inspector Facilities Manager Landscape Supervisor	Accountant Electrical Engineer Facilities Manager Mechanical Engineer
Range \$38,020-\$86,430	Range \$31,380-\$74,660	Range \$45,980-\$123,040	Range \$54,850-\$123,040

Registered Apprenticeships

Bricklayer Carpenter Concrete Finisher/Cement Mason Construction Craft Laborer Construction Electrician Environmental Systems Technician & HVAC Installer-Technician	Glazier Heat and Frost Insulator Heavy Equipment Operator/Operating Engineer Ironworker Painter and Decorator Plasterer Plumber Residential Wirer	Roofer and Waterproofor Sheet Metal Worker Sprinkler Fitter Steamfitter Taper and Finisher Telecommunications Installer Tile Setter
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ARCHITECTURE & CONSTRUCTION

PATHWAYS

- Design/Preconstruction
- General Construction/Skilled Trades
- Post-Construction/Maintenance/Operations

ACTIVITIES & CLUBS

- FFA
- FBLA
- Math Team

DUAL CREDIT OPPORTUNITIES

- DC-Metals 2
- DC-Woods 2
- DC-Construction 2
- DC-Math Reasoning
- DC-Accounting
- DC-Computer Essentials
- AP Calculus AB & BC

START COLLEGE NOW OPPORTUNITIES

- Basic Industrial Power
- Carpentry Techniques
- Construction Essentials
- Gas Metal Arc Welding
- Welding Fundamentals

DC = Dual Credit

AP = Advanced Placement

- Students must take the College Board AP exam and score a "3" or higher in order to potentially earn college credit

EXPLORE LMHS COURSES

Math

- Advanced Algebra/Trigonometry

Technology and Engineering

- Intro to Technology & Engineering
- Engineering 1 & 2
- Construction 1 & 2
- Metals Manufacturing 1 & 2
- Woods Manufacturing 1 & 2
- Small Power Equipment

Art

- Drawing 1 & 2

WORK-BASED LEARNING

- Youth Apprenticeship

INDUSTRY CERTIFICATIONS

- Microsoft Office Specialist
 - Excel, Word, Outlook, Powerpoint
- OSHA 10
- Sawblade/ Core Certification CSWA

Career Exploration Programs

- Focus on Energy Career Exploration & Resources
- Big Step (WRTP) Summer Construction Academy
- Inspire Madison Region (Profiles & Career Development Activities)
- Madison College Career Discovery Camps
- UW-Madison Engineering Summer Program
- Construction & Job Site Tours

The architecture & construction pathway focuses on designing, planning, managing, building, and maintaining the structures where people live, work, and play. It includes careers in architecture, engineering, construction, and skilled trades such as carpentry, plumbing, and electrical work.

High School
Diploma

Certifications &
Licenses

Associate
Degree

Bachelor Degree
& Beyond

Audio/Video (AV) Technology & Film

- Lighting Technician
- Camera Operator
- Costume Attendant
- Sound Engineering Technician
- Disc Jockey
- Production Assistant

- Audio and Video (AV) Equipment Technician
- Sound Engineering Technician
- Broadcast Assistant
- Production Assistant (PA)
- Camera Operator
- Lighting Technician

- AV Installation Technician
- Film/ Video Editor
- Sound Engineering Technician
- Broadcast Assistant
- Production Assistant (PA)
- Lighting Technician

- Producer/Director
- Media Technical Director
- Film/Video Editor
- Sound Engineer
- Choreographer
- Animator/ Special Effects Artist
- Broadcast Engineer
- Journalist
- Audio/Video Designer

Journalism & Broadcasting

- Certification by the Society of Broadcast
- Engineers Radio
- Announcing
- Radio Production

- Audio & Recording
- Technology Broadcasting
 - Radio/TV
- Journalism
- Mass Media Communications
- Media Arts

- Advertising
- Broadcasting
- Journalism News
- Editorial Visual
- Communication
- Journalism

Performing Arts

- Costume Attendant
- DJ
- Performer (Soloist, Section Musician, Accompanist)
- Stage Crew

- Lighting Technician
- Piano Tuner
- Sound Technician
- Sales, Marketing

- Arranger, Transcriber
- Broadcaster/ Radio Announcer
- Sound Engineer
- Studio/Private Teacher
- Music Librarian
- Music Department Administrator

- Music Office Coordinator
- Composer, Editor, Proofreader
- Luthier, Instrument Repair
- Music Conductor
- Music Teacher
- Music Therapist
- Executive Director

Printing Technology

- Bookbinder and Bindery Worker
- Graphic and Printing
- Equipment Operator

- Desktop Publishing
- Digital Publishing
- Graphic Communications
- Offset Publishing
- Web Page Design

- Electronic Imaging & Graphics
- Graphic Design
- Media Arts
- Printing Technology
- Visual Publications

- Computer Graphics
- Graphic Design
- Industrial Design
- Printing Management
- Visual Communication & Design

Telecommunications

- Electronics Technology

- Computer and Information Sciences
- Computer Systems Analysis
- Electronics Technology in
- Telecommunications
- Information Technology

- Computer Networking & Telecommunications
- Electronics Engineering
- Operations Technology
- Telecommunications
- Information Technology
- Telecommunications Engineering

Visual Arts

- Photograph Processing Worker

- Commercial Art
- Digital Publishing
- Graphic Art
- Multimedia Photography

- Commercial Art
- Graphic Design
- Interior Design
- Media Arts
- Visual Publications

- Art History
- Fashion Design
- Graphic Design
- Interior Design
- Studio Arts
- Visual Communication

ARTS, A/V TECHNOLOGY & COMMUNICATIONS

PATHWAYS

- A/V Technology & Film
- Printing Technology
- Visual Arts
- Telecommunications
- Performing Arts
- Journalism & Broadcasting

ACTIVITIES & CLUBS

- Art Club
- Drama Club
- Fall Musical
- Jazz Band
- Pop Strings
- Show Choir
- Spring Play
- Tri-M
- VAC
- Yearbook

DUAL CREDIT OPPORTUNITIES

- Computer Essentials
- Woods 2
- Metals 2
- AP Psychology
- AP Art & Design
- AP English Lit/English 104
- French 5 DC
- AP Spanish
- AP United States History

DC = Dual Credit

AP = Advanced Placement

- Students must take the College Board AP exam and score a "3" or higher in order to potentially earn college credit

EXPLORE LMHS COURSES

Business

- Computer Essentials

English

- Communications

Art

- Art Foundations
- Drawing 1 & 2
- Painting & Printmaking 1 & 2
- Ceramics 1 & 2
- Sculpture 1 & 2
- Digital & Adv Digital Photography

Music

- Band
- Orchestra
- Treble/Bass/Concert Choir
- Basic/Intermediate Guitar
- Music Technology
- Intro to Songwriting

Business & IT

- Media Design
- Web Design

Technology & Engineering

- Intro to Tech
- Engineering 1 & 2

WORK-BASED LEARNING

INDUSTRY CERTIFICATIONS

- Microsoft Office Specialist
 - Excel, Word, Outlook, Powerpoint

Career Exploration Programs

- Sing Out! Festival at UW Milwaukee
- Summer Music Camps
- Fine Arts Milwaukee weekends

BUSINESS ADMINISTRATION

The business administration career pathway involves managing and supporting the operations, finances, and strategic planning of organizations. It includes careers in management, accounting, marketing, human resources, and entrepreneurship.

High School Diploma

Certifications & Licenses

Associate Degree

Bachelor Degree & Beyond

Finance (IAC Code 52.03)

Collections Specialist Financial Services Representative Loan Processor Accounting Assistant Bank Teller Title Examiners, Abstractors, & Searchers Customer Service Representative - Insurance Claims & Policy Processing Clerks*	Payroll Specialist Loan Counselor Financial Planning Assistant Claims Assistant/Adjuster Bookkeeper Insurance Sales Real Estate Assessor/Appraiser	Contract Specialist Financial Analyst Account Manager Insurance Agent Insurance Underwriter Loan Underwriter Mortgage Broker Fraud and Loss Specialist/Investigator Revenue Agent	Accountant / Auditor Loan Officer Financial Manager Forensic Accountant Financial Research Analyst Investment Portfolio Manager Investment Trader Actuary Personal Financial Advisor/Counselor Risk Management Specialist Business Systems Analyst
Range \$27,680-\$73,680	Range \$31,200-\$87,280	Range \$37,260-\$95,280	

Management (IAC Code 52.99)

Receptionist First Line Supervisors Customs Broker Gaming Supervisor Data entry specialist Customer Service Representative	Office Assistant Technical Writer Business Operations Specialist Human Resources - Recruiter	Administrative Professional Executive Administrative Assistant Administrative Services Manager Office Manager Paralegal & Legal Assistant Business Analyst/Project Manager Credit Manager Operations Manager Account Executive Information Systems Specialist Human Resources	Executive Director General Manager Training and Development Specialist Office/Administrative Services Manager Human Resource Manager Compensation and Benefits Manager Logistics Manager Non-Profit Management Supply Chain Management Procurement Agent Project Manager
Range \$27,680-\$73,680	Range \$44,160-\$91,800	Range \$37,890-\$102,980	Range \$47,510-\$185,580

Marketing (IAC Code 52.14)

Retail Salesperson Inside Sales Online Merchant Brand Ambassador Marketing Research Assistant Entry Level Writer/Editor Customer Service Representative	Sales Representative Real Estate Sales Agent Visual Merchandiser Social Media Specialist Search Engine Optimization Specialist Marketing Internship	Customer Service Manager Event Planner Marketing Coordinator Fundraiser Public Relations Specialist Social Media Manager Project Management Specialist Communications Specialist Assistant Product Manager	Sales Manager Purchasing Manager Product/Brand Manager Public Relations Manager Marketing Analyst Marketing Strategist Development Director Project/Marketing Manager
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BUSINESS ADMINISTRATION

PATHWAYS

- Finance
- Management
- Marketing

ACTIVITIES & CLUBS

- FBLA
- Class Officer
- Forensics

DUAL CREDIT OPPORTUNITIES

- DC-Accounting
- DC-Computer Essentials
- AP Calculus
- AP Statistics
- AP Psychology
- AP Government & Politics

Start College Now

Opportunities

- Business Generalist
- Business Startup Basics
- Marketing Essentials
- Marketing-Social Media
- Real Estate Sales

DC = Dual Credit

AP = Advanced Placement

- Students must take the College Board AP exam and score a "3" or higher in order to potentially earn college credit

EXPLORE LMHS COURSES

Business

- Intro to Business
- Business Law
- Marketing
- Personal Finance
- Business Operations & Management

English

- Communications

Social Studies

- Sociology

WORK-BASED LEARNING

- Youth Apprenticeship

INDUSTRY CERTIFICATIONS

- Microsoft Office Specialist
 - Excel, Word, Outlook, Powerpoint

Career Exploration Programs

The direct patient care pathway focuses on providing hands-on health services that support, treat, and care for patients in medical, therapeutic, and residential settings. It includes careers such as nursing, medical assisting, therapy support, and other roles that involve direct interaction with patients to promote their health and well-being.

High School Diploma

Activities Assistant Dietary Aide Home Health Aide Patient Customer Service Representative
Patient Advocate Personal Care Aide Transporter Mental Health Navigator Anesthesia Technician

Certifications
& Licenses

Associate
Degree

Bachelor Degree
& Beyond

ALLIED & HEALTH PROFESSIONALS NON-NURSING & NON-BEHAVIORAL HEALTH CAREERS

- Dental Assistant
- Emergency Medical Technician
- Medical Assistant
- Patient Care Technician
- Pharmacy Technician
- Community Health Worker
- Sterile Processing Technician
- Direct Care Professional
- Nursing Assistant

- Occupational Therapy Assistant
- Paramedic
- Physical Therapy Assistant
- Respiratory Therapist
- Surgical Technologist
- Dental Hygienist

- Doctor
- Occupational Therapist
- Pharmacist
- Physical Therapist
- Speech Language Pathologist
- Public Health Professional
- Physician Assistant
- Community Health Educator

NURSING

- Direct Care Professional
- Nursing Assistant
- Licensed Practical Nurse

- Direct Care Professional
- Nursing Assistant
- Registered Nurse (ADN)

- Clinical Nurse Specialist
- Nurse Anesthetist
- Nurse Practitioner
- Nurse Midwife
- Professor or Nurse Educator
- Registered Nurse (BSN)
- Public Health Nurse

MENTAL & BEHAVIORAL HEALTH

- Direct Care Professional
- Nursing Assistant
- Mental Health Technician
- Peer Support Specialist

- Community and Social Service Specialist
- Substance Abuse Counselor
- Psychiatric Technician

- Counselor
- Psychologist
- Psychiatrist
- Social Worker

DIAGNOSTIC SERVICES

- Medical Lab Assistant
- Ophthalmic Lab Technician
- Phlebotomist
- Dental Lab Technician

- Nuclear Medicine Technician
- Cardiovascular Technician
- Medical/Clinical Laboratory Technician
- Radiologic Technologist
 - MRI Technician
 - Diagnostic Medical
- Sonographer/Ultrasound

- Clinical Laboratory Scientist/Medical Technologist
- Nuclear Medicine Technologist
- Radiologic Assistant
- Radiologist
- Medical Physicist

REGISTERED APPRENTICESHIP

Medical Assistant Pharmacy Technician

DIRECT PATIENT CARE

PATHWAYS

- Allied & Health Professionals
- Nursing
- Mental & Behavioral Health
- Diagnostic Services

ACTIVITIES & CLUBS

- Class Officer
- Student Council
- Interact
- Forensics
- Tri-M

DUAL CREDIT OPPORTUNITIES

- DC-Medical Terminology
- DC-Biotech & Forensics
- DC-Computer Essentials
- DC-French 5
- AP Biology
- AP Chemistry
- AP Psychology
- AP Calculus
- AP Statistics
- AP Language & Composition
- AP Literature & Composition
- AP Spanish

Start College Now Opportunities

- Nursing Assistant/CNA
- Emergency Medical Technician (EMT)

DC = Dual Credit

AP = Advanced Placement

- Students must take the College Board AP exam and score a "3" or higher in order to potentially earn college credit

EXPLORE LMHS COURSES

Science

- Anatomy & Physiology

Social Studies

- Sociology

Health Sciences

- Nursing 1
- Nursing 2

Business

- Computer Essentials

English

- Communications

WORK-BASED LEARNING

- Youth Apprenticeship

INDUSTRY CERTIFICATIONS

- Microsoft Office Specialist
 - Excel, Word, Outlook, Powerpoint

Career Exploration Programs

- Wisconsin AHEC
- Wisconsin PATCH
- Raise Your Voice -NAMI Wisconsin

EDUCATION & TRAINING

The education and training pathway focuses on developing the knowledge and skills needed to teach, train, and support learners of all ages. It includes careers in teaching, counseling, training, and educational support roles that help individuals grow academically, personally, and professionally.

High School
Diploma

Certifications,
& Technical Diploma

Associate
Degree

Bachelor Degree
& Beyond

Early Childhood Education

- Assistant Child Care Teacher, Child Care - Teacher, or Infant Toddler Teacher - Nanny (Au Pair)	- Early Childhood Education Teacher* - Family Child Care Provider - Child Care Director - Preschool Teacher	<u>Head Start Assistant Teacher</u> <u>Social and Human Services Assistant</u>	<u>Head Start Lead Teacher</u> <u>4K Preschool Teacher (in a School District)</u> <u>Early Childhood Special Education Teacher</u>
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K12 Education

<u>Food services worker</u> <u>School Safety Officer or Security</u> <u>Personnel</u> <u>School Office Assistant</u> <u>Teacher Assistant</u> <u>School Bus Monitor</u>	<u>Bus Driver</u>	<u>Paraeducator</u> <u>Health Room Aide</u> <u>IT Support Specialist</u> <u>Lab Assistant</u> <u>Short term Substitute Teacher</u>	<u>Teacher</u> <u>Pre K - 12 Education</u> <u>Special Education</u> <u>Pupil or Student Services Staff</u> <u>School Social Worker</u> <u>School Counselor</u> <u>School Psychologist</u> <u>Educational Administrators K-12</u>
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Higher Education

<u>Food services worker</u> <u>Facilities Maintenance Worker</u> <u>Tutor</u> <u>Residential Advisor</u>	<u>Lab Assistant</u>	<u>Administrative Assistant</u> <u>Library Technician</u> <u>IT Support Specialist</u> <u>Lab Manager</u>	<u>Professor, Adjunct, Instructor</u> <u>Library Media Specialist</u> <u>Student Services Staff</u> <u>Disability Services Coordinators</u> <u>Career Services Advisors</u> <u>Admissions Counselors</u>
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Adult & Community Education

<u>Community Education Instructor</u> <u>Youth Development Worker</u> <u>Community Recreation Staff</u> <u>Umpire or Referee or Coach</u>	<u>Behavior Technician</u> <u>HR or Organizational Development Assistant</u> <u>Career or Life Coach</u>	<u>Community Program Manager</u> <u>Social and Human Services Assistant</u> <u>Library Technician</u>	<u>Director of Community Education</u> <u>Corporate Trainer or Development Specialist</u> <u>Library Media Specialist</u>
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EDUCATION & TRAINING

PATHWAYS

- Early Childhood Education
- K12 Education
- Higher Education
- Adult & Community Education

ACTIVITIES & CLUBS

- Art Club
- Class Officer
- Drama Club
- Forensics
- Interact
- Lake Mills United
- Link Crew
- Student Council
- Tri-M
- YOST

DUAL CREDIT OPPORTUNITIES

- DC-Math Reasoning
- DC-Computer Essentials
- AP Calculus
- AP Statistics
- AP English Literature
- AP Psychology

START COLLEGE NOW OPPORTUNITIES

- Basic Early Childhood Educator
- Education Academy

DC = Dual Credit

AP = Advanced Placement

- Students must take the College Board AP exam and score a "3" or higher in order to potentially earn college credit

EXPLORE LMHS COURSES

Business

- Personal Finance

English

- Communications

Social Studies

- Sociology

Virtual Courses

- Early Childhood Education

WORK-BASED LEARNING

- Youth Apprenticeship

INDUSTRY CERTIFICATIONS

- Microsoft Office Specialist
 - Excel, Word, Outlook, Powerpoint

Career Exploration Programs

- Teacher Assistant
- Mentor
- Before/After School Program

ENERGY

The energy pathway focuses on producing, distributing, and maintaining the systems that generate power from sources like electricity, oil, gas, wind, and solar. It includes careers in energy production, engineering, maintenance, and emerging renewable technologies.

High School Diploma

Solar PV Installer Electrical & Gas Power Line Helper Utility Locator
Vegetation Management Customer Service Rep

Certification or
Technical Diploma

Registered
Apprenticeship

Associate
Degree

Bachelor Degree
& Beyond

Energy Generation & Conservation

• <u>Distribution Generation Operator</u> • <u>Solar/Wind Energy Technician</u> • <u>Building Automation Technician</u> • <u>Energy Auditor</u> • <u>Residential HVAC Technician</u>	• Substation Electrician • Apprentice Plant Attendant	• Substation Technician • Electrician • Electrical Drafter • Electrical Engineer Technician/ Technologists • Civil Engineer Technician • Nuclear Engineer Technician	• <u>Civil Engineers</u> • <u>Electrical Engineer</u> • <u>Wind Energy Engineer</u> • <u>Petroleum Engineer</u> • <u>Solar Engineer</u> • <u>Sustainability Specialist</u>
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Energy Transmission, Distribution, & Storage

• Lineworker • Service & Metering Technician • Power Distributor & Dispatcher • Utility Technician	• Lineworker • Metering Technician • Electrical Apprentice	• <u>Lineworker/Service Technician</u> • <u>Mapping Technician/ GIS Technician</u> • <u>Electrical Technician</u> • <u>Gas Technician</u> • <u>Systems Control Operator</u> • <u>Facilities Manager</u>	• <u>Specialist/Supervisor</u> • <u>Data Scientist</u> • <u>Cybersecurity</u> • <u>Information Security Analyst</u>
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ENERGY

PATHWAYS

- Energy Generation & Conservation
- Energy Transmission, Distribution, & Storage

ACTIVITIES & CLUBS

- FFA

DUAL CREDIT OPPORTUNITIES

- DC-Metals 2
- DC-Woods 2
- DC-Construction 2
- DC-Math Reasoning
- DC-Computer Essentials

START COLLEGE NOW OPPORTUNITIES

- Basic Industrial Power
- Carpentry Techniques
- Construction Essentials
- Gas Metal Arc Welding
- Welding Fundamentals

DC = Dual Credit

AP = Advanced Placement

- Students must take the College Board AP exam and score a "3" or higher in order to potentially earn college credit

EXPLORE LMHS COURSES

Business

- Computer Essentials

Math

- AP Calculus
- AP Statistics

Technology & Engineering

- Intro to Technology & Engineering
- Engineering 1
- Engineering 2
- Metals 1
- Metals 2
- Construction 1
- Construction 2

WORK-BASED LEARNING

- Youth Apprenticeship

INDUSTRY CERTIFICATIONS

- Microsoft Office Specialist
 - Excel, Word, Outlook, Powerpoint
- OSHA 10

Career Exploration Programs

- WI K12 Energy Education Program (KEEP)
- WI Energy Workforce Consortium
- Get into Energy/Get into STEM)
- Clean Jobs

GOVERNMENT & PUBLIC ADMINISTRATION

The energy pathway focuses on producing, distributing, and maintaining the systems that generate power from sources like electricity, oil, gas, wind, and solar. It includes careers in energy production, engineering, maintenance, and emerging renewable technologies.

Bachelor
Degree

Masters/Doctoral
Professional Degrees

Foreign Service

• International Studies • Sociology • Geography and History • International Business • Economics Statistics	• Survey, Research and Methodology • Sociology • Economics • Statistics
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Governance

• Political Science • Geography • Economic Statistics	• Political Science • Geography • Economic Statistics • Research and Methodology
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National Security

• Military Science • Psychology • Electrical or Computer Engineering • Foreign Language	• Survey, Research and Methodology
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Planning

• Economics • Geography • Engineering	• Community and Regional Planning • Economics • Architecture • Geography • Survey, Research and Methodology
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Regulation

• Food Science and Technology • International Business • Economics • Statistics	• Survey, Research and Methodology • Food Science and Technology • Economics • Statistics
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Revenue & Taxation

• Accounting • Economics • Finance • Actuarial Science • Statistics	• Accounting • Economics • Finance • Actuarial Science • Family Financial Planning • Research and Methodology
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GOVERNMENT & PUBLIC ADMINISTRATION

PATHWAYS

- Governance Revenue & Taxation
- National Security
- Foreign Service
- Planning
- Regulation
- Public Management & Administration

ACTIVITIES & CLUBS

- FBLA
- Student Council
- NHS
- Interact
- AFS/International Club
- Model UN
- Forensics
- Tri-M

DUAL CREDIT OPPORTUNITIES

- AP Government & Politics
- AP Psychology
- Computer Essentials
- Accounting-DC
- AP Statistics
- French 5 DC
- AP Spanish

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AP = Advanced Placement

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EXPLORE LMHS COURSES

Social Studies

- Sociology
- Honors Modern US History

Business

- Personal Finance

English

- Communications

WORK-BASED LEARNING

INDUSTRY CERTIFICATIONS

- Microsoft Office Specialist
 - Excel, Word, Outlook, Powerpoint

Career Exploration Programs

- Jefferson County Government Day

HOSPITALITY, CULINARY, & TOURISM

The hospitality, culinary, and tourism pathway focuses on creating positive guest experiences through food service, lodging, travel, and entertainment. It includes careers in cooking, event planning, hotel management, travel services, and other roles that support customer service and tourism.

High School
Diploma

Certification or
Technical Diploma

Associate
Degree

Bachelor Degree
& Beyond

Hospitality & Lodging

- Housekeeper/Laundry Attendant - Baggage Porter/Valet Service - Guest Services Representative - Food Service Worker	- Facility Maintenance - Reservation Agent - Housekeeping Supervisor - Front Desk Supervisor	- Bookkeeper - Sales Coordinator - Front Desk Manager	- Operations Manager - Regional Manager - Director of Sales - Hotel Manager - Rooms Division Manager - Revenue Manager
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Restaurant Management & Culinary Arts

<u>Food Prep Cook</u> <u>Dishwasher</u> <u>Busser</u> <u>Server</u> <u>Host/Hostess</u> <u>Barista</u>	- Catering/Banquet Supervisor - Bartender - Culinary Assistant - Environmental Health Inspector	- Chef - Pastry Chef - Baker - Kitchen Manager - Event/Banquet Manager - Front House Manager - Butcher - Caterer	<u>Food & Beverage Director</u> <u>Executive Chef</u> <u>General Manager</u> <u>Restaurant Owner</u> <u>Brewmaster</u>
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Travel, Tourism, Recreation, & Attractions

<u>Ride Concierge</u> <u>Baggage Handler</u> <u>Customer Service Representative</u> <u>Lifeguard</u>	<u>Gaming Attendant</u> <u>Flight Attendant</u> <u>Travel Agent</u> <u>Tour Guide</u> <u>Charter Bus Driver</u>	<u>Assistant Golf Superintendent</u> <u>Gaming Manager (Pit Boss)</u> <u>Park Ranger</u> <u>Recreation Director</u>	<u>Golf Course Superintendent</u> <u>Travel Writer</u> <u>Camp Director</u> <u>Group Sales Manager</u> <u>Box Office/Ticketing Services Manager</u>
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Destination Conferences, Festivals, & Events Marketing & Management

<u>Ticket Representative</u> <u>Banquet/Event Set-up</u> <u>Visitor Center Attendant</u> <u>Event Services Staff</u> <u>Concession Worker</u>	<u>Facility Maintenance</u> <u>Sales Representative</u> <u>Concert and Event Security</u> <u>Exhibit Designer</u>	<u>Volunteer Program Coordinator</u> <u>Office Manager</u> <u>Social Media Specialist</u> <u>Web Designer</u> <u>Event Planner</u>	<u>Marketing Specialist</u> <u>Public Relations Manager</u> <u>Destinations Sales Director</u> <u>Director of Convention and Visitors Bureau</u> <u>Director of Marketing and Advertising</u>
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HOSPITALITY, CULINARY, & TOURISM

PATHWAYS

- Hospitality & Lodging
- Restaurant Management & Culinary Arts
- Travel, Tourism, Recreation, & Attractions
- Destination Conferences, Festivals, & Events Marketing & Management

ACTIVITIES & CLUBS

- FBLA
- Student Council
- NHS
- Interact
- Video Game Club
- Forensics
- International Club
- Tri-M

DUAL CREDIT OPPORTUNITIES

- DC-Computer Essentials
- DC-Accounting
- DC-Math Reasoning
- AP Psychology

START COLLEGE NOW OPPORTUNITIES

- Hospitality Assistant

DC = Dual Credit

AP = Advanced Placement

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EXPLORE LMHS COURSES

Business

- Computer Essentials
- Intro to Business
- Marketing
- Adv. Media Applications
- Web Design
- Media Design
- Business Operations & Management

Culinary Arts

- Foods 1 & 2
- Baking & Pastry Arts
- Adv. Baking & Pastry Arts
- World Cuisines Blue & Gold
- Classics Cake & Cake Decorating

Hospitality

- Hospitality 1 & 2 (online course)

Agriculture

- Agri-Science & Food Science
- Large Animal & Meat Science

WORK-BASED LEARNING

- Youth Apprenticeship

INDUSTRY CERTIFICATIONS

- Microsoft Office Specialist
 - Excel, Word, Outlook, Powerpoint

Career Exploration Programs

ProStart Events and Competitions

- ProStart Career and Industry Expo
- ProStart Invitational
- ProStart Skills Challenge

Destinations Wisconsin: Fall Tourism Conference

The information technology pathway focuses on designing, developing, managing, and supporting computer systems, software, and networks. It includes careers in programming, cybersecurity, technical support, data management, and systems administration.

High School Diploma

Tech Support Technician PC Technician Web Designer Technical Writer

Registered
Apprenticeship

Certification or
Technical Diploma

Associate
Degree

Bachelor Degree
& Beyond

Information Systems

IT Service Desk Technician	- Database Entry Specialist - Quality Assurance Specialist	- Business Systems Analyst - Tech Project/Product Coordinator - Technical Trainer	- IT Project/Product Manager - Tech Director - Computer & Information Systems Manager - Business Intelligence Analyst
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Data & Cybersecurity

Data Analyst Cybersecurity Analyst	Information Security Specialist	Information Security Analyst	Cyber Crime Investigator Security Architect Cybersecurity Engineer Chief Information Security Officer Database Developer
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Emerging Technology

	Mobile App Support	Video Game Designer Robotics Technician Application Developer	Data Scientist Artificial Intelligence Programmer Robotics Engineer
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Network & Systems Infrastructure

	Systems Tech	Computer Network Specialist Network Administrator Software Quality Analyst Cloud Administrator	Network Architect Hardware Engineer Data Warehouse Analyst
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Software Development & Programming

Software Developer	- User Interface/Experience Developer - Web Developer	- Augmented/Virtual Reality Developer - Programmer Analyst - Software Developer - SCRUM Master	- Web Administrator - Computer Programmer - Computer Scientist - GIS Specialist
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INFORMATION TECHNOLOGY

PATHWAYS

- Information Systems
- Data & Cybersecurity
- Emerging Technology
- Network & Systems Infrastructure
- Software Development & Programming

ACTIVITIES & CLUBS

- FBLA
- Video Game Club

DUAL CREDIT OPPORTUNITIES

- DC-Accounting
- DC-Computer Essentials
- AP Calculus
- AP Statistics

START COLLEGE NOW OPPORTUNITIES

- Introduction to Software Development
- Service Center Technician

DC = Dual Credit

AP = Advanced Placement

- Students must take the College Board AP exam and score a "3" or higher in order to potentially earn college credit

EXPLORE LMHS COURSES

Business

- Computer Essentials
- Intro to Business
- Marketing
- Adv. Media Applications
- Web Design
- Media Design
- Business Operations & Management

Technology & Engineering

- Intro to Technology & Engineering
- Engineering 1 & 2

WORK-BASED LEARNING

- Youth Apprenticeship

INDUSTRY CERTIFICATIONS

- Microsoft Office Specialist
 - Excel, Word, Outlook, Powerpoint

Career Exploration Programs

- Cyberg.org
- Destination Imagination
- Game Development Camps -UW-Whitewater
- Girls Go CyberStart
- Girls Who Code
- MKE Esports
- Video Game Programming Camps-UW-Green Bay
- STEAM Campus-UW-Stevens

The non-direct patient care pathway focuses on supporting the healthcare system through behind-the-scenes roles that keep medical organizations running effectively. It includes careers in medical administration, health informatics, billing and coding, laboratory work, and other roles that do not involve hands-on patient care.

High School
Diploma

Certification or
Technical Diploma

Associate
Degree

Bachelor Degree
& Beyond

Information Systems

• Patient Access Specialist/Patient Services • Representative • Data Entry Specialist/Associate • Customer Service/Help Desk Service Representative • Health Information Management Clerk • Health Insurance Claims Specialist • Health Unit Coordinator	• Medical Coder • Medical Biller • Scribe • Release of Information Specialist • Patient Navigator • Provider Credentialing Specialist	• Language Interpreter • Health Information Technologist/Technician • Accounting Clerk/Patient Account Biller • Privacy Compliance Analyst/Specialist • Marketing Specialist • Reimbursement Specialist	• Healthcare Business Manager/Administrator • Health Information Manager/Administrator • Business Analyst • Finance Administrator • Quality Assurance Analyst • Legal and Compliance Managers
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Healthcare Facility & Human Services

• Dietetic Technician/Dietary Aid • Distribution Representative (Supply Chain) • Security Officer • Central Supply Technician • Environmental Services Technician	• Community Health Worker • Sterile Processing Technician	• Community Relations Coordinators • Volunteer Manager • Foundation Manager • Patient Representative/Patient Advocate • Funeral Director • Facilities Manager	• Dietician • Purchasing/Buyers • Talent Acquisitions/Recruiters • Security Managers • Community Health Educator • Health Education Specialists • Mental Health/Family/Genetic Counselors • Industrial Hygienist • Social Worker
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Biotechnology Research & Development

• Packaging Tech • Research Assistant • Medical Laboratory Assistant • Cleaning Technician • Specimen Processor Technician	• Imaging Aid (Research)	• Medical Laboratory Technician (Research) • Biomedical Equipment Technician • Radiology Technician (Research and Development) • Quality Control Analyst • Environmental Monitoring Specialist	• Medical Laboratory Scientist (Research) • Pathology Assistant (Tissue and organ prep) • Pathologist • Biomedical Engineer • Patent Lawyer • Biomanufacturing Specialist • Quality Control Scientist • Clinical Research Coordinators • Quality Assurance Engineer
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NON-DIRECT PATIENT CARE

PATHWAYS

- Information Systems
- Data & Cybersecurity
- Emerging Technology
- Network & Systems Infrastructure
- Software Development & Programming

ACTIVITIES & CLUBS

- FBLA

DUAL CREDIT OPPORTUNITIES

- DC-Biotech & Forensics
- DC-Medical Terminology
- DC-Computer Essentials
- DC-Accounting
- DC-Math Reasoning
- AP Calculus
- AP Statistics
- AP Biology
- AP Chemistry

START COLLEGE NOW OPPORTUNITIES

- Biotechnology Laboratory Support Assistant
- Healthcare Customer Service

DC = Dual Credit

AP = Advanced Placement

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EXPLORE LMHS COURSES

Business

- Intro to Business
- Marketing
- Adv. Media Applications
- Web Design
- Media Design
- Business Operations & Management

Technology & Engineering

- Intro to Technology & Engineering
- Engineering 1 & 2

WORK-BASED LEARNING

- Youth Apprenticeship

INDUSTRY CERTIFICATIONS

- Microsoft Office Specialist
 - Excel, Word, Outlook, Powerpoint

Career Exploration Programs

- Cyberg.org
- Destination Imagination
- Game Development Camps -UW-Whitewater
- Girls Go CyberStart
- Girls Who Code
- MKE Esports
- Video Game Programming Camps-UW-Green Bay
- STEAM Campus-UW-Stevens

LAW, PUBLIC SAFETY, CORRECTIONS, & SECURITY

Planning, managing, and providing legal, public safety, protective services and homeland security, including professional and technical support services.

High School
Diploma

Certification or
Technical Diploma

Associate
Degree

Bachelor Degree
& Beyond

Correction Services

• Correctional Officer • Security Officer	• Criminal Justice	• Criminal Justice • Corrections Officer • Parole Officer • Probations Officer	• Human Services • Criminal Justice • Social Work • Pre-Law • Law and Legal Services • Criminal Justice
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Emergency & Fire Management Services

• <u>Police, Fire, and Ambulance Dispatch</u> • <u>Volunteer Firefighting</u>	• Emergency Medical Technician (EMT) • Emergency Management • Fire Science Technology • Hazardous Materials Technician	• Emergency Medical Technician (EMT) • Fire Protection • Fire Science Technology	• <u>Emergency Medical Services</u>
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Law Enforcement Services

• <u>Animal Control</u> • <u>Parking Enforcement</u>	• Criminal Justice	• Criminal Justice • Law Enforcement • Law Enforcement	• <u>Criminal Justice</u>
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Legal Services

	• <u>Paralegal Studies</u>	• <u>Administrative Assistant - Legal</u> • <u>Paralegal/ Legal Assistant</u> • <u>Criminal Justice - Court Emphasis</u>	• <u>Paralegal Studies</u> • <u>Pre-Law/ Legal Studies</u> • <u>Criminal Justice</u> • <u>Law and Legal Studies</u>
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Security & Protective Services

		• <u>Criminal Justice - Law Enforcement</u> • <u>Law Enforcement</u> • <u>Law Enforcement</u>	• <u>Criminal Justice</u> • <u>Law and Legal Studies</u>
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LAW, PUBLIC SAFETY, CORRECTIONS, & SECURITY

PATHWAYS

- Correction Services
- Emergency & Fire Management Services
- Law Enforcement Services
- Legal Services
- Security & Protective Services

ACTIVITIES & CLUBS

- FBLA
- Model UN
- Student Council-Class Officer
- Forensics

DUAL CREDIT OPPORTUNITIES

- DC-Medical Terminology
- DC-Biotech & Forensics
- DC-Computer Essentials
- DC-Math Reasoning
- DC-Metals 2
- AP Psychology
- AP Government & Politics

START COLLEGE NOW OPPORTUNITIES

- Emergency Medical Technician (EMT)
- Fire Recruit Academy

Full list of Law, Protective & Human Services programs at Madison College

DC = Dual Credit

AP = Advanced Placement

- Students must take the College Board AP exam and score a "3" or higher in order to potentially earn college credit

EXPLORE LMHS COURSES

Technology & Engineering

- Intro to Technology & Engineering
- Metals 1 & 2
- Engineering 1 & 2

Social Studies

- Psychology
- Sociology
- Criminal Justice (online)
- Intro to Law Enforcement (online)

English

- Communications

Business

- Intro to Business
- Business & Personal Law

WORK-BASED LEARNING

INDUSTRY CERTIFICATIONS

- Microsoft Office Specialist
 - Excel, Word, Outlook, Powerpoint

Career Exploration Programs

Planning, managing, and providing scientific research and professional and technical services e.g. physical science, social science, engineering) including laboratory and testing services, and research and development services.

Associate
Degree

Bachelor
Degree

Masters/Doctoral
Professional Degree

Engineering & Technology

• Architectural Design Technology • Civil Engineering Technology • Industrial Technology • Surveying and Computer Aided Drafting (CAD)	• Agricultural Engineering • Biological Systems Engineering • Chemical Engineering • Construction • Engineering Technology • Industrial Engineering	• Agricultural and Biological Systems • Architectural Engineering • Chemical Engineering • Civil Engineering • Mechanical Engineering
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Science & Math

• Biology • Chemistry • Laboratory Science Technology • Medical Laboratory Technology	• Chemistry • Economics • Mathematics • Molecular Biology • Physics	• Biochemistry • Biological Sciences • Chemistry • Physics and Astronomy • Statistics
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SCIENCE, TECHNOLOGY, ENGINEERING, & MATH

PATHWAYS

- Engineering & Technology
- Science & Mathematics

ACTIVITIES & CLUBS

- FFA
- Math Team

DUAL CREDIT OPPORTUNITIES

- DC-Computer Essentials
- DC-Biotechnology & Forensics
- DC-Metals 2
- DC-Woods 2
- DC-Construction 2
- AP Biology
- AP Chemistry
- AP Statistics
- AP Calculus AB & BC
- AP Art & Design

DC = Dual Credit

AP = Advanced Placement

- Students must take the College Board AP exam and score a "3" or higher in order to potentially earn college credit

EXPLORE LMHS COURSES

Technology & Engineering

- Intro to Technology & Engineering
- Engineering 1 & 2

Science

- Physics

Art

- Drawing 1 & 2

IT

- Intro to Computer Science
- PLTW: Computer Science Principles

WORK-BASED LEARNING

- Youth Apprenticeship

INDUSTRY CERTIFICATIONS

- Microsoft Office Specialist
 - Excel, Word, Outlook, Powerpoint

Career Exploration Programs

The transportation, distribution, and logistics pathway focuses on the planning, management, and movement of goods and people efficiently and safely. It includes careers in supply chain management, trucking, shipping, warehousing, and transportation operations.

High School
Diploma

Certification or
Technical Diploma

Associate
Degree

Bachelor Degree
& Beyond

Facility, Mobile Equipment, & Vehicle Maintenance

Auto Body Technician	- Auto Technician - Auto Body Technician - Powersports/Motorcycle Technician - Diesel and Heavy - Truck Technician - Agriculture Technician - Powered/Construction Equipment		- Facility Manager - Facility Engineer - Industrial Engineer - Electrical Engineer
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Environmental, Health, & Safety Management

	Health and Safety Technician	- Environmental Science and Protection Technicians - Environmental Compliance Officer	Health & Safety Specialist Environment, Health & Safety Manager Environmental Scientists & Specialists Industrial Health & Safety Engineers
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Supply Chain Management

- Dispatcher - Truck Driver (Delivery Driver) - Assistant Buyer - Inventory Coordinator - Customer Service Representative - Picker/Packer	Mechanic Truck Driver (Heavy and Tractor Trailer) Material Planner/Scheduler Sourcing Specialist Procurement Assistant Logistics Coordinator	Computer Network Support Specialist Purchasing Agent Business/Supply Chain Analyst IT Specialist Import / Export Specialist Quality Assurance Technician Planner/ Scheduler	Fleet Manager Accountant Information Technology Director Supply Chain Manager Procurement Manager
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Sales & Finance

Sales Consultant	Marketing Manager Finance Manager	Sales Manager	Accountant
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High School
Diploma

Certification or
Technical Diploma

Associate
Degree

Bachelor Degree
& Beyond

Transportation Operations

• Laborer • Auto Detailer • Customer Service • Representative • Truck Driver (Delivery Driver) • Railroad Conductor	• Maintenance Technician • Flight Attendant • Truck Driver • Railroad Operator • Aircraft Mechanic • Aviation Welder • Mechanical Technician • Air Traffic Controller • Engineering Technician • Boat Operator • Technician • Ship Captain • Railroad Engineer • Harbor Master	• Aircraft Mechanic	• Naval Architect • Air Pilot • Chief, Port Director • Airport Manager
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Transportation Systems/Infrastructure Planning, Management, & Regulation

• Dispatcher • Baggage Support • Flight Attendant • Ramp Attendant • Gate Agent • AirCraft Service Attendant • TSA Agent • Freight Coordinator	• Aircraft Mechanic • Airframe and PowerPlant (A&P) Mechanic • Avionics Technicians • Air Traffic Controller • Aviation Welder • Aviation Composite Technician • Uncrewed Aerial Vehicle Technician • CNC Operator	• Aviation Manager • Avionics Manager • Engineering Technologist • Draftsman • ElectroMechanical Technician • Hydraulic System Technician • Planner/ Scheduler • Logistics Coordinator	• Air Pilot • Aerospace Engineer • Supply Chain Manager • Transportation Manager • Operations Manager • Fleet Manager • Global Transportation Manager • Traffic Manager
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Warehousing & Distribution Center Operations

• Laborer • Inventory Clerk • Picker and Packer • Palletizer • Forklift Operator • Receptionist	• Warehouse Associate • Office Assistant • Maintenance Technician • Crane Operator • Operations Associate	• Administrative Professional • Executive Administrative Assistant • Operations Manager • Maintenance Supervisor • Inventory Analyst • Purchasing Agent	• Data Scientist • Artificial Intelligence • Programmer • Robotics Engineer
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Registered Apprenticeship

Professional Truck Driver

Roadway Maintenance Technician

PATHWAYS

- Facility, Mobile, Equipment, & Vehicle Maintenance
- Environmental, Health, & Safety Management
- Supply Chain Management
- Sales & Finance
- Transportation Operations
- Transportation Systems/Infrastructure Planning, Management, & Regulation

ACTIVITIES & CLUBS

- FBLA
- Math Team

DUAL CREDIT OPPORTUNITIES

- DC-Construction 2
- DC-Woods 2
- DC-Metals 2
- DC-Computer Essentials
- DC-Accounting
- DC-Math Reasoning

DC = Dual Credit

AP = Advanced Placement

- Students must take the College Board AP exam and score a "3" or higher in order to potentially earn college credit

EXPLORE LMHS COURSES

Business

- Computer Essentials
- Intro to Business
- Marketing
- Personal Finance
- Business Operations & Management
- PLTW: Computer Science Principles

Technology & Engineering

- Intro to Technology & Engineering
- Engineering 1 & 2
- Metals 1 & 2
- Small Engine Repair

WORK-BASED LEARNING

- Youth Apprenticeship

INDUSTRY CERTIFICATIONS

- Microsoft Office Specialist
 - Excel, Word, Outlook, Powerpoint
- OSHA 10

Career Exploration Programs



Course Listings

COURSE LISTING

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LAUDE *System*

The purpose of the Lake Mills Laude System is to encourage and recognize graduates for completion of challenging coursework and prepare for future success.

RECOGNITION LEVELS

Summa Cum Laude
with Highest Honors
65+

Magna Cum Laude
with High Honors
52-64.99

Cum Laude
With Honors
35-51.99

IMPLEMENTATION

Students receive .5 points per semester (AP 1 point per semester) with a grade of a B- or above in the eligible course in the chart below.

MINIMUM GPA & POINTS

The requirements for laude recognition at graduation are:

- having a minimum cumulative GPA of 3.4, at the end of a student's 7th semester
- A laude score of at least 35 at the end of a student's 8th semester.

LAUDE SCORE

A student's laude score will be determined by multiplying:

- the student's cumulative GPA after the completion of 7th semester of their senior year
- the number of successfully completed LMHS Laude Courses with a B- or better

There will no longer be valedictorian or salutatorian identifications.

LMHS faculty and administration will review the LMHS Laude System each year and revise as necessary.

LAKE MILLS LAUDE HONOR POINTS CHART

GPA		4	3.9	3.8	3.7	3.6	3.5	3.4
	20	80	78	76	74	72	70	68
	19.5	78	76.05	74.1	72.15	70.2	68.25	66.3
	19	76	74.1	72.2	70.3	68.4	66.5	64.6
	18.5	74	72.15	70.3	68.45	66.6	64.75	62.9
	18	72	70.2	68.4	66.6	64.8	63	61.2
	17.5	70	68.25	66.5	64.75	63	61.25	59.5
H	17	68	66.3	64.6	62.9	61.2	59.5	57.8
O	16.5	66	64.35	62.7	61.05	59.4	57.75	56.1
N	16	64	62.4	60.8	59.2	57.6	56	54.4
O	15.5	62	60.45	58.9	57.35	55.8	54.25	52.7
R	15	60	58.5	57	55.5	54	52.5	51
	14.5	58	56.55	55.1	53.65	52.2	50.75	49.3
	14	56	54.6	53.2	51.8	50.4	49	47.6
	13.5	54	52.65	51.3	49.95	48.6	47.25	45.9
P	13	52	50.7	49.4	48.1	46.8	45.5	44.2
O	12.5	50	48.75	47.5	46.25	45	43.75	42.5
I	12	48	46.8	45.6	44.4	43.2	42	40.8
N	11.5	46	44.85	43.7	42.55	41.1	40.25	39.1
T	11	44	42.9	41.8	40.7	39.6	38.5	37.4
S	10.5	42	40.95	39.9	38.85	37.8	36.75	35.7
	10	40	39	38	37	36	35	34
	9.5	38	37.05	36.1	35.15	34.2	33.25	32.3
	9	36	35.1	34.2	33.3	32.4	31.5	30.6

LAKE MILLS LAUDE COURSES

Agriculture Science	Large Animals & Meat Science	0.5
	Veterinary Science & Companion Animals	0.5
	Youth Apprenticeship	0.5
Art	AP Art & Design	1
Business & IT	Advanced Media Applications	0.5
	Accounting-DC	0.5
	Business Operations & Management	0.5
	PLTW: Computer Science Principles	0.5
	Youth Apprenticeship	0.5
English	Creative Writing	0.5
	AP English Literature & Composition	1
	English 104: Intro to Literature	1
	AP English Language & Composition (online)	1
Culinary Arts	Advanced Baking	0.5
	Classic Cakes & Cake Decorating	0.5
	Youth Apprenticeship	0.5
Math	Advanced Geometry	0.5
	Advanced Algebra/Trigonometry	0.5
	AP Pre-Calculus	1
	AP Calculus AB	1
	AP Calculus BC	1
	AP Statistics	1
Music	Band/Orchestra (Must complete 4 years to be eligible)	2
	Concert Choir	0.5

Due to instructor changes or credit agreements these courses and points may be subject to change.

LAKE MILLS LAUDE COURSES

Physical Education	Advanced Strength Training (must take both semester)	0.5
Science	Anatomy & Physiology Medical Terminology Advanced Chemistry Biotech & Forensic Science Physics AP Biology AP Chemistry AP Environmental Science (online)	0.5 0.5 0.5 0.5 0.5 1 1 1
Social Studies	AP US History AP European History (online) AP Government & Politics Honors Modern US History AP Psychology	1 1 1 0.5 1
Tech Ed	Engineering 2 (dual credit) Construction 2 (dual credit) Metals 2 (dual credit) Woods 2 (dual credit) Auto Technology Youth Apprenticeships	0.5 0.5 0.5 0.5 0.5 0.5
World Language	French 3 French 4 French 5 DC Spanish 3 Spanish 4 Spanish 5 AP Spanish Language & Culture	0.5 0.5 1 0.5 0.5 0.5 1

Due to instructor changes or credit agreements these courses and points may be subject to change.

DEPARTMENT COURSES REFERENCE

AGRICULTURE

Course Name	Credit	Page Number	Grade Levels
<u>Agriculture Survey/Intro to FFA</u>	1	77	9-10
<u>Agri-Science & Food Science</u>	1	77	10-12
<u>Horticulture & Landscaping</u>	1	77	11-12
<u>Large Animal & Meat Science #</u>	0.5	77	10-12
<u>Vet Science/Companion Animals #</u>	0.5	77	10-12
<u>Wildlife & Natural Resources</u>	1	77	10-12
<u>Ag. Business & Farm Management</u>	1	77	12

ART

Course Name	Credit	Page Number	Grade Levels
<u>Art Foundations</u>	0.5	78	9-12
<u>Drawing 1</u>	0.5	78	10-12
<u>Drawing 2</u>	0.5	78	10-12
<u>Painting & Printmaking 1</u>	0.5	78	10-12
<u>Painting & Printmaking 2</u>	0.5	78	10-12
<u>Ceramics 1</u>	0.5	79	10-12
<u>Ceramics 2</u>	0.5	79	10-12
<u>Sculpture 1</u>	0.5	79	10-12
<u>Sculpture 2</u>	0.5	79	10-12
<u>Digital Photography</u>	0.5	79	9
<u>Adv Digital Photography</u>	0.5	79	9-12
<u>AP Art & Design #</u>	1	79	11-12

DEPARTMENT COURSES REFERENCE

BUSINESS & INFORMATION TECHNOLOGY

Course Name	Credit	Page Number	Grade Levels
<u>Computer Essentials</u>	0.5	81	9-12
<u>Advanced Media Applications #</u>	1	81	11-12
<u>Web Design</u>	0.5	81	10-12
<u>Media Design</u>	0.5	81	10-12
<u>Intro to Computer Science</u>	0.5	81	10-12
<u>PLTW: Principles of Computer Science</u>	1	81	10-12
<u>Intro to Business</u>	0.5	82	9-10
<u>Business & Personal Law</u>	0.5	82	10-12
<u>Social Media Marketing (dual credit)</u>	0.5	82	11-12
<u>Personal Finance (dual credit)</u>	1	82	11-12
<u>Accounting (dual credit) #</u>	1	82	11-12
<u>Business Operations & Management #</u>	1	82	12

Career Education

Course Name	Credit	Page Number	Grade Levels
<u>Early Childhood Education (online)</u>	1	83	10-12
<u>Nursing (online)</u>	1	83	10-12
<u>Introduction to Law Enforcement (online)</u>	0.5	83	10-12
<u>Criminal Justice (online)</u>	0.5	83	10-12
<u>Hospitality & Tourism (online)</u>	1	83	10-12

DEPARTMENT COURSES REFERENCE⁷²

Culinary Arts

Course Name	Credit	Page Number	Grade Levels
<u>Foods 1</u>	0.5	86	9-12
<u>Foods 2</u>	0.5	86	10-12
<u>World Cuisines Gold</u>	0.5	86	10-12
<u>Baking and Pastry Arts</u>	0.5	86	9-12
<u>Advanced Baking and Pastry Arts #</u>	0.5	86	10-12
<u>Classic Cakes & Cake Decorating #</u>	0.5	86	10-12

English

Course Name	Credit	Page Number	Grade Levels
<u>English 9*</u>	1	87	9
<u>English 10*</u>	1	87	10
<u>English 11*</u>	1	87	11
<u>Creative Writing #</u>	1	88	12
<u>Novels</u>	1	88	11-12
<u>Communications</u>	1	88	10-12
<u>Fundamentals of Reading & Writing</u>	1	88	12
<u>AP English Literature & Composition#</u>	1	88	12
<u>English 104 Intro to Lit (DC) #</u>	1	88	12
<u>AP English Lang. and Comp (online) #</u>	1	88	11-12

DEPARTMENT COURSES REFERENCE

Mathematics

Course Name	Credit	Page Number	Grade Levels
<u>Algebra 1</u>	1	90	9
<u>Geometry</u>	1	90	9-11
<u>Advanced Geometry#</u>	1	90	9-10
<u>Math Reasoning (dual credit)</u>	1	90	11-12
<u>Algebra 2</u>	1	90	11-12
<u>Advanced Algebra/Trigonometry #</u>	1	91	10-12
<u>Integrated College Math</u>	1	91	1-12
<u>AP Pre-Calculus #</u>	1	91	11-12
<u>AP Calculus AB #</u>	1	91	11-12
<u>AP Calculus BC#</u>	1	91	12
<u>AP Statistics #</u>	1	91	11-12

Music

Course Name	Credit	Page Number	Grade Levels
<u>Band #</u>	1	92	9-12
<u>Orchestra #</u>	1	92	9-12
<u>Treble/Bass Choir</u>	1	92	9-12
<u>Concert Choir #</u>	1	92	11-12
<u>Basic Guitar</u>	0.5	93	9-12
<u>Intermediate Guitar</u>	0.5	93	10-12
<u>Music Technology</u>	0.5	93	10-12
<u>Introduction to Songwriting</u>	0.5	93	9-12

Physical Education

Course Name	Credit	Page Number	Grade Levels
<u>PE 9 & Health*</u>	0.5	94	9
<u>PE 10*</u>	0.5	94	10
<u>Lifetime Wellness</u>	0.25	94	11-12
<u>Strength Training & Conditioning*</u>	0.25	94	10-12
<u>Advanced Strength Training & Conditioning #</u>	0.25	94	10-12
<u>Sports Officiating (online)</u>	0.5	94	10-12

DEPARTMENT COURSES REFERENCE

Science

Course Name	Credit	Page Number	Grade Levels
<u>Biology*</u>	1	96	9-10
<u>Integrated Global Science</u>	1	96	10
<u>Chemistry</u>	1	96	10-12
<u>Advanced Chemistry #</u>	1	96	10-12
<u>AP Chemistry #</u>	1	96	11-12
<u>Biotechnology & Forensic Science (dual credit) #</u>	1	97	11-12
<u>Physics #</u>	1	97	11-12
<u>AP Biology #</u>	1	97	11-12
<u>Anatomy & Physiology #</u>	1	97	11-12
<u>Medical Terminology (dual credit) #</u>	1	97	11-12
<u>AP Environmental Science (online) #</u>	1	97	11-12

Social Sciences

Course Name	Credit	Page Number	Grade Levels
<u>World History*</u>	1	99	9
<u>US History 10*</u>	1	99	10
<u>US History 11 & Current Issues*</u>	1	99	11
<u>AP United States History* #</u>	1	99	11-12
<u>Psychology</u>	0.5	99	10-12
<u>AP Psychology #</u>	1	100	10-12
<u>Honors Modern United States History</u>	1	100	10 & 12
<u>AP US Government & Politics #</u>	1	100	12
<u>Sociology</u>	0.5	100	11-12
<u>World Religions (online)</u>	0.5	100	10-12
<u>Archaeology (online)</u>	0.5	100	10-12
<u>Native American Studies (online)</u>	0.5	100	10-12
<u>AP European History (online) #</u>	1	100	10-12

DEPARTMENT COURSES REFERENCE

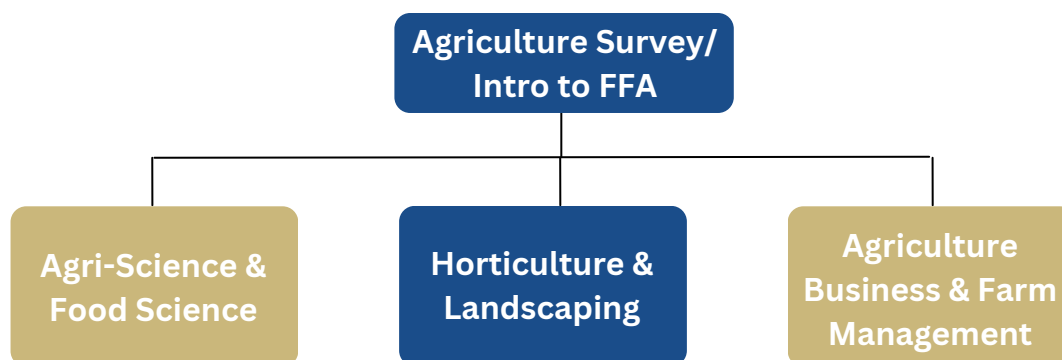
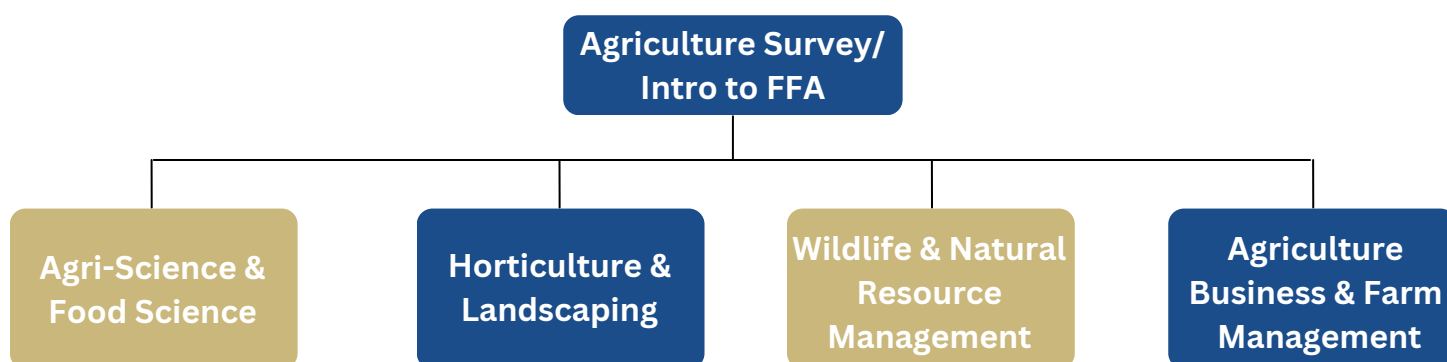
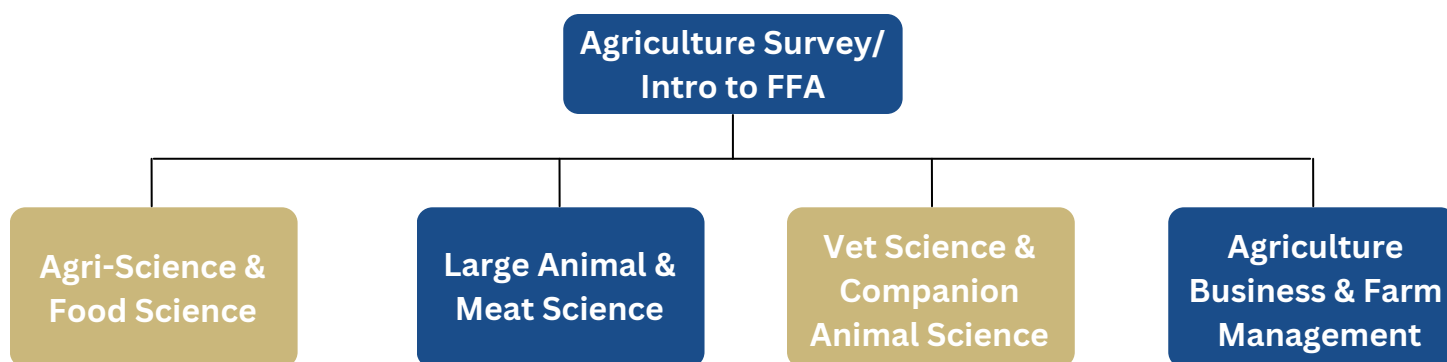
Technology & Engineering Education

Course Name	Credit	Page Number	Grade Levels
<u>Intro to Technology & Engineering</u>	0.5	102	9-12
<u>Engineering 1</u>	0.5	02	10-12
<u>Engineering 2 (dual credit) #</u>	0.5	102	10-12
<u>Construction 1</u>	0.5	102	10-12
<u>Construction 2 (dual credit) #</u>	0.5	102	10-12
<u>Woods Manufacturing 1</u>	0.5	102	10-12
<u>Woods Manufacturing 2 (dual credit) #</u>	0.5	103	10-12
<u>Metals Manufacturing 1</u>	0.5	103	10-12
<u>Metals Manufacturing 2 (dual credit) #</u>	0.5	103	10-12
<u>Night Automotive Technology</u>	0.5	103	10-12
<u>Small Engine Repair</u>	0.5	103	10-12

World Language

Course Name	Credit	Page Number	Grade Levels
<u>French 1</u>	1	105	9-12
<u>French 2</u>	1	105	9-12
<u>French 3 #</u>	1	105	10-12
<u>French 4 #</u>	1	105	11-12
<u>French 5 (dual credit) #</u>	1	105	11-12
<u>Spanish 1</u>	1	106	9-12
<u>Spanish 2</u>	1	106	9-12
<u>Spanish 3 #</u>	1	106	10-12
<u>Spanish 4 #</u>	1	106	10-12
<u>Spanish 5 #</u>	1	106	11-12
<u>AP Spanish Language & Culture #</u>	1	106	11-12
<u>German 1 (online)</u>	1	107	10-12
<u>German 2 (online)</u>	1	107	11-12
<u>German 3 (online)</u>	1	107	12

AGRICULTURE



Agriscience Youth Apprenticeship

Grade Level 11-12 **Credit/Semester** 1 **Dual Credit** No

Prerequisite(s) Grades 11-12

This course will enable students to gain valuable work experience specializing in Agriscience. Students will attain on-the-job training at a local business related to agriculture. There is a written agreement to ensure a variety of learning experiences occur. Students must complete 450 hours of paid work experience for the one-year program and 900 hours for the two-year program. New for the 2026-2027 School Year: Any students interested in participating in the YA program will need to fill out an application and go through an interview process. Please contact Mrs. Weldon for more information.

AGRICULTURE

Agriculture Survey/Introduction to FFA

Grade Level 9-10 **Credit/Semester** 1 **Dual Credit** No

Prerequisite(s) Grades 9 or 10

The Agriculture Survey/Introduction to FFA course teaches about a broad range of topics in agriculture. Students will be introduced to the many leadership opportunities and experiences that FFA has to offer. Student will also learn about the diversity of agriculture, agricultural products, agricultural career opportunities, the importance of agriculture to Wisconsin's economy, and about a broad range of National Agricultural topics and current events. Students will also participate in FFA career events and leadership development events

Agri-Science & Food Science Biotechnology

Grade Level 10-12 **Credit/Semester** 1 **Dual Credit** No

Prerequisite(s) Grades 9 or 10

This course qualifies for an elective science credit after two science credits have been earned.

Do you have an interest in agriculture and science? This course will explore and share how advances in science and technology have influenced the agricultural industry. Students will also have the opportunity to compete in the FFA Agri-Science competition. The following topics will be discussed:

- Food Science
- DNA
- Animal anatomy and physiology
- Genetics
- Animal reproduction and growth
- Biotechnology

Horticulture/Landscaping

Grade Level 11-12 **Credit/Semester** 1 **Dual Credit** No

Prerequisite(s) Grades 11-12

Let's get our hands dirty, grow plants, work in the greenhouse, learn about soil types, annuals, and perennials, floriculture, and review exterior landscape and design for Wisconsin weather. Students will also have the opportunity to compete in FFA career development event competitions and SAE program opportunities. This course will focus on:

- Career opportunities
- Different varieties of plants, bushes, shrubs and trees
- Annuals, perennials, gardening and greenhouses
- Plant anatomy and soils
- Landscape design and planning

Wildlife & Natural Resources Management

Grade Level 11-12 **Credit/Semester** 1 **Dual Credit** No

Prerequisite(s) Grades 11-12

Do you enjoy wildlife and being outdoors? This class will focus on conservation of our forests, soil, water, wildlife, wetlands and all other natural resources. Students will learn about our national park system, Wisconsin's state parks, and environmental concerns and challenges that society is facing today. Students will learn about careers in natural resources and conservation as well as have the opportunity to participate in FFA career development events.

Large Animal & Meat Science

Grade Level 10-12 **Credit/Semester** 0.5 **Dual Credit** No

Prerequisite(s) Grades 10-12

In this course students will learn the basics of animal husbandry and will review the importance of proper feeding/nutrition, breeding, animal health, and facilities management for the dairy, beef, sheep, swine, equine, goats, and exotics industries. Students will also learn dairy, equine, livestock, and meats evaluation skills and compete in FFA career development events and SAE project event activities.

Vet Science & Companion Animal Science

Grade Level 10-12 **Credit/Semester** 0.5 **Dual Credit** No

Prerequisite(s) Grades 10-12

Do you have an interest in companion animals and veterinary care? This course is designed to emphasize career areas in animal care and characteristic knowledge of small animals (dogs, cats, rabbits, guinea pigs, chinchillas, birds, fish, amphibians and reptiles). Students will be provided with basic knowledge of small animals, participate in FFA career development events and lab work will include animal care demos, blood and urine labs, disease/illness diagnosis, animal handling and observation. Topics will include:

- Intro. to Small Animal Care
- History, Choosing A Pet
- Classifications, Breeds, Feeding & Exercise, Reproduction, Diseases, Ailments
- Animal Issues, Animal Rights vs Welfare
- Careers in Small Animal Science
- Student Project

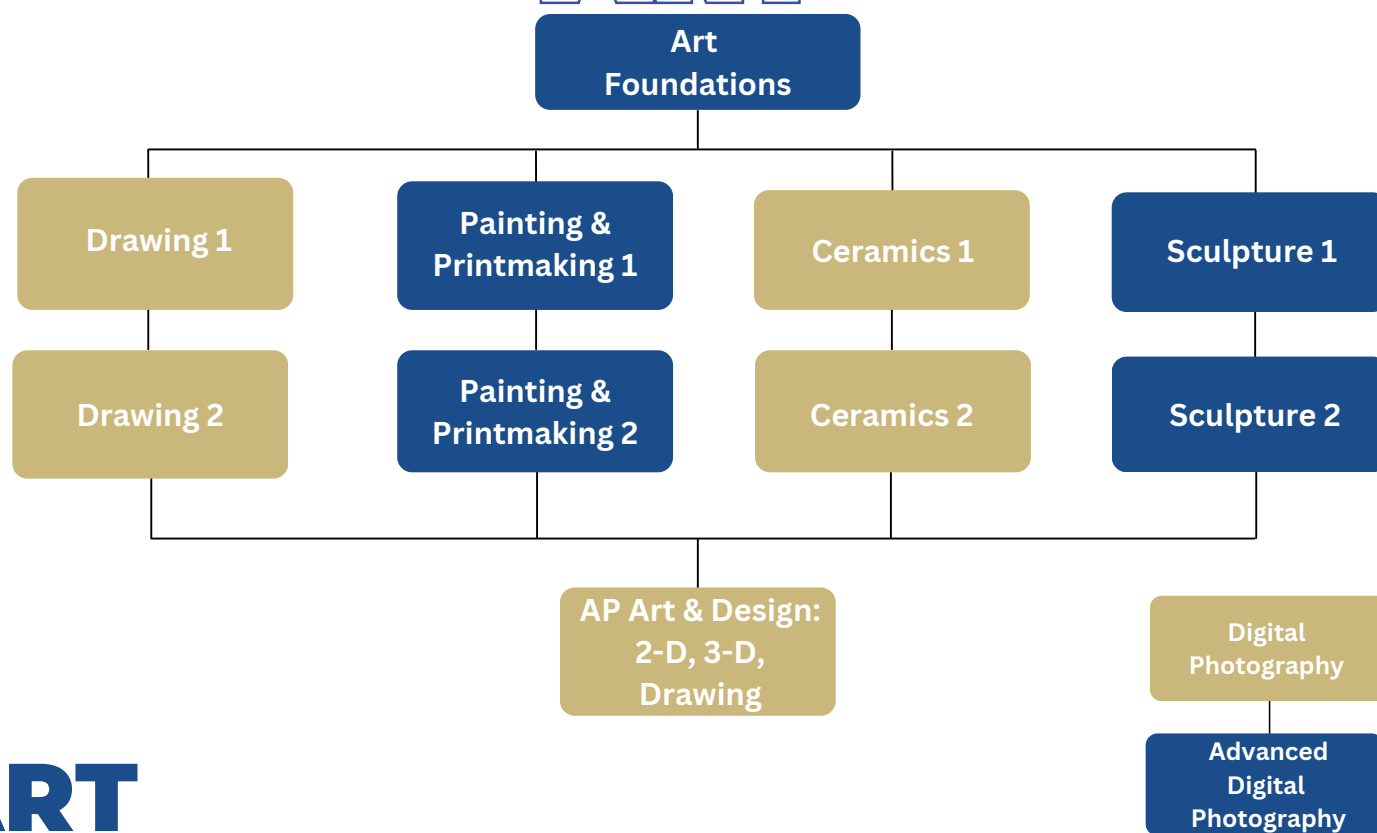
Agriculture Business & Farm Management

Grade Level 11-12 **Credit/Semester** 1 **Dual Credit** No

Prerequisite(s) Grades 11-12

This course will explore the importance of agri-business, as well as career opportunities that relate to agriculture business and farm management. Topics will include types of business structures, the importance of cooperatives in agriculture, starting and establishing a business, preparing a business plan, hiring and managing employees, agriculture marketing and sales, agriculture commodities, and agricultural law and insurance. Students will also prepare for and participate in FFA career development event competitions in the area of Ag Sales, Market Plan, and Farm Business Management.

ART



ART

Art Foundations

Grade Level	9-12	Credit/Semester	0.5	Dual Credit	No
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Prerequisite(s)	Grades 9-12
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This course will expose students to the fundamental knowledge and experiences necessary for success in additional art classes. First semester will encourage students to develop skills in observational drawing and express their individual talents by completing a variety of unique and challenging projects in the multitude of 2-D media. Assignments emphasize design, craftsmanship, and problem solving. Units explore the fundamentals in working with such media as graphite pencils, charcoal, pen/ink, colored pencils, paint, and mixed media. Second semester, students will have the opportunity to discover working with a variety of techniques and materials to create 3-D works of art. Assignments will emphasize design, craftsmanship and problem solving while exploring the fundamentals needed when working with a variety of materials.

Drawing 1

Grade Level	9-12	Credit/Semester	0.5	Dual Credit	No
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Prerequisite(s)	Art Foundations
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Students will use drawing to express themselves. Drawing is the basic language that an artist uses in order to create any work of art whether it be painting or making jewelry. This class teaches the student how to accurately see and record objects as seen from real life. Basic value and shading techniques are taught through a variety of media such as graphite and pastels.

Drawing 2

Grade Level	10-12	Credit/Semester	0.5	Dual Credit	No
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Prerequisite(s)	Drawing 1
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Students will explore more complex drawing problems as they advance their drawing skills with an emphasis on figure drawing. Students will use higher levels of detail to create more sophisticated artwork, while further developing skills in 2-D design and techniques with media such as colored pencils, marker, pen/ink, charcoal, etc.

Painting & Printmaking 1

Grade Level	9-12	Credit/Semester	0.5	Dual Credit	No
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Prerequisite(s)	Art Foundations
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This course will expose students to the basics of painting and printmaking with acrylic, watercolor, and ink. Students will learn a variety of techniques and subject matters (landscape, portrait, figure, abstractions, etc.) We will cover the fundamentals of composition, color theory, form, tone, and blending colors. Group critiques will touch upon concepts crucial to the creative process.

Printing & Printmaking 2

Grade Level	10-12	Credit/Semester	1	Dual Credit	No
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Prerequisite(s)	Printing & Printmaking 1
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Students will create advanced paintings and prints that demonstrate a sense of purpose and understanding of the relationship among materials, techniques, and concepts. Students will engage in on-going assessment to revise and improve their paintings.

Ceramics 1

Grade Level 9-12 **Credit/Semester** 0.5 **Dual Credit** No

Prerequisite(s) Art Foundations

This course is designed for students who are interested in constructing with clay. During the first nine weeks the students will concentrate on the basics of forming clay on and off of the potter's wheel. The second nine weeks the students will focus on creatively applying the knowledge gained during the first nine weeks. Students will select a design from their sketches and build the clay form in a chosen construction technique. Students will express themselves in each project through the use of good proportion, surface decoration and craftsmanship. Sketches and quizzes are part of the semester grades.

Ceramics 2

Grade Level 10-12 **Credit/Semester** 0.5 **Dual Credit** No

Prerequisite(s) Ceramics 1

Ceramics 2 is designed for students who have already successfully completed Ceramics 1 and are looking to further enhance and develop their creative and intellectual skills. Students will be asked to formulate a central concentration on them that will act as a catalyst for the creation of a unified body of artwork. Students will be asked to complete sketchbook assignments, research historically significant artists and write reflectively about their creative process.

Sculpture 1

Grade Level 9-12 **Credit/Semester** 0.5 **Dual Credit** No

Prerequisite(s) Art Foundations

Sculpture class is designed for the student that loves to create with his/her hands. Students will explore the different mediums available to create 3-dimensional artwork. Paper Mache, plaster, cardboard, recycled items, foam board, and other mediums will be used. Students will be expected to research famous sculptors. Most work will be done independently, but small groups will occasionally create large pieces.

Sculpture 2

Grade Level 10-12 **Credit/Semester** 0.5 **Dual Credit** No

Prerequisite(s) Sculpture 1

This course will be a continuation of Sculpture 1 as students further explore the development of three dimensional forms. Students will formulate a plan for developing a concentration of pieces that explore a unified body of work. Students will develop a plan through research and sketches and work with the instructor to finalize a goal.

Digital Photography

Grade Level 9 **Credit/Semester** 0.5 **Dual Credit** No

Prerequisite(s) 9th Grade

This course explores the functions of the digital single lens (DSLR) camera. Students will understand the specific setting of aperture, shutter speed and ISO to produce properly exposed images, as well as understanding of composition, depth of field, lighting, and other techniques for producing high quality photographs. Students will also learn Photoshop skills to edit photos and produce better quality images.

Advanced Digital Photography

Grade Level 10-12 **Credit/Semester** 0.5 **Dual Credit** No

Prerequisite(s) Digital Photography

This course further explores the use of digital photography and students will continue more in-depth concepts of photography and Photoshop. Students will work with combining multiple images into one photo, creating layouts for magazines, product advertisement, and other digital production.

AP Art & Design

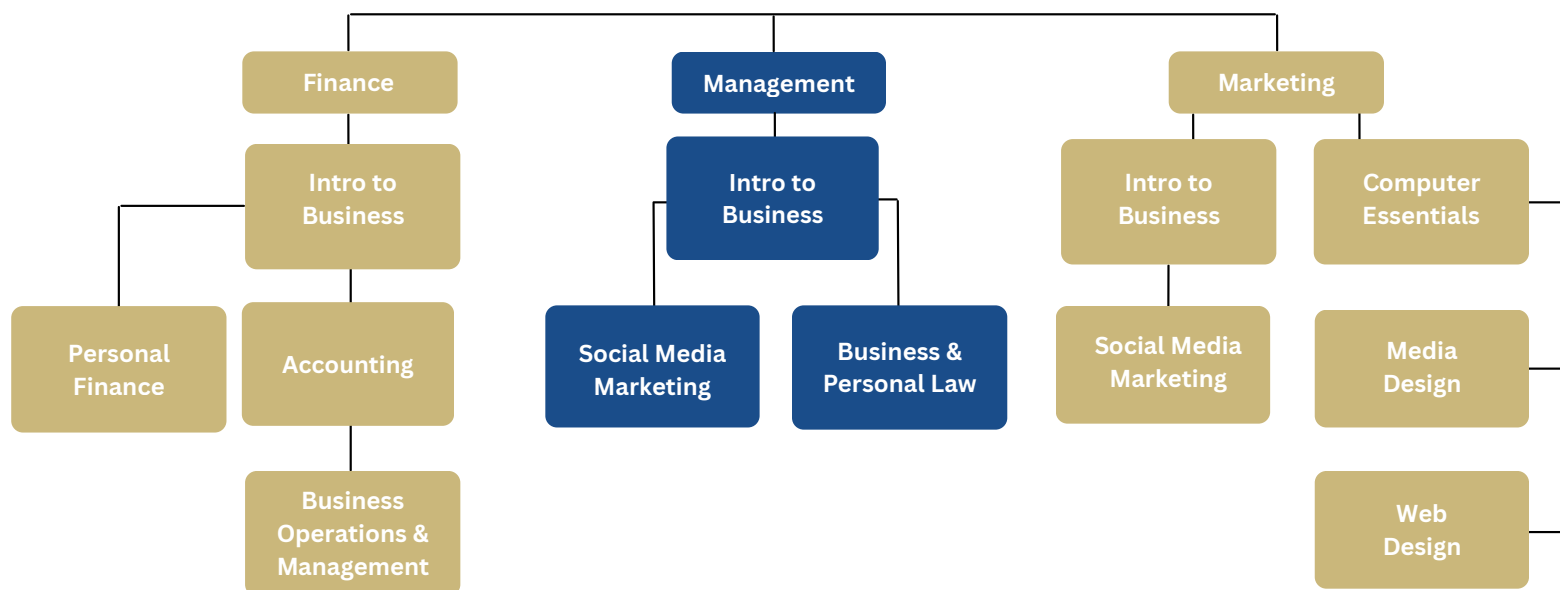
Grade Level 10-12 **Credit/Semester** 0.5 **Dual Credit** No

Prerequisite(s) Digital Photography

In AP Art and Design courses, students develop the skills that artists and designers use, and create a portfolio of work that is assessed to produce their AP score. The 3AP Art & Design courses are 2-D, 3-D, and Drawing

- In **AP 2-D Art and Design**, you'll use the skills you learn in the course, and your own ideas, to create unique works of art. Throughout the course, you'll develop an inquiry that guides artmaking through practice, experimentation, and revision of materials, processes, and ideas while demonstrating 2-D art and design skills through graphic design, sequential art, photography, collage, printmaking, illustration, industrial design, animation, game design, painting, fibers, and others.
- In **AP 3-D Art and Design**, you'll use the skills you learn in the course, and your own ideas, to create unique works of art. Throughout the course, you'll develop an inquiry that guides artmaking through practice, experimentation, and revision of materials, processes, and ideas while demonstrating 3-D art and design skills through sculpture, architecture, jewelry, fashion and apparel design, bookmaking, game design, interior design, fibers, and others.
- In **AP Drawing**, you'll use the skills you learn in the course, and your own ideas, to create unique works of art. Throughout the course, you'll develop an inquiry that guides artmaking through practice, experimentation, and revision of materials, processes, and ideas while demonstrating drawing skills through painting, drawing, sequential art, printmaking, illustration, animation, fibers, and others.

BUSINESS ADMINISTRATION



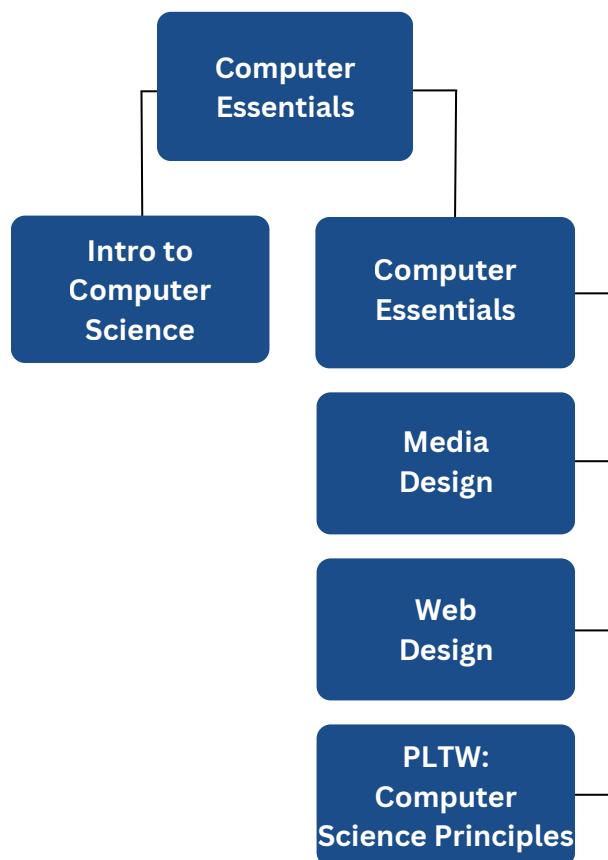
INFORMATION TECHNOLOGY

Youth Apprenticeship (Business, Finance, IT)

Grade Level 11-12 **Credit/Semester** 1 **Dual Credit** No

Prerequisite(s) Grades 11-12

This "course" will enable students to gain valuable work experience specializing in either Finance, Marketing or IT. Students will attain on-the-job training at a local business. This experience will produce competencies that include the knowledge, attitudes, work habits and skills demanded in the workplace. There is a written agreement between the school, employer, parent/guardian and student to assure a variety of learning experiences for the student. Students are required to work an average minimum of 10 hours per week. Additional hours may be worked. Students earn school credit in addition to being paid at least minimum wage. Regular supervision will be provided by the Business and Information Technology Instructor. New for the 2026-2027 School Year: Any students interested in participating in the YA program will need to fill out an application and go through an interview process. Please contact Mrs. Weldon for more information.



Business & Information Technology

Computer Essentials

Grade Level 9-12 **Credit/Semester** 0.5 **Dual Credit** Yes

Prerequisite(s) Grades 9-12

Learn skills necessary to function in the age of technology. You must be able to effectively use technology to research, organize, create, and evaluate information both for personal and business use. You will gain further knowledge and proficiency for digital file management and become certified in Microsoft Office Programs: Word – Business and Personal Documents; Excel – Spreadsheets (the #1 software colleges and the workforce want you to know!); Powerpoint – Presentations. Microsoft Office is still the main software used by businesses and colleges. Keyboarding skills will also be enhanced.

Advanced Media Applications

Grade Level 11-12 **Credit/Semester** 1 **Dual Credit** Yes

Prerequisite(s) Grades 11-12

This course provides an advanced level of Adobe Suite (Photoshop, PremierPRO, and InDesign) to create a professional media design portfolio with a variety of real-world and community-based projects. Students will also collaborate with teams and organizations encompassing athletics, clubs, and local businesses to provide promotional and informative material for the school. AMA will work alongside The Paw/Business Operation students who will incorporate hands-on projects with other clubs and activities around the high school to communicate and improve the atmosphere for students ... If you are creative, a hard worker, and a natural born leader, this class is for you! Upon successful completion of this course with a C or better, you will earn three credits at Madison College. Credits are also transferable at some public and private universities.

Web Design

Grade Level 10-12 **Credit/Semester** 0.5 **Dual Credit** No

Prerequisite(s) Grades 10-12

Explore how the web began, how it works today, and what makes an effective website. You'll learn the do's and don'ts of web design by evaluating existing sites and applying key design principles such as typography, color theory, and CRAP (Contrast, Repetition, Alignment, and Proximity). Using Wix, you'll design professional-quality front-end websites. Then, through Python, you'll gain a back-end perspective by learning strings, variables, loops, and decision-making to create interactive games and projects—giving you a well-rounded full-stack overview.

Media Design

Grade Level 10-12 **Credit/Semester** 0.5 **Dual Credit** No

Prerequisite(s) Grades 10-12

This course is for those who want an introduction to graphic design and film. You will learn the basics of composition, color and layout through the use of hands-on projects that allow you to use your creativity while developing important foundational skills. The Adobe Suite (Illustrator, Photoshop, PremierPRO, and InDesign) are used to create a media design portfolio with a variety of projects. Examples of graphics that will be created include, but are not limited to, logos, infographics, posters, illustrations, portraits, commercials, video announcements, etc. These projects will help you develop the skills you need to create and edit images and videos for professional and personal use.

Introduction to Computer Science

Grade Level 10-12 **Credit/Semester** 0.5 **Dual Credit** No

Prerequisite(s) Computer Essentials

A recommended course for anyone exploring the Information Technology field of careers. In this introduction to computer science course, we investigate cybersecurity careers and learn how to decode the three common types of ciphers and apply this to real-world activity. We then learn about the evolving world of AI, coding, and the latest tech trends. This course promises to be engaging and challenging.

Project Lead the Way (PLTW): Computer Science Principles

Grade Level 10-12 **Credit/Semester** 1 **Dual Credit** No

Prerequisite(s) Computer Essentials

A recommended course for anyone exploring the Information Technology field of careers. In this introduction to computer science course, we investigate cybersecurity careers and learn how to decode the three common types of ciphers and apply this to real-world activity. We then learn about the evolving world of AI, coding, and the latest tech trends. This course promises to be engaging and challenging.

This course is the aligned with AP Computer Science and students can take the AP exam to earn college credit

Business & Information Technology

Introduction to Business

Grade Level 9-10 **Credit/Semester** 0.5 **Dual Credit** No

Prerequisite(s) Grades 9-10

A recommended course for all students that will focus on the skills needed to succeed in any career. You will be introduced to the world of work with a broad range of topics – some of which include entrepreneurship (owning your own business), human resources, accounting, production & logistics, and marketing functions. Instruction will emphasize soft skills for employability, such as leadership, creativity, teamwork, communication, flexibility and overall work ethics. This course will get you ready for a career and learn basic business concepts

Business & Personal Law

Grade Level 10-12 **Credit/Semester** 0.5 **Dual Credit** No

Prerequisite(s) Intro to Business

A recommended course for students to be prepared as a consumer and/or for a student interested in learning about individual rights, responsibilities and the law! Laws are a part of everyday life. In this course, you will learn your legal rights and responsibilities through film, articles and everyday life. You will learn about the history of laws and how they relate to business, personal life, and society. We will cover the basics of law and how the justice system was formed. Focal points in the class include: criminal law, civil law, tort law, and contracts. In addition, you will learn more about the many law-related careers, visit a courtroom and participate in a mock trial with a "jury" as if you were on the set of Judge Judy.

Social Media Marketing

Grade Level 11-12 **Credit/Semester** 0.5 **Dual Credit** Yes

Prerequisite(s) Intro to Business

A recommended course for students pursuing business in college and/or just want to try something exciting and different! This course provides an overview of the exciting world of marketing as an important part of business. Today's consumers are different than ever before. Social media and digital marketing are examined, as well as product design, pricing, promotion, distribution, advertising, sales, slogans and logos. A look at specific industries, such as fashion, sports and international marketing, is included. We will work with local businesses to create a real-life marketing plan to learn hands on while learning about various marketing careers and education tracks. Marketing is a core course for many college majors – see what it's all about and take it now!

Personal Finance

Grade Level 11-12 **Credit/Semester** 0.5 **Dual Credit** Yes

Prerequisite(s) Intro to Business

This course is a must for all and is a graduation requirement starting with the class of 2028!

What is your vision for your future and how will you get there? This course focuses on overall personal money management. You will learn about budgeting, financial goal setting, saving, investing, insurance, credit/credit scores/credit cards, and financial intuitions. This course is designed to help you prepare financially for your role as a citizen/worker. This course includes a variety of projects and assessments that allow you to gain real-life application to help you in your financial future! If you want to learn how to manage your money, obtain wealth, and learn how to invest, this course is for you!

Accounting

Grade Level 11-12 **Credit/Semester** 1 **Dual Credit** Yes

Prerequisite(s) Intro to Business

An absolute must class for students planning on pursuing business in college. You will learn the practical application of accounting, a system of recording financial transactions of a business known as the "language of business." Emphasis will be placed on students understanding the "why" behind accounting transactions and how a business is affected, in addition to interpreting and analyzing financial statements. Accountants are in high demand and many rewarding career opportunities are possible. Accounting is a required course for all business students in college and studies show that students who take accounting in high school are more successful at the college level. Upon successful completion of this course with a C or better, you will earn four credits at Madison College. Credits are also transferable at some public and private universities.

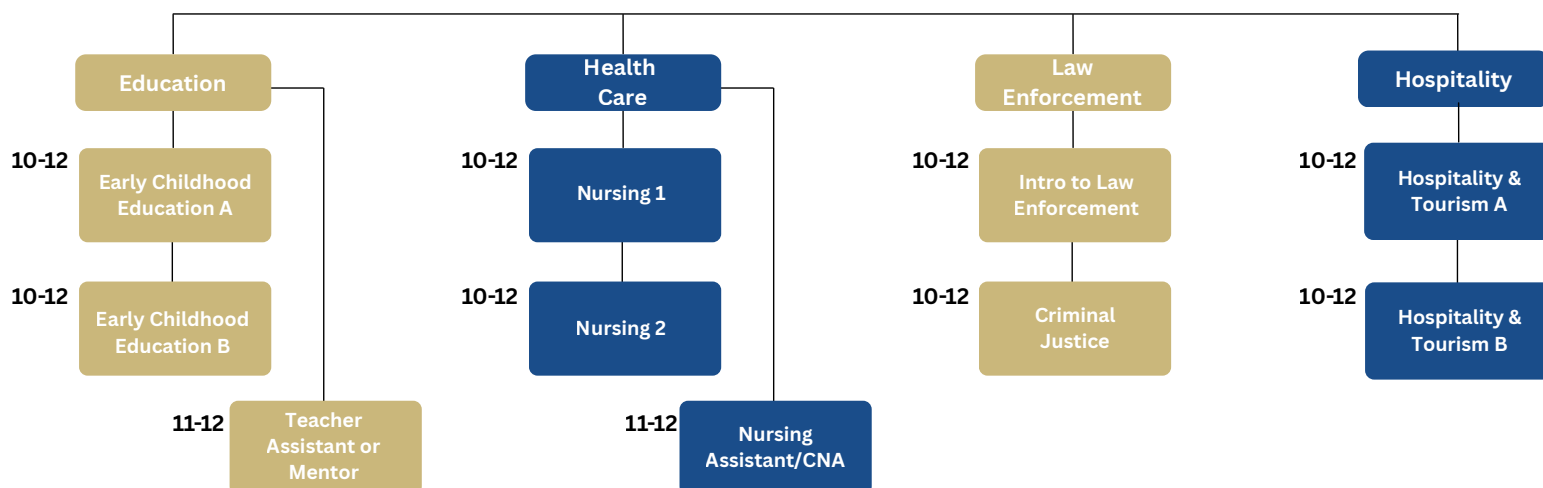
Business Operations & Management

Grade Level 12 **Credit/Semester** 1 **Dual Credit** No

Prerequisite(s) Accounting

This is a unique course with special requirements and expectations and is approved on a case-by-case basis. See Mr. Hacker for details. In this course students will learn the necessary operations of running a business such as Accounting, Marketing, Finances, Social Media Management and more. Students will be in charge of running the school store (The Paw) and learn about managing a business while enhancing the store along the way. Students will also work with the athletic department and local businesses to provide promotional and informative material for the school. Business Operation students will work alongside AMA students to incorporate hands-on projects with other clubs and activities around the high school to communicate and improve the atmosphere for students ... If you're willing to learn how to operate a business, work hard and be a leader, this class is for you!

CAREER EDUCATION



Youth Apprenticeship (Health Care)

Grade Level	11-12	Credit/Semester	1	Dual Credit	No
Prerequisite(s)	Grades 11-12				

This course will enable students to gain valuable work experience specializing in Health Services. Students will attain on-the-job training at any health care institution. There is a written agreement to ensure a variety of learning experiences occur. Students must complete 450 hours of paid work experience for the one-year program and 900 hours for the two-year program. New for the 2025-2026 School Year: Any students interested in participating in the YA program will need to fill out an application and go through an interview process. Please contact Mrs. Weldon for more information.

Youth Apprenticeship (Hospitality)

Grade Level	11-12	Credit/Semester	1	Dual Credit	No
Prerequisite(s)	Grades 11-12				

This course will enable students to gain valuable work experience specializing in Health Services. Students will attain on-the-job training at any health care institution. There is a written agreement to ensure a variety of learning experiences occur. Students must complete 450 hours of paid work experience for the one-year program and 900 hours for the two-year program. New for the 2025-2026 School Year: Any students interested in participating in the YA program will need to fill out an application and go through an interview process. Please contact Mrs. Weldon for more information.

Nursing Assistant (Start College Now)

Grade Level	11-12	Credit/Semester	1	Dual Credit	No
Prerequisite(s)	Grades 11-12				

This 3-credit theory, laboratory, and clinical course prepares students for employment as nursing assistants. Students learn communication skills, basic nursing skills, personal care skills, clients' rights and care of clients with dementias. A supervised clinical experience with direct client care is a major component of the course. Upon completion, the student is eligible to take the certification for the Wisconsin Nurse Aide Registry.

Start College Now application is required.

Deadline for the Fall semester is March 1. Deadline for the Spring semester is October 1

Career Education

Early Childhood Education (online)

Grade Level 10-12 **Credit/Semester** 1 **Dual Credit** No

Prerequisite(s) Grades 10-12

This course focuses on careers within early childhood education. As a prospective early childhood professional, students will develop an understanding of and the ability to respond to the current issues and changes in early childhood education. Students will learn how to implement early childhood programs, observe and assess young children, how to implement technology into early childhood education, the development of the young child, how to guide children's behavior, and how to build partnerships with parents, families, and communities to ensure student success.

Teacher Assistant

Grade Level 11-12 **Credit/Semester** 0.5 **Dual Credit** No

Prerequisite(s) Grades 10-12

Teacher aides are students who work in the school office or with a classroom teacher. They may work with individuals, small groups, or assist the teacher as necessary. An application is required. When the semester begins, a contract is established with the student and teacher that outlines objectives, activities, and evaluation procedures.

Mentor

Grade Level 11-12 **Credit/Semester** 0.5 **Dual Credit** No

Prerequisite(s) Grades 10-12

Mentors support elementary students by building positive relationships, modeling responsible behavior, and encouraging academic and social growth. They assist with learning activities, help them develop confidence and problem-solving skills, An application is required. When the semester begins, a contract is established with the student and teacher that outlines objectives, activities, and evaluation procedures.

Nursing (online)

Grade Level 11-12 **Credit/Semester** 1 **Dual Credit** No

Prerequisite(s) Grades 10-12

Students with a strong background in the life sciences and a passion about learning more about the field of nursing will thrive within this course. Nursing I is designed to introduce students to the professional field of nursing by exploring topics such as Nursing Theory, Values, Ethics, and Advocacy, and The Health Care Delivery System. Additional topics include New topics include Assessing, Diagnosing, Implementing, Documenting, Reporting, Conferring, and Using Informatics.

Introduction to Law Enforcement (online)

Grade Level 10-12 **Credit/Semester** 0.5 **Dual Credit** No

Prerequisite(s) Intro to Business

In this course, students will explore the basics of a career in Law Enforcement. Introduction to Law Enforcement begins with an overview and brief history of Police in the U.S. The course continues by covering topics in operation, recruitment, strategies, and police conduct. Students will also learn about issues and ethics in contemporary policing.

Criminal Justice (online)

Grade Level 10-12 **Credit/Semester** 0.5 **Dual Credit** No

Prerequisite(s) Accounting

This introductory course is designed to familiarize students with the formation, responsibilities, function, and interdependence of the agencies responsible for the administration and enforcement of justice in the United States. This course introduces the law-making bodies that make up the judicial system, criminal trial system, corrections system, and juvenile justice system. This course also provides an overview of the problems and solutions in modern policing it will examine the studies of criminology and victimology, and will address the current challenges and temperature of criminal justice in our 21st century society.

Hospitality & Tourism (online)

Grade Level 10-12 **Credit/Semester** 1 **Dual Credit** No

Prerequisite(s) Grades 10-12

This introductory course provides an overview of the structure and scope of the travel/tourism and hospitality industries. Part I of this two-part course series specifically examines the hotel and restaurant industries: food and beverage operations, the functions and departments of a hotel, catering, career options, and trends in the industry. Part II of this course series specifically examines the tourism, recreation, and events industries: tourism, recreation, attractions, special events, conventions, and expositions, as well as gaming entertainment. Other topics include the history, political, social and cultural impacts tourism has on local, state and global environments. Students are introduced to the basic skills and practices required for a successful career in the hospitality and tourism industry.

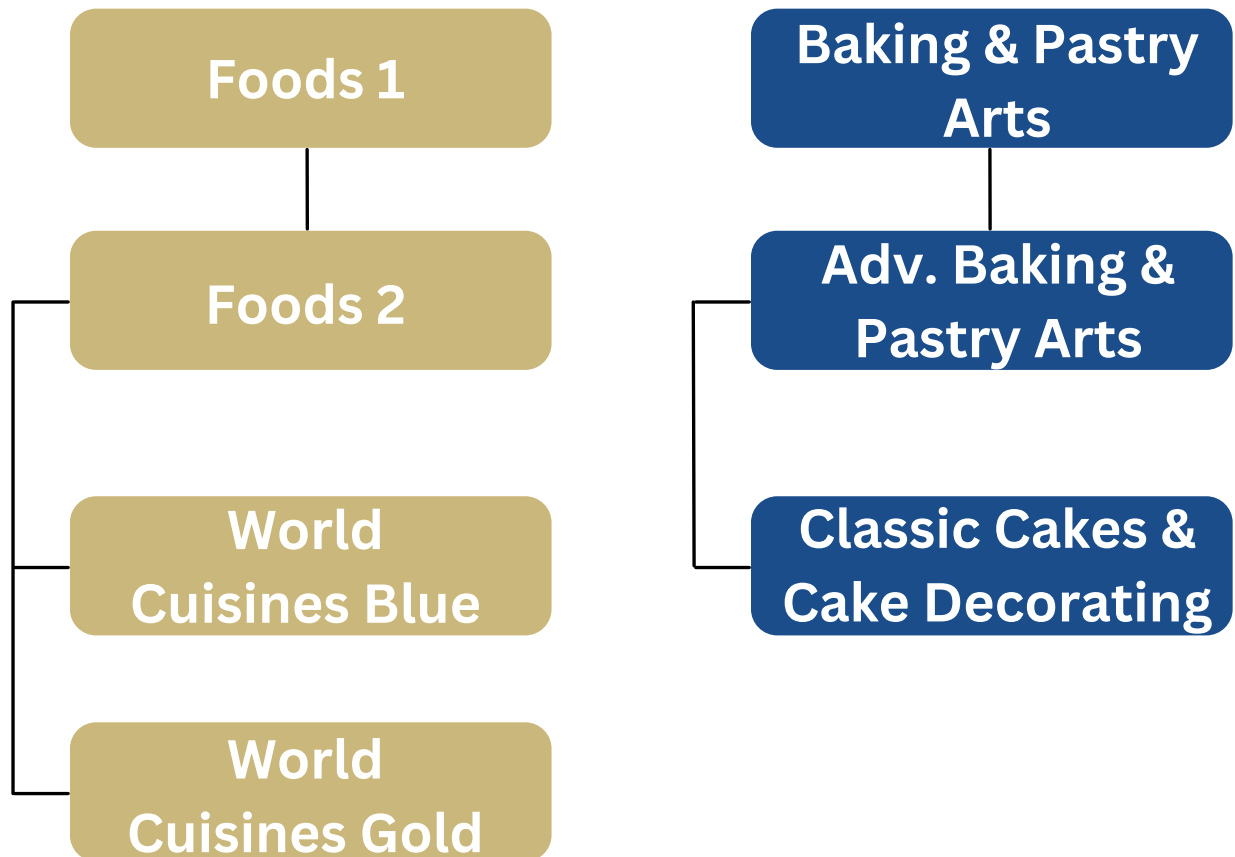
Character Development & Leadership

Grade Level 9-12 **Credit/Semester** 0.5 **Dual Credit** No

Prerequisite(s) Grades 10-12

This class is designed to help students grow as leaders in life by focusing on personal growth, building strong communities, and leading through service. Students will learn how their choices, mindset, and actions affect those around them, and how to be a positive influence wherever they are. Whether in the classroom, in their community, or representing the L-Cats, this course challenges students to step up, support others, and take pride in leading the right way.

CULINARY ARTS



Culinary Arts

Foods 1

Grade Level 9-12 **Credit/Semester** 0.5 **Dual Credit** No

Prerequisite(s) Grades 9-12

Through hands-on experiences, students will learn the fundamental food preparations techniques of vegetables, pasta, grains, dairy, eggs, poultry, meat, fish, and shellfish.

Cost: There is a fee associated with the course. Please reach out to your school counselor with questions or concerns

Foods 2

Grade Level 10-12 **Credit/Semester** 0.5 **Dual Credit** No

Prerequisite(s) Foods 1

Utilizing knowledge and skills gained in Foods I, we will be exploring advanced food preparation skills as well as planning and preparing complete meals and dishes. Additional topics in this course will be relating to running a food service business including food costing, food shopping and recipe scaling. Studying content knowledge outside the classroom is expected to be successful.

Cost: There is a fee associated with the course. Please reach out to your school counselor with questions or concerns.

World Cuisines Gold

Grade Level 10-12 **Credit/Semester** 0.5 **Dual Credit** No

Prerequisite(s) Foods 1

Cultural cooking is explored through a study of regional foods in the United States and foods from around the world including: Regions of the USA, South America, Europe, Asia, Middle East, and Africa. Students are also introduced to the many factors that influence food choices. Studying content knowledge outside the classroom is expected to be successful.

Cost: There is a fee associated with the course. Please reach out to your school counselor with questions or concerns

Baking & Pastry Arts

Grade Level 9-12 **Credit/Semester** 0.5 **Dual Credit** No

Prerequisite(s) Grades 9-12

This course will allow students to acquire the skills necessary to become an experienced baker. Students will learn food science principles while preparing the following categories of baked goods: Quick breads, yeast breads, cookies, cakes, pies, specialty desserts and candy. Studying content knowledge outside the classroom is expected to be successful.

Cost: There is a fee associated with the course. Please reach out to your school counselor with questions or concerns.

Advanced Baking & Pastry Arts

Grade Level 10-12 **Credit/Semester** 0.5 **Dual Credit** No

Prerequisite(s) Baking & Pastry

Utilizing knowledge and skills gained in Baking and Pastry Arts, we will be exploring advanced baking and pastry skills as well as planning and preparing desserts. Additional topics in this course will be relating to food costing, food shopping and recipe scaling. Studying content knowledge outside the classroom is expected to be successful.

Cost: There is a fee associated with the course. Please reach out to your school counselor with questions or concerns.

Classic Cakes & Cake Decorating

Grade Level 10-12 **Credit/Semester** 1 **Dual Credit** No

Prerequisite(s) Baking & Pastry

Advanced principles of baking, assembly, piping, and decorating of cakes. Hands on experiences including single layer and tiered cakes, utilizing advanced techniques including different styles of buttercream, rolled fondant, royal icing piped decorations. This course will be offered on an every other year rotation.

Cost: There is a fee associated with the course. Please reach out to your school counselor with questions or concerns

ENGLISH

Students must complete 4 credits of English to meet LMHS graduation requirements			
9 th Grade Required	10 th Grade Required	11 th Grade Required	12 th Grade Required
English 9	English 10	English 11	English Elective

10 th grade electives	11-12 th grade electives	12 th grade electives
Communications	- Communications - Novels - AP English Language & Composition (online)	- Creative Writing - Fundamentals of Reading & Writing - AP English Literature & Composition - English 104 DC

English 9*

Grade Level	9	Credit/Semester	1	Dual Credit	No
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This course provides an introductory background in the study and enjoyment of literature. English 9 students work towards a global focus through literature and research. Grammar, usage and vocabulary are included. Complementary units integrated throughout the year stress the writing process and use of LMC resources.

English 10*

Grade Level	10	Credit/Semester	1	Dual Credit	No
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English 10 stresses literature through the study of British literature - primarily short stories, poetry, essays, plays, and novels. The improvement of writing is emphasized. Grammar and usage are reviewed and applied in assignments using the writing process. English 10 students will also create a resume.

English 11*

Grade Level	11	Credit/Semester	1	Dual Credit	No
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English 11 is a study of American literature and American authors with the aim of understanding how history has influenced authors and their works and how history and these works are still relevant to lives today. Students will also gain a better understanding of their national heritage and modern themes through the study of this literature. Frequent compositions and presentations are composed as a means to review grammar and usage and to further develop analysis, writing, and interpersonal skills. A major research paper is written on a topic of the student's choice in relation to their career interests and is used to create and present an interactive presentation open to the local public.

Creative Writing #

Grade Level	12	Credit/Semester	1	Dual Credit	No
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In this class students will have the opportunity to explore creative writing in a variety of formats using various techniques. Students will read and analyze short stories, novels, poetry, and drama. They will compose original written pieces often inspired by class reading. Writing instruction will focus on improving and strengthening grammar, usage and mechanics, and literary analysis. An emphasis is placed on college prep writing and writing for real audiences.

Novels

Grade Level	11-12	Credit/Semester	1	Dual Credit	No
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Students read and discuss novels. Topics discussed may be questions of interpretation, critical analysis or social issues evolving from the content of the novel. Sophistication of already functional discussion skills is also emphasized.

Communications

Grade Level	10-12	Credit/Semester	1	Dual Credit	No
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Communicating with oneself, with another, within groups, before groups is the scope of this class. All aspects of communication, from non-verbal to written speech are covered. Students will gain stage presence and self-knowledge about their styles of communication.

Fundamentals of Reading & Writing

Grade Level	12	Credit/Semester	1	Dual Credit	No
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This course focuses on enhancing fundamental reading, writing, and career strategies and skills and offers students extended practice in applying these to a variety of post high school level materials. Emphasis will be given to developing the critical thinking and reading skills necessary to be successful in post-secondary English classes and/or employment. This course also strengthens basic principles of digital and professional composition and interpersonal communications.

AP English Literature & Composition #

Grade Level	12	Credit/Semester	1	Dual Credit	No
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This course is the equivalent of a first-semester university English class. Students will develop their ability to read, analyze, and write about world literature (fiction, drama, and poetry) through the use of university-level materials and assessments. The analytical writing skills developed in this course serve as the foundation for university-level writing in a variety of situations and subject areas. Students can choose to take the AP exam in May, for which they may be able to earn university credit. Students can expect 3-5 hours of homework per week, including reading literary texts, drafting and revising essays, and test preparation activities.

English 104 Intro to Literature #

Grade Level	12	Credit/Semester	1	Dual Credit	Yes
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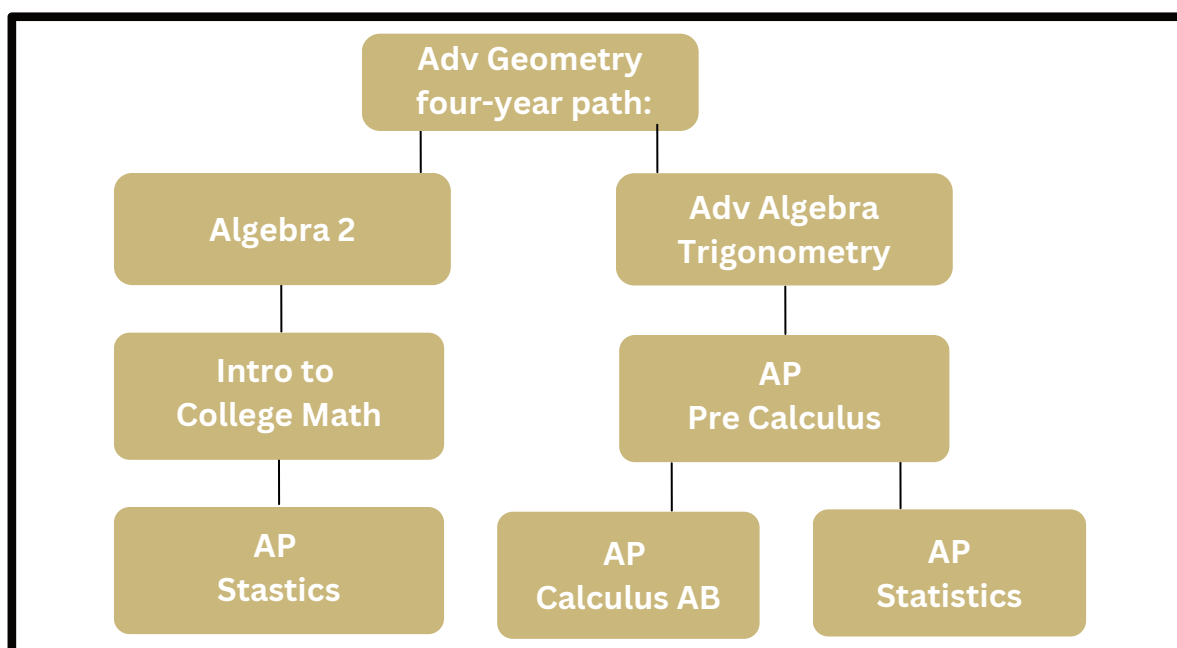
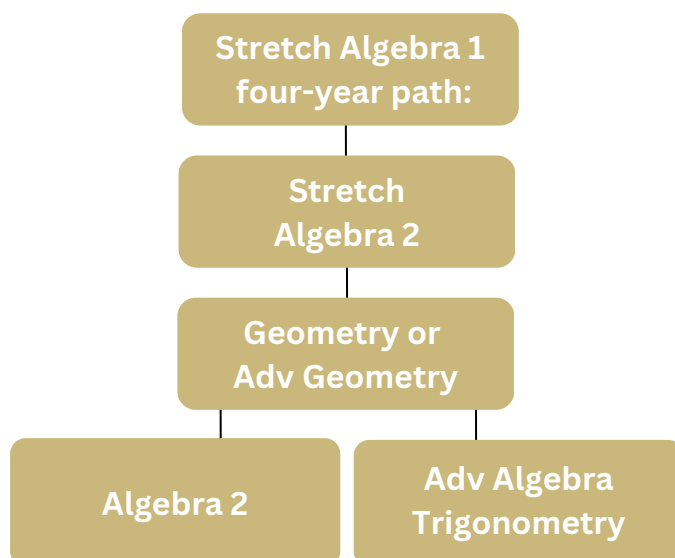
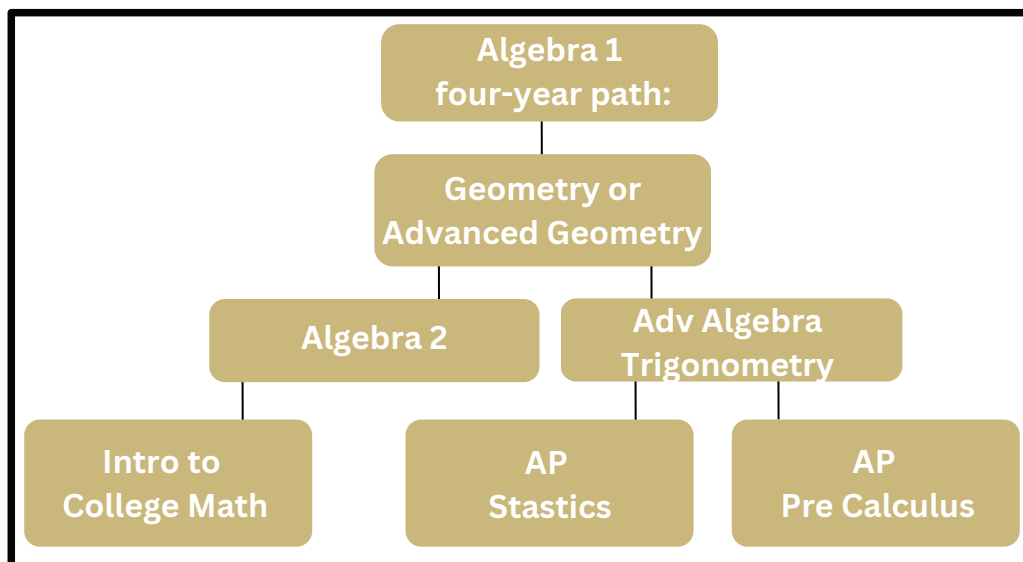
This is a dual credit course with UW Green Bay. Tuition will be charged.
The content of this course is the same as AP Literature; however, students will earn university credit at a reduced tuition through the College Credit in High School (CCHS) program through UW Green Bay. This credit transfers to many other universities, especially UW System schools.

AP English Language & Composition #

Grade Level	11-12	Credit/Semester	1	Dual Credit	No
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This college-level course is designed to provide the in-depth reading and writing skills that students need for college success. Critical and responsive reading skills are cultivated and developed using diverse fiction and nonfiction texts. Writing activities support and deepen students' understanding and control of formal conventions of written language, while broadening their understanding of how language is used rhetorically in formal and informal texts.

MATHEMATICS



Algebra 1

Grade Level	9	Credit/Semester	1	Dual Credit	No
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Algebra is an entry level math course for those incoming freshmen who are placed by the middle school math department. Included in this curriculum is the study of number systems, properties, equations, inequalities, functions, exponents, factoring, slopes, graphing, square roots, quadratics, problem solving, and basic statistics. Algebra is the beginning of a four-year sequence of college prep math. Students will be introduced to basic concepts of probability and statistical analysis. A scientific calculator is strongly encouraged for any student taking Algebra. The TI-30Xa, or equivalent, is the recommended calculator for this course. This calculator will be used for all four years of high school math and science

Geometry

Grade Level	10	Credit/Semester	1	Dual Credit	No
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This course introduces students to the inductive and deductive reasoning necessary to prove relationships in one-,two-, and three-dimensional geometric figures (such as segments, angles, triangles, polygons, circles, and polyhedra). Students will explore these relationships through constructions and transformations both by hand and using technology, use their algebra skills to solve problems and justify relationships, and then apply their findings to situations involving area, volume, and trigonometry to solve real world problems. Students will also apply theorems involving congruence and similarity. A scientific calculator is required for this course.

Advanced Geometry #

Grade Level	9-10	Credit/Semester	1	Dual Credit	No
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Prerequisite(s)	Algebra or Stretch Algebra 2	Algebra 1
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Advanced Geometry covers the same content as Geometry but at a higher level. Students will explore the ideas of Advanced Geometry in depth by making and justifying conjectures, and critiquing and revising the thinking of others. Students will discover relationships using inductive reasoning and then prove them with deductive arguments. Dynamic Geometry software will be used on a regular basis to discover, prove, and disprove ideas. Students will be challenged to apply the ideas they discover to solve real world problems. A scientific calculator is required for this course.

Math Reasoning

Grade Level	11-12	Credit/Semester	1	Dual Credit	Yes
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Prerequisite(s)	Geometry
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All college students, regardless of their college major, need to be able to make reasonable decisions about fiscal, environmental, and health issues that require quantitative reasoning skills. A collaborative, activity-based approach is used in this course to explore numerical relationships, perhaps, proportional relationships, algebraic reasoning, and problem solving using linear, exponential and other mathematical models. Students will develop conceptual and procedural tools that support the use of key mathematical concepts in a variety of contexts. This class is for students interested in going to Madison College (MATC) or other technical college.

Algebra 2

Grade Level	11-12	Credit/Semester	1	Dual Credit	No
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Prerequisite(s)	Geometry or Adv Geometry
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The first half of this course is designed to review the fundamental algebraic processes first explored in Algebra. These processes will be further developed and explored. The second half of this course consists of the in-depth study of functions, quadratic relations and their graphs, exponential functions; basic geometric trigonometry will also be reviewed in preparation for students planning to take the ACT. The use of scientific calculators will be required. The TI-30Xa, or equivalent, is the recommended calculator for this course.

Advanced Algebra/Trigonometry #

Grade Level	11-12	Credit/Semester	1	Dual Credit	No
Prerequisite(s)	Geometry or Adv Geometry				

The first half of this course is designed to review the fundamental algebraic processes first explored in Algebra with the intent to extend and advance the applications of these skills in real-world contexts and in applications. The second half of the course consists of the study of polynomial, rational and exponential functions as well as analysis of their graphs. Students will be introduced to logarithms, and trigonometry, and complete the course with the skills to be successful in higher math courses. Scientific calculators are sufficient for this course (recommended: TI-30Xa, or a similar calculator). However, if a student is planning to continue on to a higher-level math course such as Statistics or Calculus, they may choose to instead purchase a graphic calculator (recommended: TI-83 and/or TI-84). We will learn how to use these graphing calculators in this course, and all students will have access to one during the units in which they'll be used.

Integrated College Math

Grade Level	12	Credit/Semester	1	Dual Credit	No
Prerequisite(s)	Grades 9				

Through activities, investigations and the use of technology, students develop a conceptual understanding of linear, exponential, quadratic, trigonometric and logarithmic functions. Students learn how to transform all families of functions, and series and explore elementary college statistics. A graphing calculator (the TI-83 or TI-84 Silver Plus,) will be used and is strongly recommended, but not required for this course. At the least, a student should have a scientific calculator. (Students planning on taking upper level math classes in college need a graphing calculator). NOTE: Any student who has successfully completed Advanced Algebra/Trigonometry cannot receive credit for Integrated College Math since mastery of these topics has already been established.

AP Pre-Calculus #

Grade Level	11-12	Credit/Semester	1	Dual Credit	No
Prerequisite(s)	Adv Alg/Trig				

AP Precalculus is designed to be the equivalent of a first semester college precalculus course. AP Precalculus provides students with an understanding of the concepts of college algebra, trigonometry, and additional topics that prepare students for further college level mathematics courses. This course explores a variety of function types and their applications—polynomial, rational, exponential, logarithmic, trigonometric, polar, parametric, vector-valued, implicitly defined, and linear transformation functions using matrices. Throughout the course, the mathematical practices of procedural and symbolic fluency, multiple representations, and communication and reasoning are developed. Students experience the concepts and skills related to each function type through the lenses of modeling and covariation and engage each function type through their graphical, numerical, analytical, and verbal representations.

AP Calculus AB #

Grade Level	9-10	Credit/Semester	1	Dual Credit	No
Prerequisite(s)	Pre-Calculus				

This course covers the full curriculum of first semester college calculus. Topics that are covered are limit theory, continuity, differentiation, implicit differentiation, applications of differentiation, curve sketching, anti-derivatives, area under and between curves, the fundamental theorem of calculus, differentiation and integration of logarithmic exponential, trigonometric, and other transcendental functions, l'Hopital's rule, and revolution of solids. The AP exam is offered at the beginning of May, so the course is set at an accelerated pace in order for us to cover the entire curriculum and have plenty of prep time before the AP exam. Additional hours beyond classroom time are required in order to keep pace in the course. A graphing calculator (TI-84) is required.

AP Calculus BC #

Grade Level	12	Credit/Semester	1	Dual Credit	No
Prerequisite(s)	AP Calculus AB				

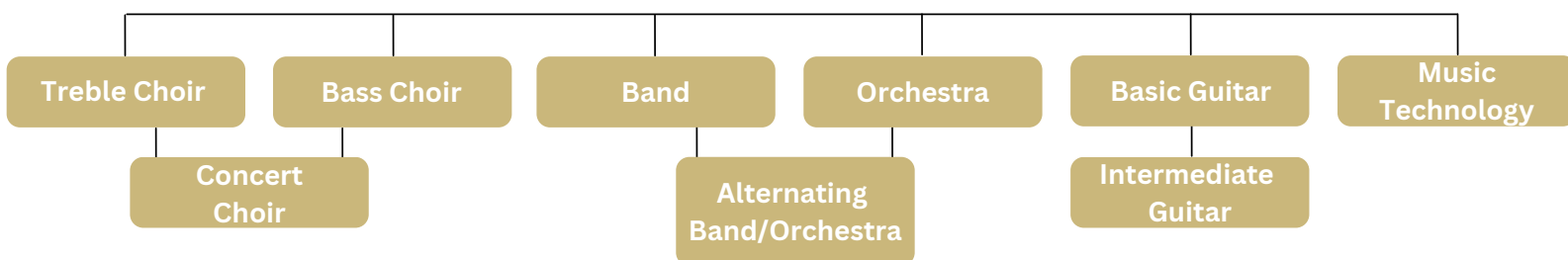
This course is the equivalent of an introductory college-level calculus course. In this course, students study limits, continuity, differentiation, and integrated algebraic, trigonometric, and transcendental functions, as well as explore applications and derivatives and integrals, infinite series, and parametric and polar equations. Students prepare for the AP exam and further studies in science, engineering, and mathematics. Additional hours beyond classroom time are required in order to keep pace in the course.

AP Statistics #

Grade Level	11-12	Credit/Semester	1	Dual Credit	No
Prerequisite(s)	Adv Alg/Trig or Algebra 2				

AP Statistics is the high school equivalent of a one semester introductory college statistics course. In this course, students develop strategies for collecting, organizing, analyzing, and drawing conclusions from data. Students design, administer, and tabulate results from surveys and experiments. Probability and simulations aid students in constructing models for change behavior. Sampling distributions provide the logical structure for confidence intervals and hypothesis tests. Students use a TI-83/84 graphing calculator, Minitab statistical software, and Web-based java applets to investigate statistical concepts. To develop effective statistical communication skills, students are required to prepare frequent written and oral analyses of real data.

MUSIC



Band

Grade Level	9-12	Credit/Semester	1	Dual Credit	No
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Prerequisite(s)

Wind and percussion students may continue their music education through participation in the LMHS Band Program, which includes Concert Band, Marching Band, Pep Band, Jazz Ensemble, and numerous other performing ensembles. Students in these ensembles will experience a wide variety of musical styles. This class will include out-of-class commitments such as, but not limited to: Summer Marching Band Camp and Rehearsals, Concerts, Parades, and Pep Band. In addition to class, students will take one lesson every two weeks in a small group or individually during or before the school day.

In the fall, all students will be a part of the L-Cat Marching Band, which will transition to concert band at the completion of the marching season. Band members will also have the opportunity to participate in chamber ensembles such as brass choir, woodwind choir, percussion ensemble, and other chamber ensembles that will perform on concerts and participate in WSMA Solo and Ensemble Festivals.

Summer lessons are required for incoming freshmen and are scheduled by request for grades 10-12.

Cost: There is a fee associated with the course. Please reach out to your school counselor with questions or concerns.

Orchestra

Grade Level	9-12	Credit/Semester	1	Dual Credit	No
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Prerequisite(s)

Orchestra is a course available to string players; wind players interested in playing in the orchestra must be members of the school band. The orchestra performs both as a string choir and as a full orchestra ensemble. Music from a variety of musical styles is performed, from early music to contemporary songs.

Attendance at all scheduled rehearsals and concerts is required. In addition to orchestra, you may participate in smaller ensembles (chamber orchestra, string quartets, trios, etc.).

Lessons are required. At the discretion of the director, students may participate in Solo and Ensemble Festival. This class will include out-of-class concert commitments (fall, winter, two in spring).

Treble/Bass Choir

Grade Level	9-12	Credit/Semester	1	Dual Credit	No
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Prerequisite(s)

Treble Choir - for those who have a higher vocal range (soprano/alto)

Bass Choir - for those who have a lower vocal range (tenor/bass)

These training choirs are open to anyone in grades 9-12. The curriculum is set up as a yearlong course so students joining in mid-year will need to do some individual work to catch up to the rest of the group regarding theory and sight-reading. Students do not need to feel like they are a "good singer" to join this group. They only need the desire and discipline to participate and learn as part of a supportive atmosphere. The "how to" of singing will be taught in this class. The basics of music reading, vocal production, music theory, and singing with confidence will be emphasized.

Students will experience a wide variety of music styles ranging from early music to contemporary music including world music in their original languages, spirituals, gospel, folk, and pop. Choir members will be required to participate in concerts and attend voice lessons and/or sectionals as scheduled by the director. Extended opportunities for individuals include Solo & Ensemble and various Honor Choirs.

Concert Choir

Grade Level	11-12	Credit/Semester	1	Dual Credit	No
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Prerequisite(s) Grades 11-12, Treble/Bass Choir

This is an advanced year-round SATB chorus, and students must sign up for both semesters. Emphasis is placed on learning challenging repertoire at a faster pace. To do so, members must demonstrate a good foundation in vocal technique and music theory knowledge as well as have a strong group work ethic. Students will sing a wide variety of styles, expand their music theory knowledge and grow in confidence as an independent singer. Attendance at concerts and scheduled music festivals will be required. Individual projects and small ensemble work will be part of this course. Extended opportunities for individuals include Solo & Ensemble and various Honor Choirs. Concert uniforms are supplied for members. Students need to supply black dress shoes. Cost: There is a fee associated with the course. Please reach out to your school counselor with questions or concerns.

Music Technology

Grade Level	10-12	Credit/Semester	0.5	Dual Credit	No
Prerequisite(s)		Grades 10-12			

This course will utilize technology to understand, create and record music as well as explore the world of live sound production. Students will learn how to use various music software, hardware, recording programs and notation programs. Other topics that will be explored include music theory and compositional techniques. Career options explored will include performing, broadcasting, producing, and audio engineering.

Beginning Guitar

Grade Level	9-12	Credit/Semester	0.5	Dual Credit	No
Prerequisite(s)		Grades 9-12			

The students in this class will learn the basic skills and knowledge needed to play the guitar. We will also focus on the history and characteristics of this instrument, and begin to understand its importance in many styles of music. Some of the topics covered will include: playing of simple notes and rhythms, strumming patterns, reading basic chords, tablature, basic music theory and chord progressions. Other topics that may be studied include types of guitars and equipment and finger picking. Students are expected to supply their own capos. Students are encouraged to provide their own instrument. Limited number available through the school.

Intermediate Guitar

Grade Level	9-12	Credit/Semester	0.5	Dual Credit	No
Prerequisite(s)		Beginning Guitar			

Students in this class will continue and expand on the knowledge and skills learned in Beginning Guitar. Students will learn intermediate/advanced chords, the different types of barre chords, scales and modes, and practice advanced finger picking techniques. Students will also continue to explore the significance of guitar across various cultures and genres of music throughout history. Other topics of study may include singing and accompanying. Students are expected to supply their own capos.

Intro to Songwriting

Grade Level	9-12	Credit/Semester	0.5	Dual Credit	No
Prerequisite(s)		Grades 9-12			

This class will serve both experienced musicians and newcomers to music, creating an inclusive environment for artistic growth. Units of study will include, but are not limited to: creating lyrics, melody, harmony, song form, exploring commercial contemporary music, and arranging for voices and/or instruments using various music software.

Students must complete 1.5 credits of Physical Education to meet graduation requirements.

9 th Grade Required	10 th Grade Required Both Semesters	11 th Grade Required Both Semesters	12 th Grade Required One Semester
- PE 9 - Health	- PE 10 - Strength	- Strength - Advanced Strength - Lifetime Wellness	- Strength - Advanced Strength - Lifetime Wellness

PE 9 & Health

Grade Level 9 **Credit/Semester** 0.25 **Dual Credit** No

Prerequisite(s) Grades 9

In the Physical Education course, students will participate in group and team activities to learn to work with other members of their class. The students will focus on skill development and implementing those skills into a game situation. There will be an emphasis on endurance, strength and flexibility and how each component relates to overall physical fitness. The students will participate in physical fitness testing to determine their individual levels of fitness.

The Health Education course is designed to assist students in obtaining accurate information, developing lifelong positive attitudes and behaviors, and making wise decisions related to their personal health. Coursework will include personal and community health; mental, emotional and social health; injury and prevention and safety, nutrition and physical activity; alcohol, tobacco, and other drugs; human growth and development and sexual health. Central themes are the acceptance of personal responsibility for lifelong health, respect for and promotion of the health of others, an understanding of the process of growth and development, and informed use of health-related information, products and services.

PE 10

Grade Level 10 **Credit/Semester** 0.25 **Dual Credit** No

Prerequisite(s) Grades 10

During the second year, students participate in activities similar to those of the ninth grade. They build on the skills they learned in ninth grade and continue to apply them to game situations. They continue to learn and apply the principles of fitness in their understanding of the importance of exercise in their daily lives. They work to improve their fitness levels as they compare their scores on the Presidential Physical Fitness tests from the year before.

Lifetime Wellness

Grade Level 11-12 **Credit/Semester** 0.25 **Dual Credit** No

Prerequisite(s) Grades 11-12

This course is designed to teach the students about fitness concepts and benefits of a lifetime of physical activity. All students will be informed, independent decision makers who will make healthy lifestyle choices a lifelong habit. Units will include the following but not limited to biking, cross country skiing, golf, horse shoes, tennis and disc golf.

Strength Training & Conditioning

Grade Level 10-12 **Credit/Semester** 0.25 **Dual Credit** No

Prerequisite(s) Grades 10-12

This class encourages students to understand the link between physical activity and body movement in an athletic and on athletic setting. During the class students will gain the knowledge of the five components of fitness through a training program. The class will show students that physical activity has immediate benefits of lowering levels of body fat while increasing lean body mass, increasing self-esteem and reducing stress as well as being active for life.

Advanced Strength Training & Conditioning

Grade Level 11-12 **Credit/Semester** 0.25 **Dual Credit** No

Prerequisite(s) Strength Training

Workouts will be strict and in alignment with the strength and conditioning programs created by LMASD athletic coaches. Student-Athletes will be allowed to use this workout to avoid pre/post practice lifts. This class is an intense course that requires discipline, focus and aligns with elite strength programs of some Wisconsin high schools and colleges.

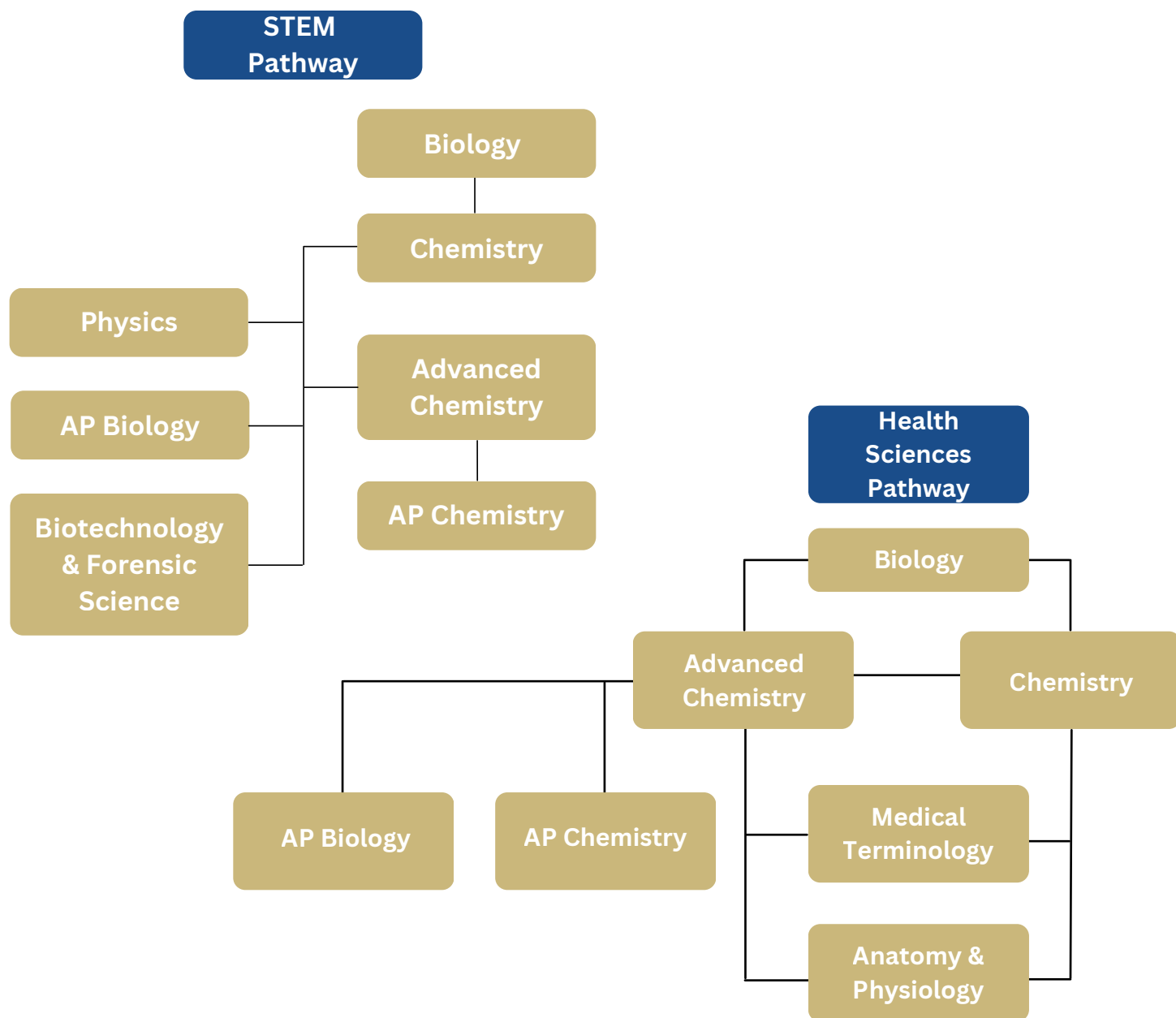
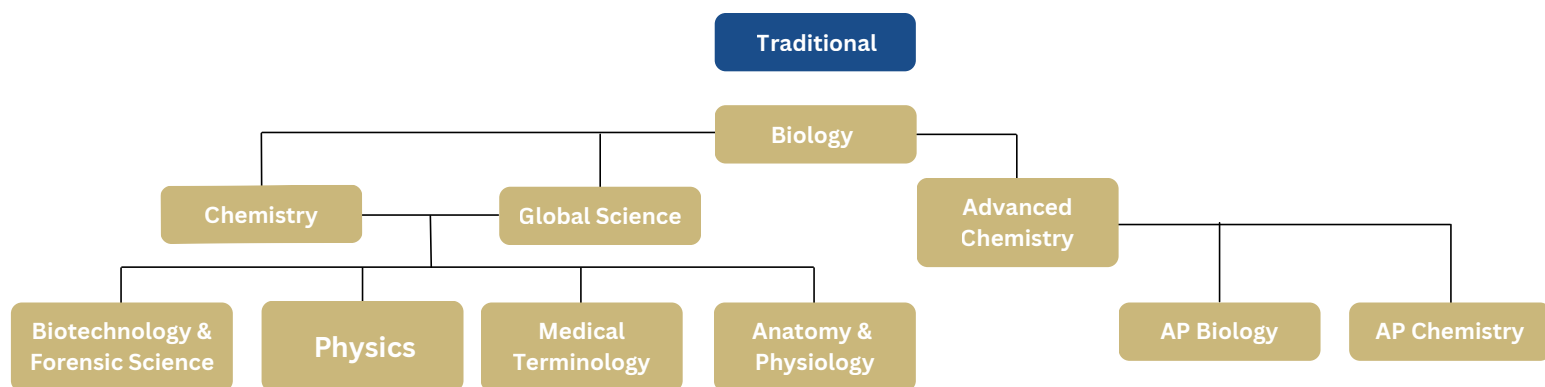
Sports Officiating (online)

Grade Level 10-12 **Credit/Semester** 0.5 **Dual Credit** No

Does not count towards PE credit

Sports Officiating will take a closer look at the career of sports officials. Students will learn how to develop and build the skills of officiating, for example: conflict management, decision-making, communication, and goal setting skills. They will examine the importance of being physically and mentally fit in regard to the demands of officiating. The course will conclude with a look into the professional and legal responsibilities of sports officials.

SCIENCE



Students must complete 3 credits of Science to meet graduation requirements.			
9 th Grade Required	10 th Grade Required Both Semesters	11 th Grade Required Elective Science	12 th Grade Elective Science
Biology	- Global Science - Chemistry - Advanced Chemistry	Follow Pathway	Follow Pathway

Biology

Grade Level	9	Credit/Semester	1	Dual Credit	No
Prerequisite(s)		Grades 9			

This course is designed to provide a general knowledge of life sciences. It is structured to provide the student with an insight into the major fields of modern biology, as well as a sound background in the basic biological concepts that affect the various forms of life.

Integrated Global Science

Grade Level	10	Credit/Semester	1	Dual Credit	No
Prerequisite(s)		Grades 10			

This course examines the earth in the context of our solar system and the different cycles that are observed on earth, as well as exploring various environmental science topics as they relate to human interaction with the earth. Topics will include earth/moon/sun relationships, earth's cycles, and numerous topics concerning how humans have influenced our environment on earth. This course will be largely lab and discussion based.

Chemistry

Grade Level	10-11	Credit/Semester	1	Dual Credit	No
Prerequisite(s)		Biology			

Chemistry is one of the fundamental natural sciences and is recommended for all college-bound students. We will study the ways in which chemicals act and interact with each other including: chemical and physical changes, energy transfer, atomic structure, the periodic table, bonding, and chemical reactions. This course is largely lab biased, but a significant amount of algebra is used as well. A scientific calculator is required.

Advanced Chemistry #

Grade Level	10-12	Credit/Semester	1	Dual Credit	No
Prerequisite(s)		Biology			

Advanced Chemistry explores new topics from those in chemistry while also delving deeper into previously covered topics. The focus of the course is on using chemistry and mathematical skill to uncover the more complicated nuances of how the chemicals around us interact. You will be pushed to solve problems creatively and efficiently as a scientist would. It is challenging, exciting, and recommended for all students interested in continuing in science, medicine or related careers. A good work ethic and strong math skills will also be necessary.

AP Chemistry #

Grade Level	11-12	Credit/Semester	1	Dual Credit	No
Prerequisite(s)		Advanced Chemistry			

AP Chemistry course provides students with a college-level foundation to support future advanced coursework in chemistry. Students cultivate their understanding of chemistry through inquiry based investigations, as they explore content such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium. The AP Chemistry course is designed to be the equivalent of the general chemistry course usually taken during the first college year.

Students must complete 3 credits of Science to meet graduation requirements.

9 th Grade Required	10 th Grade Required (choose one)	11 th Grade Required Elective Science	12 th Grade Elective Science
Biology	- Global Science - Chemistry - Advanced Chemistry	Follow Pathway	Follow Pathway

Biotechnology & Forensic Science

Grade Level 11-12 **Credit/Semester** 1 **Dual Credit** Yes

Prerequisite(s) Chemistry

This course provides a broad introduction to the biotechnology industry, including applications in diverse areas such as health care, agriculture, environmental science, and identification (including forensics). Ethical, legal, and social issues raised by applications in biotechnology will also be discussed. Additionally, this course explores different branches of molecular biology as it relates to current technology, and many laboratory techniques such as DNA extraction, electrophoresis, and recombinant DNA technology, and genetic engineering. The Forensic Science portion of the class will include topics such as crime scene investigation, evidence collection techniques and analysis, blood typing and blood spatter, fingerprinting, DNA profiling, and culminating in a mock crime scene investigation for the final.

Physics

Grade Level 11-12 **Credit/Semester** 1 **Dual Credit** No

Prerequisite(s) Chemistry

Physics is a basic science recommended for college-bound students. Topics studied include motion, mechanics, energy, light and electricity. The class is math oriented with lab experimentation. A scientific calculator is required.

AP Biology

Grade Level 11-12 **Credit/Semester** 1 **Dual Credit** No

Prerequisite(s) Advanced Chemistry

This is a rigorous advanced course that is designed to be the equivalent of a college introductory biology course usually taken by biology majors during the first year of college. Topics will include biochemistry, energy transfer, cellular structure and specialization, cellular metabolism, mitosis and meiosis, genetics, ecology and evolution. Students will have the opportunity to take the AP Biology exam in the spring and potentially earn college credits. This course requires a lot of reading. Students should expect to spend up to 1-2 hours of work outside of class between class periods. Enrolling students should be highly motivated.

Anatomy & Physiology

Grade Level 11-12 **Credit/Semester** 1 **Dual Credit** No

Prerequisite(s) Chemistry

This course is a study of the different systems of the human body with emphasis on anatomical identification and physiological processes of each of those systems. Units studied during this course will include an introduction to anatomy, homeostasis, histology, integumentary system, skeletal system, and muscular system. A medical research paper and accompanying project are also required. The second semester focuses on the nervous system, special senses, cardiovascular system, digestive system, and respiratory system. Each unit will incorporate a focus on selected clinical/disease applications.

Medical Terminology

Grade Level 11-12 **Credit/Semester** 1 **Dual Credit** Yes

Prerequisite(s) Biology

This course focuses on the component parts of medical terms: prefixes, suffixes and word roots, and is recommended for any students interested in medicine and health related careers. Students practice formation, analysis and reconstruction of terms. Emphasis is on spelling, definition and pronunciation. Introduction to operative, diagnostic, therapeutic and symptomatic terminology of all body systems, as well as systemic and surgical terminology, is included as well.

AP Environmental Science (online)

Grade Level 11-12 **Credit/Semester** 1 **Dual Credit** No

Prerequisite(s) Biology or Global Science

This college-level course provides students with the scientific principles, concepts and methodologies required to understand the interrelationships of the natural world. Students will identify and analyze environmental problems that are both natural and human made. They will evaluate the risks associated with these problems and examine alternative solutions to addressing them. This course meets the rigorous standards of the College Board and was designed to prepare students to sit for the AP Environmental Science Exam. Students planning to take the AP Exam must complete hands-on labs at the school district to fulfill college board requirements.

SOCIAL STUDIES



Students must complete 3 credits of Social Studies to meet LMHS graduation requirements

9 th Grade Required	10 th Grade Required	11 th Grade Required	12 th Grade
World History 9	US History 10	- US History 11 & Current Issues OR - AP United States History	Social Studies Elective

10 th grade electives	11-12 th grade electives	12 th grade electives
- Psychology - Honors Modern US History - AP Psychology - Archaeology (online) - World Religions (online) - Native American Studies (online)	- Psychology - AP Psychology - Archaeology (online) - World Religions (online) - Native American Studies (online)	- Psychology - Honors Modern US History - AP Psychology - Archaeology (online) - World Religions (online) - Native American Studies (online)

World History 9*

Grade Level	9	Credit/Semester	1	Dual Credit	No
Prerequisite(s)	Grade 9				

This course will focus upon the contributions of European, African, Asian, Arab, and American civilizations. Students will utilize a variety of primary and secondary source materials to develop an understanding of the progress of human civilization and how it relates to current world events. Within this context, the development of the major world religions will be addressed.

US History 10*

Grade Level	10	Credit/Semester	1	Dual Credit	No
Prerequisite(s)	Grade 10				

This course will focus on US History from the Exploration through the 1920's. It is a continuation of 8th grade US History, emphasizing the changes that have occurred, and the responsibilities of citizenship.

US History 11*

Grade Level	11	Credit/Semester	0.5	Dual Credit	No
Prerequisite(s)	Grade 11				

This U.S. History course will focus from World War II to today. It is the last semester of U.S. History. It will explain the what and why of current U.S. History. This course is required unless enrolled in AP US History 11th grade year

Current Issues*

Grade Level	11-12	Credit/Semester	0.5	Dual Credit	No
Prerequisite(s)	Grade 11-12				

Students who like to use the newspaper, news magazines, radio, television and the Internet to stay current about today's issues, should sign up for this course. This course will allow students to use a variety of news sources to be a part of living history. The focus of the course will be on current political issues, economics, social, scientific and military developments worldwide. In addition, investigations of the newsmakers and pop culture will be included. This course can also be a Grade 12 elective course. This course is required unless enrolled in AP US History 11th grade year

AP United States History #

Grade Level	11-12	Credit/Semester	1	Dual Credit	No
Prerequisite(s)	Grade 11-12				

In this college-level course, students will utilize primary and secondary sources to develop an understanding of United States history. Students have the opportunity to take a comprehensive exam in the spring. Students earning high scores on this exam may earn three to six college credits. Enrolling students should be highly motivated. This is a year-long course and fulfills the Grade 11 Social Studies requirement. This is a challenging class and students should expect 1-2 hours of homework between each class period.

Psychology

Grade Level	10-12	Credit/Semester	0.5	Dual Credit	No
Prerequisite(s)	Grade 10-12				

This course involves the study of human behavior and is intended as an introduction to the science of psychology. Topic areas include: studies of sensation and perception, memory, states of consciousness and dreams, maturation, personality and personality theory, abnormal behavior and ways it can be dealt with and experimentation in psychology.

AP Psychology #

Grade Level	10-12	Credit/Semester	1	Dual Credit	No
Prerequisite(s)	Grade 10-12				

This course provides an overview of current psychological research methods and theories. Students will explore the therapies used by professional counselors and clinical psychologists and examine the reasons for normal human intimacy and self-reflection. Students will study core psychological concepts, such as the brain and sense functions, and learn to gauge human reactions, gather information, and form meaningful syntheses. AP Psychology prepares students for the AP exam and for further studies in psychology and life sciences.

Honors Modern US History #

Grade Level	10 & 12	Credit/Semester	1	Dual Credit	No
Prerequisite(s)	Grades 10 & 12				

In this college-level course, students will study the institutions of the United States government and its constitutional underpinnings. The course will also explore the relationship between citizens, political parties, interest groups, and mass media. Students have the opportunity to take a comprehensive exam in the spring. Students earning high scores on this exam may earn three to six college credits. Enrolling students should be highly motivated. This is a challenging class and students should expect 1-2 hours of homework between each class period.

AP US Government & Politics #

Grade Level	12	Credit/Semester	1	Dual Credit	No
Prerequisite(s)	Grade 12				

In this college-level course, students will study the institutions of the United States government and its constitutional underpinnings. The course will also explore the relationship between citizens, political parties, interest groups, and mass media. Students have the opportunity to take a comprehensive exam in the spring. Students earning high scores on this exam may earn three to six college credits. Enrolling students should be highly motivated. This is a challenging class and students should expect 1-2 hours of homework between each class period.

Sociology

Grade Level	11-12	Credit/Semester	0.5	Dual Credit	No
Prerequisite(s)	Grade 11-12				

Sociology is the science that studies human society and social behavior. This course is intended as an introduction to the science of sociology. Topics covered include: culture, social interactions, socialization, adolescence and deviance/social control. Major problems in society are studied to enable the student to acquire deeper knowledge of their social environment and to assume their role as an effective citizen.

World Religions (online)

Grade Level	10-12	Credit/Semester	0.5	Dual Credit	No
Prerequisite(s)	Grade 10-12				

This course explores the development, doctrines and practices of today’s major faiths. Students begin by examining personal religious development and then survey major religious movements. Detailed information about the beliefs and practices of Hinduism, Jainism, Buddhism, Daoism and Confucianism, Shinto, Judaism, Christianity, Islam and Sikhism are presented. New-Age religious movements and religion in the 21st century complete this extensive exploration of faith and beliefs.

Native American Studies (online)

Grade Level	10-12	Credit/Semester	0.5	Dual Credit	No
Prerequisite(s)	Grade 10-12				

This course provides students with an overview of Native American history starting with Indigenous nations before European colonization and continuing to modern day. Students will examine the effects of colonization, relations with non-Natives, federal policies, and conflicts in social, political, and economic systems. This course helps students build cultural awareness through the analysis of commonly misunderstood and often ignored parts of American history, as well as developing a deeper understanding of the importance of tribal heritage and identity from an Indigenous historical perspective.

Archaeology (online)

Grade Level	10-12	Credit/Semester	0.5	Dual Credit	No
Prerequisite(s)	Grade 10-12				

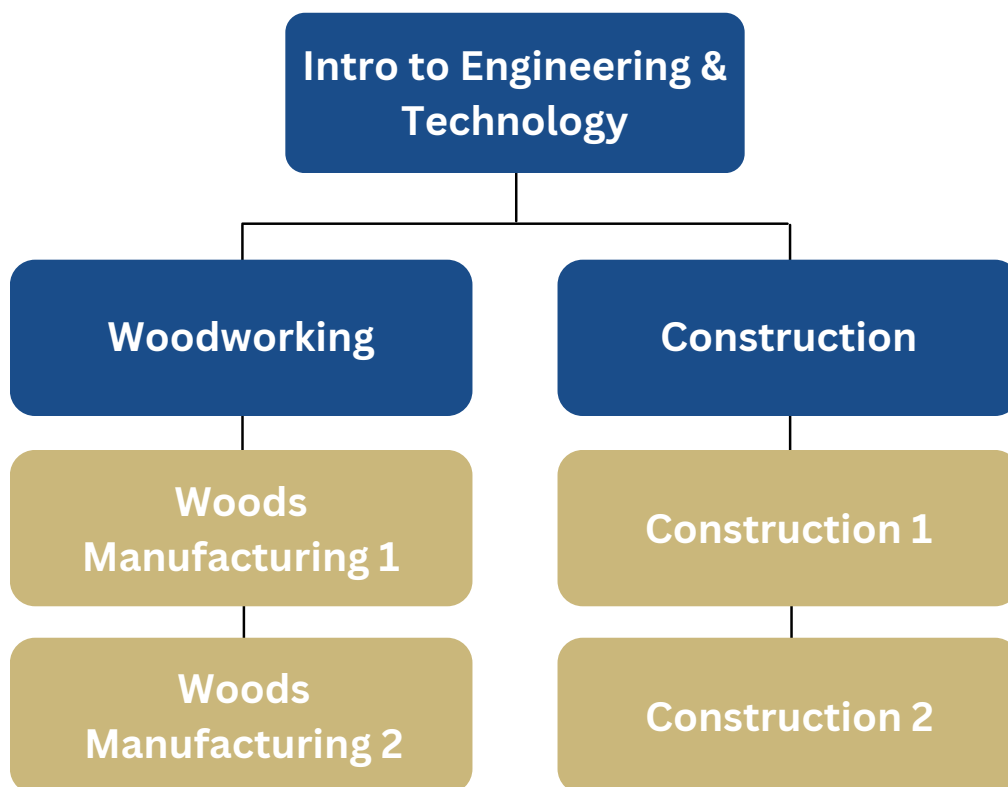
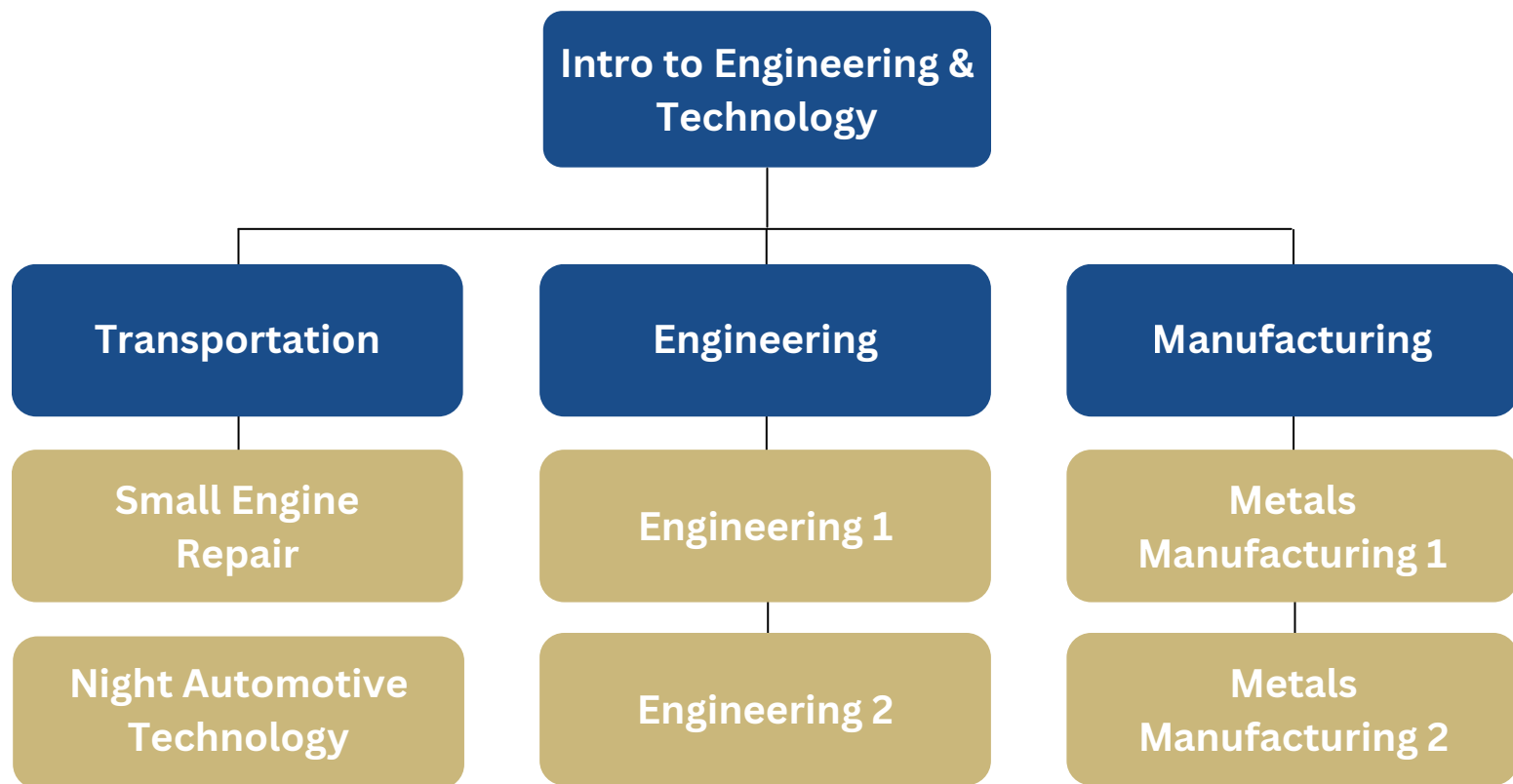
Students enrolled in this elective course will be given the opportunity to explore the field of archaeology. Modules within this course cover topics such as dating artifacts, geoarchaeology, archaeobotany, archaeozoology, and archaeological chemistry. At the end of this course, students will be able to form relationships between the concepts in archaeology and the concepts in other fields of science.

AP European History (online)

Grade Level	10-12	Credit/Semester	1	Dual Credit	No
Prerequisite(s)	Grade 10-12				

college-level course covers European history from the High Renaissance to the present. Topics include important political, economic, religious, social and intellectual developments that occurred in Europe during that time period. Students demonstrate understanding of historical events and themes through a variety of challenging and engaging writing assignments. This course meets the rigorous standards of the College Board and was designed to prepare students to sit for the AP European History Exam.

TECHNOLOGY & ENGINEERING EDUCATION



Technology & Engineering Education

Intro to Technology & Engineering

Grade Level 9-12 **Credit/Semester** 0.5 **Dual Credit** No

Prerequisite(s)

This class will give students an introduction to a wide variety of Technology Education subjects. In this class, students will explore the engineering design process by completing a series of design challenges. Students will learn about 3d modeling programs and use them to program engineering equipment. Students will operate 3d printers and laser engravers. Students will also learn about woodworking manufacturing by completing a folding chair. If time permits students may also learn basic welding operations.

Engineering 1

Grade Level 10-12 **Credit/Semester** 0.5 **Dual Credit** No

Prerequisite(s)

Intro to Tech

The intent of this STEM course is to provide students with an orientation into the history and types of engineering. Students who complete this course will learn the concepts related to data collection, systems analyzation, product development, 3d printing, laser engraving, vinyl cutting and expand their knowledge of using the 3D modeling program Solidworks.

Engineering 2

Grade Level 10-12 **Credit/Semester** 0.5 **Dual Credit** No

Prerequisite(s)

Engineering 1

The intent of the STEM course is to provide students with a more in depth understanding of the challenges and requirements it takes to be an engineer. Students who complete this course will learn the concepts related to chart making, technical communications, engineering ethics, project management, manufacturing materials and expand their knowledge and use of Solidworks. Students will have the opportunity to take the Certified Solidworks Associate (CSWA) exam. Students will prototype and manufacture an ergonomically correct cardboard chair and 3d model and manufacture a hydraulic powered arm. If time permits students will learn about simple electronics and create a single string electric guitar.

Construction 1

Grade Level 10-12 **Credit/Semester** 0.5 **Dual Credit** No

Prerequisite(s)

Intro to Tech

Students will take part in classroom and lab activities to learn construction techniques used in industry today. The course will include techniques and information including basic construction safety, construction math, hand tools, power tools, construction drawings, employability skills, rough framing, roofing, and exterior finishing. NOTE: Safety glasses are required daily and are to be provided by the student.

Construction 2

Grade Level 10-12 **Credit/Semester** 0.5 **Dual Credit** Yes

Prerequisite(s)

Construction 1

This course is a dual credit class through Madison College. Students can earn 3 credits towards the construction program at Madison College by completing the course. Students will use prior skills and gain advanced skills by completing the selected projects. Projects will include building a sawhorse, corn hole board, and a wall section. The wall section will include a floor, wall, and cut out for a sink. Students will plumb a pvc drain with a vent for the sink. Then run PEX water lines and install a fully functional sink. Students will run 3 different residential wiring setups. If time permits students will learn about drywall installation and repair. NOTE: Safety glasses are required daily and are to be provided by the student.

Youth Apprenticeship: Construction

Grade Level 11-12 **Credit/Semester** 1 **Dual Credit** No

Prerequisite(s)

Grade 11-12

If the student is serious about a career in the construction industry then this youth apprenticeship is for them. The program involves the student successfully completing Building Trades 1. The program involves 450 hours of paid work experience over one year or 900 hours over two years with a mentor/trainer. Selection for this program is done through an interview process by the coordinator, instructor and employer. New for the 2026-2025 School Year: Any students interested in participating in the YA program will need to fill out an application and go through an interview process. Please contact Mrs. Weldon for more information.

Woods 1

Grade Level 10-12 **Credit/Semester** 0.5 **Dual Credit** No

Prerequisite(s)

Intro to Tech

This is an introductory course to woodworking and cabinetmaking. It will allow the students to gain the knowledge and skills needed to plan and produce fine woodworking projects. This course will include wood identification, measurement and math skills, reading work instructions, making a cost estimate, safely learning how to use hand tools, power tools, and equipment used in industry. Beginning projects are generally, but not limited to, a shop stool, cutting board and bedside table. NOTE: Safety glasses are required daily and are to be provided by the student.

Technology & Engineering Education

Woods 2

Grade Level	10-12	Credit/Semester	0.5	Dual Credit	Yes
Prerequisite(s)	Woods 1				

This course is a dual credit class through Madison College. Students can earn 2 credits towards the Cabinetmaking program at Madison College by completing the course. This advanced course will allow students an in depth study of woodworking and cabinetmaking. It includes: advanced skill activities on all equipment, drawer construction, various joinery techniques, design elements, cost estimates, creating work instructions, and problem solving. This is accomplished through an accent cabinet build and Madison College dual credit. Students will create a production plan and complete it from start to finish to prove proficiency in the design, planning, and purchasing of materials. NOTE: Safety glasses are required daily and are to be provided by the student.

Metals 1

Grade Level	10-12	Credit/Semester	0.5	Dual Credit	No
Prerequisite(s)	Intro to Tech				

This introductory course in metalworking will orient students to the skills and knowledge necessary to understand and pursue higher levels of skills in the world of manufacturing. This course orients students to a variety of processes:

Units:

- Lathe
- Sheet Metal
- Drilling and Taping
- GMAW (MIG)
- SMAW (Stick)
- OAW (Oxy-Acetylene)

Manufacturing is a growing profession in Jefferson County and throughout the United States. Skilled workers are needed to fill these positions. Note: Safety glasses are required daily and are to be provided by the student.

Metals 2

Grade Level	10-12	Credit/Semester	0.5	Dual Credit	Yes
Prerequisite(s)	Metals 1				

This course is a dual credit class through Madison College. Students can earn 2 credits towards the Gas Metal Arc Welding (GMAW) program at Madison College by completing the course. Students in this course are provided the opportunity to broaden their general knowledge and skills in the metals manufacturing field. Students will build upon concepts and skills acquired in Metals Manufacturing 1 to learn about:

Units:

- Lathe
- Mill
- GMAW (MIG)
- SMAW (Stick)
- GTAW (TIG)
- Bending

Manufacturing is a growing profession in Jefferson County and throughout the United States. Skilled workers are needed to fill these positions. Note: Safety glasses are required daily and are to be provided by the student.

Youth Apprenticeship: Manufacturing

Grade Level	11-12	Credit/Semester	0.5	Dual Credit	No
Prerequisite(s)	Grades 11-12				

If the student is serious about a career in the manufacturing industry then this youth apprenticeship is for them. The program involves the student successfully completing Metals Manufacturing 1. The program involves 450 hours of paid work experience over one year or 900 hours over two years with a mentor/trainer. Selection for this program is done through an interview process by the coordinator, instructor and employer. New for the 2026-2027 School Year: Any students interested in participating in the YA program will need to fill out an application and go through an interview process. Please contact Mrs. Weldon for more information.

Night Automotive Technology

Grade Level	10-12	Credit/Semester	0.5	Dual Credit	No
Prerequisite(s)	Grade 10-12				

This course is available as related instruction for transportations youth apprenticeship students. It is also available for students interested in getting into the automotive maintenance technician, auto collision or diesel technician field. The class will be held on Wednesday nights from 5-9 PM at an automotive maintenance facility taught by a certified automotive instructor. ASE (Automotive Service Excellence) testing and certification may also be including with this class. Enrollment for this class will need to be in by May 1 st to your district representative. The class will run from early September-till the second week of January.

Small Engine Repair

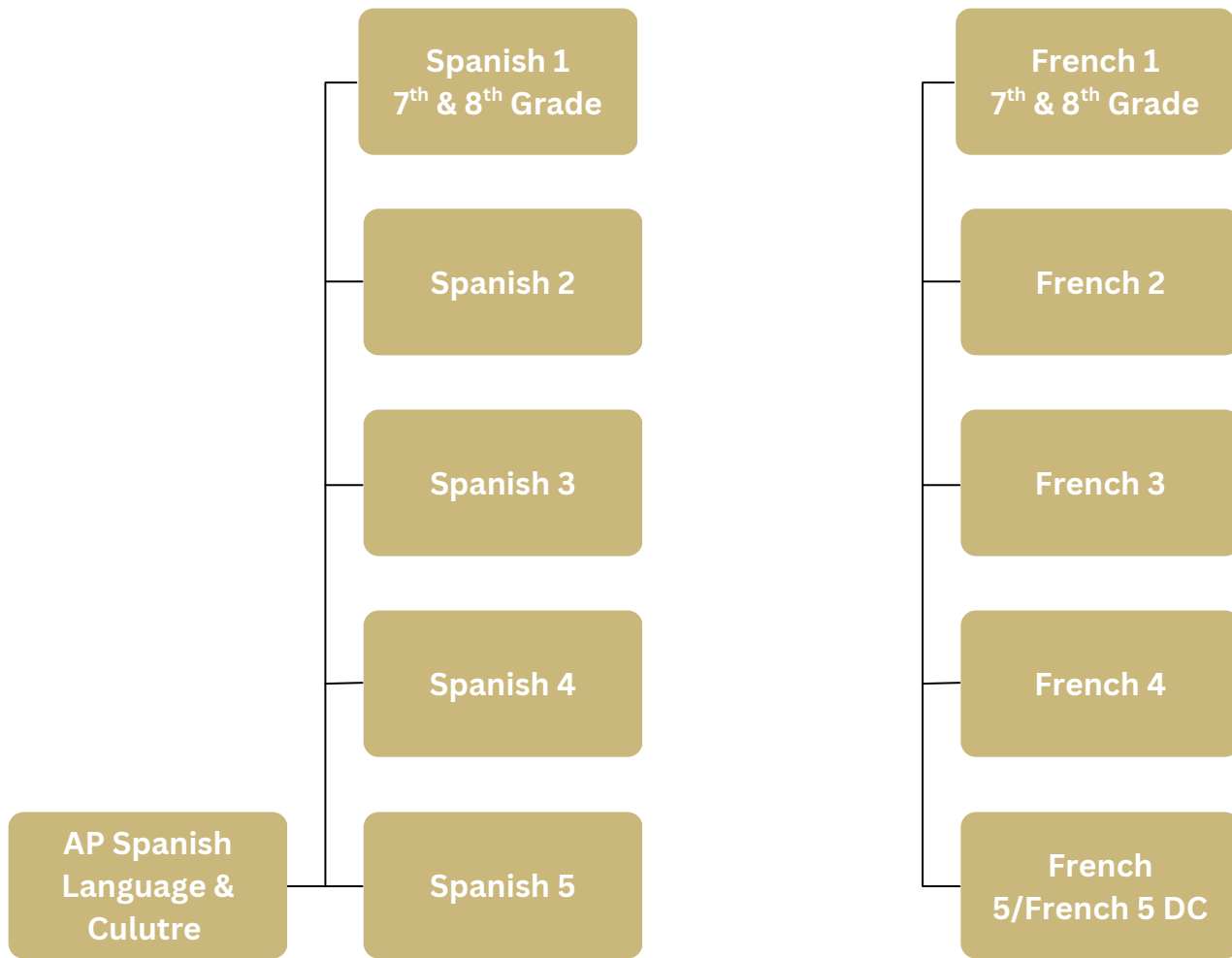
Grade Level	11-12	Credit/Semester	0.5	Dual Credit	No
Prerequisite(s)	Grade 11-12				

Students will learn about the 4 Stroke Cycle, and the role that it plays in our daily lives. Students will learn the 4 distinct actions during the 4-stroke cycle, and what internal components of the engine need to do during each stroke. They will also gain an understanding of how various components must be timed for the cycles to function. Students will also be required to perform in various labs. Labs will include measurement, engine identification, parts & tools, carburetors, compression, electrical, cooling, governors, and troubleshooting. If time allows, students will be able to bring in an engine from home for engine diagnosis and repair towards the end of the semester. Note: Safety glasses are required daily and are to be provided by the student.

Youth Apprenticeship: Transportation

Grade Level	11-12	Credit/Semester	1	Dual Credit	No
Prerequisite(s)	Grade 11-12				

If the student is serious about a career in the automotive industry, then this youth apprenticeship is for them. The program involves the student successfully completing Small Power Equipment. The program involves 450 hours of paid work experience over one year or 900 hours over two years with a mentor/trainer. Selection for this program is done through an interview process by the coordinator, instructor and employer. New for the 2025-2026 School Year: Any students interested in participating in the YA program will need to fill out an application and go through an interview process. Please contact Mrs. Weldon for more information.



French 1 Novice-Low/Mid to Novice-High Proficiency

Grade Level	9-12	Credit/Semester	1	Dual Credit	No
Prerequisite(s)	French 1 or 7 th & 8 th Grade French				

Novice level learners can communicate using memorized materials in the form of words/characters, phrases or simple sentences. Students will use and improve linguistic and cultural knowledge as they interpret, analyze and demonstrate understanding of authentic texts and conversations from diverse communities and contexts. They will also exchange information and ideas as well as present information in a variety of formats. Students are expected to speak French in class.

French 2 Novice-Mid/High to Intermediate-Low Proficiency

Grade Level	9-12	Credit/Semester	1	Dual Credit	No
Prerequisite(s)	French 1 or 7 th & 8 th Grade French				

Novice level learners can communicate using memorized materials in the form of words/characters, phrases or simple sentences. Students will use and improve linguistic and cultural knowledge as they interpret, analyze and demonstrate understanding of authentic texts and conversations from diverse communities and contexts. They will also exchange information and ideas as well as present information in a variety of formats. Students are expected to speak French in class.

French 3 # Novice-Mid/High to Intermediate-Low Proficiency

Grade Level	10-12	Credit/Semester	1	Dual Credit	No
Prerequisite(s)	French 2				

Intermediate learners can create with language, ask and answer simple questions on familiar topics and handle a simple situation or transaction. Students will use and improve linguistic and cultural knowledge as they interpret, analyze and demonstrate understanding of authentic texts and conversations from diverse communities and contexts. They will also exchange information and ideas as well as present information in a variety of formats. Students are expected to speak French in class.

French 4 # Intermediate-Low/Mid to Intermediate-High Proficiency

Grade Level	11-12	Credit/Semester	1	Dual Credit	No
Prerequisite(s)	French 3				

Intermediate learners can create with language, ask and answer simple questions on familiar topics and handle a simple situation or transaction. Students will use and improve linguistic and cultural knowledge as they interpret, analyze and demonstrate understanding of authentic texts and conversations from diverse communities and contexts. They will also exchange information and ideas as well as present information in a variety of formats. This course is the equivalent of an AP course in rigor. Students are expected to speak French in class.

French 5 # Intermediate-Mid/High to Advanced-Low Proficiency

Grade Level	12	Credit/Semester	1	Dual Credit	Yes
Prerequisite(s)	French 4				

This is a dual credit class with UW-Green Bay. Tuition will be charged.

Intermediate learners can create with language, ask and answer simple questions on familiar topics and handle a simple situation or transaction. Students will use and improve linguistic and cultural knowledge as they interpret, analyze and demonstrate understanding of authentic texts and conversations from diverse communities and contexts. They will also exchange information and ideas as well as present information in a variety of formats. This course is the equivalent of an AP course in rigor. Students are expected to speak French in class.

Spanish 1 Novice-Low/Mid to Novice-High Proficiency

Grade Level	9-12	Credit/Semester	1	Dual Credit	No
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Prerequisite(s)

Spanish 1 is an introductory course for students with little or no background in the language and who are taking it for the first time. This course is not appropriate for students who have completed 7th & 8th grade Spanish with an average of "C" or better. Through hands-on activities, students will learn the four basic language skills of listening, speaking, reading and writing. Songs, presentations, skits, readings, grammar, writing activities, group activities and online work will allow students to express themselves in a variety of everyday situations. The vocabulary has an emphasis on real-life applications including: identity, pastimes, school, families and profession. Classes are conducted primarily (-90 %) in Spanish. Students are expected to speak Spanish as much as possible in class.

Spanish 2 Novice-Mid/High to Intermediate-Low Proficiency

Grade Level	9-12	Credit/Semester	1	Dual Credit	No
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Prerequisite(s) Spanish or 7th & 8th Grade Spanish

This course will reinforce basic language skills in action. Students will learn to express themselves in a more sophisticated way, creating complex sentences in the present and past tenses and through the usage of authentic Spanish materials. Songs, presentations, skits, readings, grammar, writing activities, group activities and online course work will allow students to express themselves in a variety of everyday situations based on shopping, home, health and communities. Written and oral communication will be emphasized with classes conducted primarily in Spanish. Students are expected to speak Spanish the majority of the class and complete daily work.

Spanish 3 # Novice-Mid/High to Intermediate-Low Proficiency

Grade Level	10-12	Credit/Semester	1	Dual Credit	No
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Prerequisite(s) Spanish 2

Students continue to develop their reading, writing, and speaking skills by building on what they learned in Spanish 1 and 2. Conversation practice including dialogues and speeches will be an important part of the course. Themes include hobbies, childhood, neighborhood, professions and nature, while grammar topics include the future and subjunctive tenses. Reading comprehension is emphasized through the use of short stories and other selections written in Spanish. Students will continue their study of Spanish culture. Written and oral communication will be emphasized with classes conducted primarily in Spanish. Students are expected to speak Spanish as much as possible in class and complete daily work.

Spanish 4 # Intermediate-Low/Mid to Intermediate-High Proficiency

Grade Level	11-12	Credit/Semester	1	Dual Credit	No
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Prerequisite(s) Spanish 3

Students review grammar and vocabulary learned in Spanish 1, 2, and 3 as well as study more advanced grammatical structures. The subjunctive tense is mastered at this level. New themes and vocabulary are introduced. Emphasis is placed on the development of reading, writing, speaking and listening skills through dialogues, short literary selections and compositions. Students have an opportunity to do more in-depth cultural study. Students are expected to speak predominantly in Spanish and complete daily work.

Spanish 5 # Intermediate-Mid/High to Advanced-Low Proficiency

Grade Level	12	Credit/Semester	1	Dual Credit	Yes
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Prerequisite(s) Spanish 4

This class includes a comprehensive review of all grammatical structures. Emphasis is placed upon comprehension of literature through study of short stories, poetry and novels as well as composition skills. Students have an opportunity to continue in-depth study of Spanish culture. Students are expected to speak Spanish the vast majority of class.

AP Spanish Language & Culture

Grade Level	12	Credit/Semester	1	Dual Credit	Yes
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Prerequisite(s) spanish 3

The AP Spanish Language and Culture course is an advanced language course in which students are directly prepared for the AP exam. It uses as its foundation the three modes of communication: interpersonal, interpretive, and presentational. The course is conducted almost exclusively in Spanish. The course is based on the six themes required by the College Board: 1) global challenges, 2) science and technology, 3) contemporary life 4) personal and public identities, 5) families and communities, and 6) beauty and aesthetics. The course teaches language structures in context and focuses on the development of fluency to convey meaning. Students explore culture in both contemporary and historical contexts to develop an awareness and appreciation of cultural products, practices, and perspectives. Students should expect to listen to, read, and understand a wide variety of authentic Spanish language materials and sources, demonstrate proficiency in interpersonal, interpretive, and presentational communication using Spanish, gain knowledge and understanding of the cultures of the Spanish speaking areas of the world, use Spanish to connect other disciplines and expand knowledge in a wide variety of contexts, develop insight into the nature of the Spanish language and its cultures, and use Spanish to participate in communities at home and around the world. The intensity, quality, and amount of course material can be compared to that of a third-year college course. Additional hours beyond classroom time are required in order to keep pace in the course.

Spanish for Native Speakers

Grade Level	9-12	Credit/Semester	1	Dual Credit	No
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Prerequisite(s) Native or near-native Spanish fluency

This course is for native Spanish-speaking students to improve their reading, writing, and grammar skills in the Spanish language. The focus will be on correct spelling, accent placement, and grammar constructions to assist native Spanish speakers in increasing their bilingual skills to ready themselves for their future careers and college experiences. Students will also be improving their reading skills through the use of authentic texts in the Spanish language. Work time outside of class will be necessary to complete daily work and to prepare for summative assessments.

German 1 Novice-Low/Mid to Novice-High Proficiency

Grade Level 10-12 **Credit/Semester** 1 **Dual Credit** No

Prerequisite(s)

German I students are introduced to the German language through basic vocabulary and grammar. Students learn about German culture while gaining familiarity with the language. Communication and conversation skills are emphasized through the use of technology and supplemental materials.

German 2 Novice-Mid/High to Intermediate-Low Proficiency

Grade Level 11-12 **Credit/Semester** 1 **Dual Credit** No

Prerequisite(s) German 1

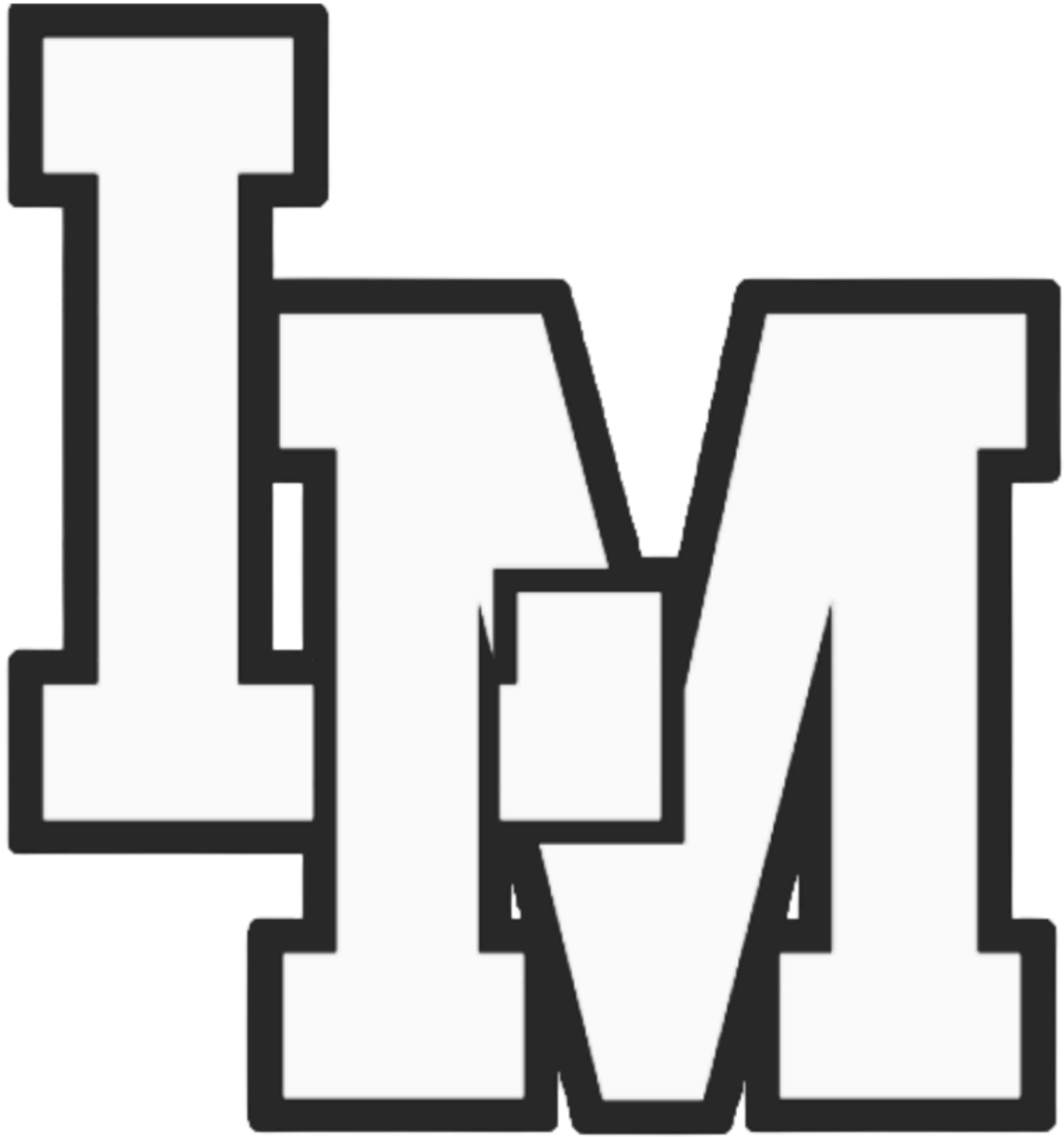
In German II, students build on their background from German I and increase proficiency in reading comprehension, written skills, and conversation. Students learn how to ask for information, describe people and places and communicate in sentence form. Cultural awareness is also strengthened through written exercises and readings.

German 3 Novice-Mid/High to Intermediate-Low Proficiency

Grade Level 12 **Credit/Semester** 1 **Dual Credit** No

Prerequisite(s) German 3

Students build upon the knowledge and background from German II and continue to increase fluency and proficiency in reading, writing, and conversational skills. Students learn more about German culture and how to participate more naturally in conversations regarding everyday activities and chores, as well as how to express themselves more fully and clearly in conversations with native German speakers. .



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