

# 2025-2026

## REGISTRATION GUIDE



**DETROIT LAKES  
HIGH SCHOOL**

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ISD #22 • Detroit Lakes, MN 56501  
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# ***TABLE OF CONTENTS***

Principals' and Counselors' Messages .....	3
Graduation Requirements .....	4
9 <sup>th</sup> Grade Scheduling.....	5
10 <sup>th</sup> Grade Scheduling.....	6
11 <sup>th</sup> Grade Scheduling.....	7
12 <sup>th</sup> Grade Scheduling.....	8
College Credit Opportunities at DLHS.....	9-13
Articulation Agreements and CLEP Information.....	9
Advanced Placement Classes .....	9, 13
Post-Secondary Education Option .....	10-11
Concurrent Enrollment Options.....	12-13
Blended Course Options.....	14
NCAA Requirements .....	15
Programs .....	16
Student Support Services .....	17
Activity Eligibility: Academic Requirements .....	18
Scheduling Procedures & Changes.....	19

## ***Course Descriptions***

<u>Career Pathway Courses</u> .....	20-27
Human Services.....	20-21
Health Sciences .....	22-23
Business and Information Technology .....	24-25
Production.....	26-27
<u>Core &amp; Global Courses</u> .....	28-50
Academy.....	28
Agriculture.....	28-30
Art.....	30
Business .....	31-33
English .....	33-35
Family & Consumer Science.....	36-37
Industrial Technology .....	37-39
Math .....	40-41
Music .....	42-43
Physical Education & Health.....	43-45
Science.....	46-47
Social Studies.....	47-48
Work Based Learning.....	49
World Languages.....	49-50
Quick Course Reference Guide.....	51-53

## Principals' Message to DLHS Parents and Students

Students and Families,

At DLHS we allow student choice to guide the courses we offer each year. Students and parent play a vital role in the planning process for each school year. There are important decisions to make, and this is a chance for students to let their voices be heard. Students: this is your chance to choose which classes you want to take that will help you prepare yourself for your future.

Registration is your chance to vote.

The ability to vote comes with a very important responsibility. The responsibility is to know what you are voting for. In this document and the information shared with the counselors this year, you will get all that you need to know to make the decisions for the classes you choose.

You will notice that all of our classes are semester-length classes. Students have the ability to take fourteen classes each school year. As you are deciding which classes to take, make sure you listen to your counselor's instructions and take time to look through this information.

Make sure you balance between the fun classes you would like to try and the classes you need to help you be career and college ready. If you aren't sure what to register for, meet with your counselor or ask a teacher. They will be very helpful.

Remember we use the "votes" for classes to make decisions on which classes will run and how many teachers will teach them. Be careful and thoughtful as you register. We will do our best to offer a broad range of courses to meet the needs of our students. Unfortunately, we can't always offer a specific class that you want if there aren't enough students registered. We do our best to meet the course requests of our students.

Thanks for taking the time to register!

Josh Omang  
Principal

Justin Messer  
Assistant Principal

## Counselors' Message to DLHS Parents and Students

We take pride in working with our students and their families. DLHS staff provide opportunities for students to learn about their interests and abilities and explore personal, educational, and career choices. Our goal is to help students recognize their own potential and teach them to use the resources available to them to develop a plan and carry it out, both in the present and in the future.

Here at DLHS, Counselors collaborate with students, families, community members, and school personnel to assure that all students realize and integrate their academics, career and personal/social potential in order to develop and achieve an individualized vision of success. There are many options for our students to explore to ensure that they are ready for post-secondary life. For example, we have a wonderful Academy program that allows a student to gain experience in a career field that may interest them through an internship during their 12<sup>th</sup> grade year. Post-Secondary Enrollment Option (PSEO), Concurrent Enrollment (CE) and Advanced Placement Courses (AP) provide an opportunity for the students of our high school to earn college credit while they are still enrolled in high school. We also offer Career and Technical Education Courses (CTE), Fine Arts courses, and a variety of Physical Education and World Language courses that will stimulate a student's creative side and open up many possibilities!

We encourage you to contact a counselor if you have any questions or concerns. We look forward to working with students and families as they progress on their high school journey!

Sincerely,

Doreen Richter (A-G)  
Sara Pender (H-N)  
Nathan Ochsner (O-Z)

### Note:

- **All courses in this guide are subject to change and may not be offered based on student enrollment. Students should be prepared for this possibility. Students will be notified as soon as possible if this occurs.**
- **Credits may change due to state or district requirements.**

## ***DLPS - Graduation Requirements for 2026+***

<b>Department</b>	<b>50 Total Credits Required for Graduation</b>
<b>Pathway</b>	2 Cr of Seminar 2 Cr of Pathway Exploration 2 Cr of Pathway 1 Credit of Vantage/Internship and 1 Credit of Pathway 8
<b>Language Arts</b>	2 Cr of English 9 in grade 9 2 Cr of English 10 in grade 10 2 Cr of Literature in grade 11 or 12 1 Cr of Composition in grade 11 or 12 1 Cr of Student's Choice in grade 11 or 12 8
<b>Social Studies</b>	2 Cr of World Geography in grade 9 2 Cr of U.S. History in grade 10 1 Cr of Economics 1 Cr of Government 1 Cr of World History 7
<b>Science</b>	2 Cr of Earth Science 2 Cr of Biology 2 Cr of Chemistry or Physics 6
<b>Mathematics</b>	6 Cr of Math through Algebra 2 2 Cr of Algebra and/or Geometry 2 Cr of Algebra 2 2 Cr of Math Elective as needed 6
<b>Physical Education &amp; Health</b>	1 Cr of Laker Wellness in grade 9 1 Cr of Fitness 1 Cr of Health 1 Cr of active Phy Ed 4
<b>Fine Arts</b>	2 Cr to be chosen from Media Arts/Visual Arts/Music/Theatre 2
<b>Financial Literacy</b>	1 Cr of 21 <sup>st</sup> Century Skills 1
<b>Electives</b>	12
<b>Total Classes A Student Could Take During Their DLHS Career</b> Class of 2026 – 60      Class of 2027 – 58      Class of 2028+ – 56	

## *9<sup>th</sup> Grade Scheduling*

Students at DLHS have seven class periods each semester in which to take courses. Students can take a maximum of seven classes per semester. Students can take eight classes if they take DLHS Jazz Band or Laker Singers during Zero Hour. 11<sup>th</sup> and 12<sup>th</sup> grade students can take six classes if they are on track for graduation.

For both semesters of their 9<sup>th</sup> grade year, all students in 9<sup>th</sup> grade need to register for the following classes:

- Seminar
- Math
- English
- Science
- 
- Social Studies

Our 9<sup>th</sup> grade students will then complete their schedule by selecting five classes from the following (19 options):

- Agriculture/Industrial Tech: Agriculture, Food, and Natural Resources (AFNR), Intro to Drafting, Intro to Woods, Intro to Metals
- Art: Intro to Art, Drawing, Painting, Sculpture
- Business: Intro to Word Processing
- Family and Consumer Science: Intro to Foods
- Music: Band, Choir, History of Rock and Roll
- Phy Ed: Laker Sports, Intro to Weight Training
- World Language: Spanish 1, Native Studies

Example of a 9<sup>th</sup> Grade Schedule:

<u>Semester 1</u>		<u>Semester 2</u>	
<u>Class</u>	<u>Credits</u>	<u>Class</u>	<u>Credits</u>
Seminar	1	Seminar	1
English	1	English	1
Math	1	Math	1
Science	1	Science	1
Social	1	Social	1
Elective*	1	Elective*	1
Elective*	1	Elective*	1
<b>Total Credits</b>	<b>7</b>	<b>Total Credits</b>	<b>7</b>

\* 9<sup>th</sup> Graders Must Enroll in at least Seven (7) Credits \*

\* The majority of students take Laker Wellness in 9<sup>th</sup> grade – if you take Spanish and Band/Choir during 9<sup>th</sup> grade, you will take Laker Wellness in 10<sup>th</sup> grade \*

**NOTE: 9<sup>th</sup> graders are not eligible to enroll in certain classes. Consult the registration guide entries for information on course requirements.**

# 10<sup>th</sup> Grade Scheduling

Students at DLHS have seven class periods each semester in which to take courses. Students can take a maximum of seven classes per semester. Students can take eight classes if they take DLHS Jazz Band or Laker Singers during Zero Hour. 11<sup>th</sup> and 12<sup>th</sup> grade students can take six classes if they are on track for graduation.

For both semesters of their 10<sup>th</sup> grade year, all students in 10<sup>th</sup> grade need to register for the following classes:

- Pathway
- English
- Math
- Science
- Social Studies

Our 10<sup>th</sup> grade students will then complete their schedule by selecting three classes each semester from the following classes:

- Health is required for graduation and most students take Health during 10<sup>th</sup> grade
- One of the many Electives listed in the rest of this Registration Guide

Example of a 10<sup>th</sup> Grade Schedule:

<u>Semester 1</u>		<u>Semester 2</u>	
<u>Class</u>	<u>Credits</u>	<u>Class</u>	<u>Credits</u>
Pathway	1	Pathway	1
English	1	English	1
Math	1	Math	1
Science	1	Science	1
Social	1	Social	1
Health	1	Elective*	1
Elective*	1	Elective*	1
<b>Total Credits</b>	<b>7</b>	<b>Total Credits</b>	<b>7</b>

*\* 10<sup>th</sup> Graders Must Enroll in at least Seven (7) Credits \**

*\* Students must take at least two pathway classes in their chosen pathway during 10<sup>th</sup>, 11<sup>th</sup>, and 12<sup>th</sup> grade \**

*\* Students can request pathway classes from any pathway as electives (a student in the Business Pathway can request a Human Services Pathway class as an elective) \**

**NOTE: 10<sup>th</sup> graders are not eligible to enroll in certain classes. Consult the registration guide entries for information on course requirements.**

# 11<sup>th</sup> Grade Scheduling

Students at DLHS have seven class periods each semester in which to take courses. Students can take a maximum of seven classes per semester. Students can take eight classes if they take DLHS Jazz Band or Laker Singers during Zero Hour. 11<sup>th</sup> and 12<sup>th</sup> grade students can take six classes if they are on track for graduation.

For both semesters of their 11<sup>th</sup> grade year, all students in 11<sup>th</sup> grade need to register for the following classes:

- Pathway
- English
- Math
- Science
- Social Studies

Our 11<sup>th</sup> grade students will then complete their schedule by selecting three classes each semester from the following classes:

- One of the many Electives listed in the rest of this Registration Guide (including a class from any Pathway)

Example of an 11<sup>th</sup> Grade Schedule:

<u>Semester 1</u>		<u>Semester 2</u>	
<u>Class</u>	<u>Credits</u>	<u>Class</u>	<u>Credits</u>
Pathway	1	Pathway	1
English	1	English	1
Math	1	Math	1
Science	1	Science	1
Social*	1	Social*	1
Elective*	1	Elective*	1
Elective*	1	Elective*	1
<b>Total Credits</b>	<b>7</b>	<b>Total Credits</b>	<b>7</b>

*\* 11<sup>th</sup> Graders May Enroll in Six (6) Credits if they are on track for graduation \**

*\* We recommend 11<sup>th</sup> graders take Seven (7) Credits \**

*\* We encourage students to take Economics and World History during 11<sup>th</sup> grade \**

*\* Students must take at least two pathway classes in their chosen pathway during 10<sup>th</sup>, 11<sup>th</sup>, and 12<sup>th</sup> grade \**

*\* Students can request pathway classes from any pathway as electives (a student in the Business Pathway can request a Human Services Pathway class as an elective) \**

# 12<sup>th</sup> Grade Scheduling

Students at DLHS have seven class periods each semester in which to take courses. Students can take a maximum of seven classes per semester. Students can take eight classes if they take DLHS Jazz Band or Laker Singers during Zero Hour. 11<sup>th</sup> and 12<sup>th</sup> grade students can take six classes if they are on track for graduation.

For their 12<sup>th</sup> grade year all students in need to register for the following classes:

- English – both semesters
- Social – \*Am. Government\*
- Pathway Course
- Pathway Course:
- Internship/Vantage
- 21<sup>st</sup> Century Skills

Our 12<sup>th</sup> grade students will then complete their schedule by selecting three classes each semester from the following classes:

- One of the many Electives listed in the rest of this Registration Guide (including a class from any Pathway)

Example of a 12<sup>th</sup> Grade Schedule:

<b>Semester 1</b>		<b>Semester 2</b>	
<b><u>Class</u></b>	<b><u>Credits</u></b>	<b><u>Class</u></b>	<b><u>Credits</u></b>
Pathway	1	Pathway: Internship/Vantage	1-4 credits
English	1	English	1
Social* (Am. Government)	1	21 <sup>st</sup> Century Skills*	1
Elective*	1	Elective*	1
Elective*	1	Elective*	1
Elective*	1	Elective*	1
Elective*	1		
<b>Total Credits</b>	<b>7</b>	<b>Total Credits</b>	<b>6-9 credits</b>

*\* We encourage students to take American Government (graduation requirement) during 12<sup>th</sup> grade \**

*\* Students must take a one semester pathway class in their chosen pathway and one semester of Internship/Vantage during 12<sup>th</sup> grade \**

*\* Students can request pathway classes from any pathway as electives (a student in the Business Pathway can request a Human Services Pathway class as an elective) \**



# *College Credit Opportunities at DLHS*

Students at DLHS have many opportunities to take classes for college credit: Articulated Classes, College Level Examination Program (CLEP), Post-Secondary Education Option (PSEO), Advanced Placement (AP), and Concurrent Enrollment (CE).

## **Articulation Agreements**

Students earning an “A” or “B” in an articulated course at DLHS may qualify for credits at a Community and/or Technical College.

Check the website [www.CTEcreditMn.com](http://www.CTEcreditMn.com) to find out which classes offer articulation credit.

DLHS students who are enrolled in a participating class and want to pursue the articulation credit should speak with their counselor and the teacher about the process. After completing the class they will be given a certificate which they will take to the college that is part of the program.

## **College Level Examination Program (CLEP)**

The College Level Examination Program is a group of standardized tests created and administered by the College Board. These tests assess college-level knowledge in many subject areas and allow students to earn college credits without taking college courses.

See [www.collegeboard.com/CLEP](http://www.collegeboard.com/CLEP) to find out if the colleges you are interested in accept CLEP, register for CLEP exams, and find out other CLEP information.

## **Advanced Placement Classes**

Through college-level AP courses, students have the opportunity to earn credit or advanced standing at most of the nation’s colleges and universities. All passing grades in AP classes will be given a weighted grade bonus (1.0) at DLHS.

DLHS offers many exams in multiple subject areas. AP offers something for everyone. The only requirements are a strong curiosity about the subject you plan to study and the willingness to work hard. Here are just a few reasons to sign up:

### **Gain the Edge in College Preparation**

- Get a head start on college-level work.
- Improve your writing skills and sharpen your problem-solving techniques.
- Develop the study habits necessary for tackling rigorous course work.

### **Stand Out in the College Admissions Process**

- Demonstrate your maturity and readiness for college.
- Show your willingness to push yourself to the limit.
- Emphasize your commitment to academic excellence.

### **Broaden Your Intellectual Horizons**

- Explore the world from a variety of perspectives, most importantly your own.
- Study subjects in greater depth and detail.
- Assume the responsibility of reasoning, analyzing, and understanding for yourself.

### **AP Class Requirements and Registration**

- All AP classes are year-long classes.
- Students may take an AP class without taking the AP test.
- Students may take an AP test without taking the AP class.
- AP Test Registration: The AP College Board has moved test registration from the Spring to the Fall when class begins. Students planning on taking an AP test in the Spring will register in the Fall. The Counselors will assist students with test registration.

### **Post-Secondary Enrollment Option (PSEO)**

*Minnesota Statutes 2022, section 124D.09, subdivision 7, requires public school students to inform the district by May 30 of each year of the pupil's intent to enroll in postsecondary courses during the following school year to assist the district in planning. **A pupil is bound by notifying or not notifying the district by May 30**, unless the public school district has waived the deadline. Only public school students who have met this requirement are eligible for PSEO funding.*

- *DLHS recognizes that students may choose to pursue PSEO for 2nd semester. For this scenario, we are accommodating students by having a 2nd deadline of November 15 for Semester 2 classes.*

The Post-Secondary Enrollment Options program allows juniors and seniors in high school to take courses, full-time or part-time, at liberal arts, community or technical colleges, universities, or non-profit, degree-granting trade schools for both high school and college credit. The program provides students with a variety

of course offerings and the opportunity to pursue a more challenging study. The tuition, fees, and required textbooks are provided at no cost to students. Text books are to be returned to the DLHS media center upon completion of a course. All passing grades in PSEO classes will be given a weighted grade bonus (0.5) at DLHS.

Sophomores may enroll in a career or technical education course at a Minnesota State college or university if they have attained a passing score or met the 8th grade standard on the 8th grade Minnesota Comprehensive Assessment in reading and meet other course prerequisites or course enrollment standards established by the college. These standards include but are not limited to assessment test scores, program admission, or other requirements.

Students should see their counselor during registration for detailed information on this program in early spring, prior to the year they would enter the program.

Postsecondary institutions determine admission standards to participate in specific PSEO programs and courses. School districts do not make this determination. The postsecondary institution also determines the eligibility of a PSEO student to continue in the program if his/her grade(s) falls below a certain threshold. Postsecondary institutions determine the number of postsecondary courses a student can take. This could be one or more courses as allowed by the postsecondary institution for enrollment.

Funds are available to help pay transportation expenses for PSEO students whose families are at or below the poverty level, as determined by the federal government, to participate in PSEO courses on college campuses. PSEO Mileage Reimbursement Program may also be available. High Schools are not responsible for providing transportation to/from the Post-Secondary institutions.

### **Concurrent Enrollment (CE)**

DLHS offers a variety of Concurrent Enrollment (CE) courses, Concurrent Enrollment (also known as Dual Enrollment) means that eligible students may be able to receive both high school and college credit for approved classes taken at DLHS. All passing grades in CE classes will be given a weighted grade bonus (0.5) at DLHS.

Please note: College credit will be individually determined for each course based on the number of students enrolled, and at least 51% of those enrolled need to be eligible CE students in order for the class to be offered for college credit.

The academic requirements for being accepted into the CE program are:

Seniors - GPA of 2.8+

Juniors - GPA of 3.2+

## **Weighted GPA Bonus For College-Level Classes**

In accordance with MN Statute: 124D.09, Subd. 12, Credits; grade point average weighting policy. Weighted grades are awarded to recognize the rigor of certain advanced coursework. At DLHS, the following courses qualify for weighted grades:

- Advanced Placement (AP) courses: Weighted at an additional 1.0 grade point. For example, an "A" in an AP course earns 5 grade points, compared to 4 grade points in a regular course.
- Concurrent Enrollment (CE) and Post-Secondary Enrollment Options (PSEO) courses: Weighted at an additional 0.5 grade point. For example, an "A" in a CE/PSEO course earns 4.5 grade points.
- Post-Secondary Enrollment Options (PSEO): Weighted grades for PSEO courses will only be awarded for equivalent CE courses offered at DLHS.

## **Eligibility and Transfer Credits**

Weighted grades are awarded only for AP and CE/PSEO courses that align with DLHS curriculum.

When students transfer to DLHS, weighted credit will only be granted for AP courses that are also available to all DLHS students. CE/PSEO courses must meet DLHS curriculum standards to be eligible for weighted grades.

## **Grades Eligible for Weighting**

In all AP and eligible CE/PSEO courses, a grade of "A," "B," "C," or "D" qualifies for the weighted grade point adjustment. This policy ensures consistency and fairness while encouraging students to pursue rigorous academic opportunities.

# College Credit Opportunities at DLHS

#	Course	College Credits	Type of Credit	School
1	ACCT2210 – Managerial Accounting	1 Semester – 4	CE	MSTATE
2	ACCT2211 – Financial Accounting 1	1 Semester – 3	CE	MSTATE
3	ART 1110 – Introduction to Art	1 Semester – 3	CE	MSTATE
4	BUS2204 – Principles of Management	1 Semester – 3	CE	MSTATE
5	BUS2206 – Principles of Marketing	1 Semester – 3	CE	MSTATE
6	CHEM 1111 – General Chemistry I	2 Semesters – 5	CE	MSTATE
7	COMM 1120 – Intro to Public Speaking	1 Semester – 3	CE	MSTATE
8	ED 205 – Introduction to Teaching	1 Semester – 3	CE	MSUM
9	ENGL 1101 – College Writing	1 Semester – 3	CE	MSTATE
10	HIST 1101 – Western Civilization I	1 Semester – 3	CE	MSTATE
11	HIST 1102 – Western Civilization II	1 Semester – 3	CE	MSTATE
12	MATH 1114 – College Algebra	2 Semesters – 4	CE	MSTATE
13	MATH 1114 – College Algebra	Fall Semester – 4	CE	MSTATE
14	MATH 1118 – Pre-Calculus	Spring Semester – 5	CE	MSTATE
15	Child Development	TBD	Articulated	MSTATE
16	Accounting	TBD	Articulated	MSTATE
17	AP Lit. & Comp.	Depends on Score	AP	Multiple
18	AP U.S. Hist.	Depends on Score	AP	Multiple
19	AP Psychology	Depends on Score	AP	Multiple
20	AP Biology	Depends on Score	AP	Multiple
21	AP Statistics	Depends on Score	AP	Multiple
22	AP Calculus	Depends on Score	AP	Multiple
23	AP Spanish 3	Depends on Score	AP	Multiple
24	AP Spanish 4	Depends on Score	AP	Multiple
25	AP Physics	Depends on Score	AP	Multiple
<b>Total College Credits Opportunities at DLHS</b>		<b>46+</b>	<b>AP, Articulated, CE</b>	<b>MN State Colleges</b>

Type	College Credit	Weighted GPA Bonus	HS Grad Credit Bonus
AP	Yes <i>(Depends on AP test score)</i>	Yes +1.0	Not Applicable <i>*(AP Credits)</i>
CE	Yes	Yes +0.5	Yes <i>*(Depends on Course)</i>
PSEO	Yes	Maybe +0.5 <i>*(Select Classes Only)</i>	Yes <i>*(Depends on Course)</i>

Students passing a PSEO class get a 0.5 Weighted GPA Bonus and a Graduation Credit Bonus\*.

Students passing an AP class get a 1.0 Weighted GPA Bonus but no Graduation Credit Bonus\*.

Students passing a CE class get both a 0.5 Weighted GPA Bonus and a Graduation Credit Bonus\*.



## ***Blended Course Options***

Blended learning at DLHS combines the benefits of in-person instruction with the flexibility of online learning. In this model, students split their time between a supervised physical classroom and digital, self-paced instruction. Typically, students meet face-to-face with their instructor on one regular 7-period day and one block day each week, allowing for meaningful interaction and guidance.

During the remaining days, students work independently, giving them the freedom to complete assignments on a schedule that works best for them. This balanced approach provides both the structure of traditional learning and the adaptability of online education, offering students the best of both worlds.

### **Blended Fast Facts**

- Blended teachers are available in class on days the class doesn't meet in-person.
- Blended classes have required class activities for every day they do not meet in person.
- Just like every course, Blended courses are not guaranteed to run but are dependent on the number of students who request the course and successfully complete the course each year.

Blended courses are available for the courses listed below.

#	Course	Blended Course Code	Grades
1	21st Century Skills	ACA110 or ACA115	12
2	Senior Comp	ENG301	12
3	Lit and Comp	ENG411 & ENG416	11 - 12
4	AP Lit and Comp	ENG521 & ENG526	11 - 12
5	CE College Writing	ENG601	11 - 12
6	CE Intro Public Speaker	ENG621	11 - 12
7	Interior Design	FAC211	11 - 12
8	Child Dev 1	FAC301	11 - 12
9	Culinary 1	FAC321	11 - 12
10	Culinary 2	FAC331	11 - 12
11	Algebra 2	MAT301 & MAT306	11 - 12
12	Strength & Performance	PHY331	11 - 12
13	Physics	SCI221 & SCI226	11 - 12
14	American Government	SOC311	11 - 12
15	World History	SOC321	11 - 12

## Core Units Required for NCAA Certification

Below is a list of the requirements for students planning on competing for Division I or II schools. (Division III schools make their own determination of eligibility):

CORE COURSES	DIVISION I	DIVISION II
English	4 years	3 years
Math (Algebra I or higher)	3 years	2 years
Natural/Physical Science (1 year of lab if offered by high school)	2 years	2 years
Social Science	2 years	2 years
Additional Core from English, Math, or Science	1 year	3 year
Additional Core from English, Math, Natural/Physical Science, Social Science, Foreign Language, Comparative Religion, or Philosophy	4 years	4 years
<b>TOTAL CORE UNITS REQUIRED</b>	<b>16 years</b>	<b>16 years</b>

**\*\*\* Students must meet with their school counselor to determine if their selected courses meet NCAA eligibility requirements. Refer to the Quick Course Reference Guide at the end of this Registration Guide for a list of NCAA approved courses.**

- **Register with the NCAA Eligibility Center ([www.eligibilitycenter.org](http://www.eligibilitycenter.org)).** The NCAA is the organization that determines whether you are academically eligible to compete at that level. It is **highly recommended** you register your junior year rather to determine you do not have any academic deficiencies. Waiting until your senior year to register may not allow you time to fulfill these deficiencies before graduation.
- **Maintain your Core Course Grade Point Average.** On a 4.0 GPA scale, at graduation a student must have a cumulative 2.3 GPA for Division I schools or 2.2 GPA for Division II schools in their core courses.
  - **NOTE:** NCAA counts any Final Grade of Pass (P) as a D in their calculations.
- **Reach the required ACT sum.** Earn the ACT/SAT score matching your core-course GPA on the Division I & II sliding scale. For full scale details, see [www.eligibilitycenter.org](http://www.eligibilitycenter.org). Use the code 9999 to be sure the score is reported directly to the NCAA. This is an NCAA requirement.
- **Graduate from high school.** Preliminary certification may be issued for students; final certification will be issued only after final transcript receipt, including proof of graduation.

# PROGRAMS

## **DETROIT LAKES INDEPENDENT STUDY PROGRAM (ISP)**

High school students may attend the ISP under the High School Graduation Incentives criteria. Students may be referred for enrollment by Detroit Lakes High School and surrounding school districts.

### **Academic Provisions**

The Detroit Lakes Independent Study Program provides individual instruction based on the learning styles and abilities of the student through a personalized learning plan. The curriculum is tailored to each student with the assistance of technology and to comply with the future implementation of graduation rule requirements. Courses are offered in basic subject areas as well as district access and post-secondary options. Opportunities for community service and volunteer work are encouraged in all subject areas. Independent study is based on responsibility level and the instructional contact time needs of each student. The curriculum addresses cultural diversity issues and emphasizes study and task management skills.

### **Support Services**

The ISP has full access to all School District #22 support services. School nursing services, personal guidance and counseling services, social worker, minority services, school psychologist and special education services are available to all learners. Parent involvement is also encouraged. Onsite services include community education, Early Childhood Family Education with childcare, family and adult education services.

## **SPECIAL EDUCATION**

Detroit Lakes High School provides a variety of programs to students that meet special education service criteria. Specialized instruction is to be provided to all students as determined by each student's Individualized Education Plan (IEP).

## **WORK BASED LEARNING**

Throughout their high school experience students move through our work-based learning

continuum which provides experiences in the workplace at all levels, for all students. The highlighted activities for each grade level include: Career Expo for 9<sup>th</sup> graders, two Industry related fields trips within the student's pathway for 10<sup>th</sup> graders, a full day job shadow based on area of interest for 11<sup>th</sup> graders, and a semester in our Vantage/Internship program for 12<sup>th</sup> graders where students work on solving real life problems with business partners. Please contact Vern Schnathorst at 847-4491 (ext. 2119), or email at vschnathorst@detlakes.k12.mn.us if you have any questions.

## **EARLY GRADUATION**

Students who wish to graduate early must work with their counselor. These students must meet all graduation requirements. A written contract will be established and must be signed by the student, parent/guardian, counselor/principal, and approved by the school board. Minnesota Statute 120B.07.

## **ACTIVITIES REQUIREMENTS**

Students must be on track for graduation to be eligible for participation in athletics and activities. Because of the changing graduation requirements, the number of classes a student must take may change in the future. \* See **Graduation Requirements on page 3 & 4.**



# ***STUDENT SUPPORT SERVICES***

## **STUDENT SUPPORT SERVICES**

### **COUNSELING CENTER**

The counselors, Doreen Richter, Sara Pender, and Nathan Ochsner, are available to help students with academic, career, and personal/social growth. Counselors also help students with course registration.

### **AMERICAN INDIAN SERVICES**

Melanie Holmquist provides services at DLHS for our American Indian Education Program. This program assists secondary American Indian students with post-secondary preparatory guidance. The Title IX American Indian Education Program also provides a Middle School instructional tutor and instructional assistants at the elementary schools. For more specific information, contact: Joe Carrier, Title IX Coordinator at 847-9228; or Melanie Holmquist at 847-4491.

### **NURSING SERVICES**

School District Nurse administers first aid and provides vision and hearing screening. In addition, she works with the preventative aspect through health education conducive to optimum physical, social, emotional health of the students and staff. Responsibilities involve maintaining a liaison between the school, the home and the medical community.

### **HOMEBOUND INSTRUCTION FOR LONG TERM ABSENCE**

Students who are unable to attend school due to illness or accident may qualify to receive tutoring to keep up with their class work until they are able to return to school. Homebound instruction is intended for long term absence (15 consecutive school days or more). Anyone eligible for homebound instruction must contact their counselor. A doctor's note is required.

### **HOMELESS SERVICES**

The McKinney-Vento Homeless Assistance Act authorizes the Federal Education for Homeless Children and Youth Program. Allie Hefta is the District's liaison assisting students and families through this program.

DLHS began using the BARR program (Building Assets Reducing Risks) in the 2022 School Year. BARR is one of the first school-based models that integrates the Developmental Assets Framework, risk and protective factors focused on prevention strategies, and the Attribution Theory of Student Motivation. The two fundamental pillars of BARR are: 1. Creating positive, intentional relationships staff to staff, staff to student, and student to student. 2. Using real time data in collaborative problem-solving settings to guide instructional action. The model is built on the foundation that caring relationships, high expectations, and opportunities for participation are critical elements for healthy systems that encourage learning and development.

### **SCHOOL PSYCHOLOGIST**

The primary responsibility of the school psychologist, Sara Ebsen, is to evaluate the specific needs and abilities of those students referred. The purpose is to provide the student, parents, and teachers with data to assist in the development of a reasonable and appropriate educational program.

### **CHEMICAL HEALTH COORDINATOR**

The school chemical health coordinator will assist in providing service in three main areas: education and awareness of chemical abuse, intervention in the chemical abuse progression, and support to students involved in the recovery process of chemical abuse.

### **SCHOOL RESOURCE OFFICER**

School Resource Officers (SRO's) are sworn officers from the Detroit Lakes Police Department. SRO's work with the school to provide the safest learning environment possible. School administrators will consult with SRO's when a crime has been committed in the school. If a student violates a district policy that also violates a law, contact may be made with local law enforcement for possible intervention. SRO's also serve as a resource for teachers when information is requested regarding law enforcement or how first responders serve their community.

# *Activity Eligibility: Academic Requirements*

Minnesota State High School League bylaws state that; in order to maintain eligibility a student must be fully enrolled and making satisfactory progress toward graduation. In addition, students must meet Detroit Lakes High School expectations for credits, grades, and attendance as defined below.

## Credits

At Detroit Lakes High School, a student must be enrolled in at least six credit-bearing courses (seven as Freshmen and Sophomores) each term to be considered a full-time enrolled student and, therefore, eligible to participate in activities. A high school student is progressing satisfactorily toward graduation and is therefore eligible for MSHSL activities if the student has accumulated the credits according to the chart on page 5, prior to the beginning of the designated semester.

A high school student who is two or more credits behind at the beginning of an activity season is immediately ineligible. However, a student who is two to five credits behind may be declared eligible under the following conditions:

1. All classes in the previous semester were successfully completed; and/or
2. A contract, verified by the Activities Director and Administration, must be in place to ensure that the student is making up deficient credits in an order to get back on track.

## Grades

Detroit Lakes High School students must be successfully passing at least six credit-bearing courses (7 as freshman) each semester. Students will be declared ineligible for participation under the following conditions regardless of their standing in relation to credits:

1. Progress Reports
  - a. At school-designated marking periods, if a student is failing more than one course he/she will be declared ineligible until satisfactory progress is verified in the courses failed.
  - b. If you are behind credits and failing one course you will be declared ineligible until satisfactory progress is verified in the failing course.
2. End of Semesters
  - a. If a student fails more than one course in the most recently completed semester, the student will be declared ineligible for a period of two weeks. Following the two-week ineligibility period, a review of the student's current grades will be conducted. If the student is passing all courses at that time, their eligibility will be immediately reinstated. If they are failing any course at that time, they will remain ineligible until such time that all deficiencies have been corrected and verified by the classroom teacher(s).
  - b. If you are behind credits and failing one course you will be declared ineligible until satisfactory progress is verified in the failing course.

\* Taken from the DLHS Activities Handbook.

# *Scheduling Procedures & Changes*

Students will receive their schedule prior to the first day of the semester. The only changes allowed after a semester begins will be to drop a 7th or 8th class to add a study hall or to replace an inappropriate class if the student is in a course that does not match ability level. All course adds and drops are handled by the school counselors and administration.

\* PSEO and Concurrent enrollment classes do not follow the DLHS drop/add timeline.

## Schedule Changes

- The following will be the only justifiable reasons accepted for schedule changes:
  - You are missing a class (full time students must have at least 7 credits).
  - You have too many classes (students may have a maximum of 8 classes each semester).
  - You are scheduled for a class you've already taken.
  - You have completed a course on your schedule during summer school.
  - Schedule a class required for graduation.
  - There is a scheduling conflict.
  - Emergency situation approved by counselor and administrator.
  - You are exercising your Withdrawal Option.
- Schedule changes will not be allowed for the following reasons:
  - If you want to change your lunch period.
  - If you want a different teacher for a class.
  - If you want to change the period you have a certain class.
  - If you want to be in a class with a friend.
  - If you failed to turn in your registration sheet when it was due.

## Pass/Fail Option

- There is a Schedule Change form available in the counseling office. Parents must sign the form before changes will be made.
- Students may take one course for a Pass/Fail grade during their high school career.

## Withdrawal Option

- There is a Schedule Change form available in the counseling office. Parents must sign the form before changes will be made.
- Students may "withdraw" from one course during their high school career. This gives them flexibility if things in their life are getting in the way of school.
- There is no deadline to withdraw from a course.
- Students who withdraw from a course before the end of the semester will be placed in a study hall.

## Drop Option

- There is a Schedule Change form available in the counseling office. Parents must sign the form before changes will be made.
- Any drop after the 5th day of any course will result in an "F" for the class on the student's permanent transcript.
- If students do drop a course after the first 5 days, we will not move classes around in their schedule to accommodate adding another class. Classes that can be added are the ones offered that hour, or they can replace the dropped class with a study hall and make up the credit at a later time. We will not overload other classes due to a class that has been dropped.
- If a student drops/withdraws from an AP course and they have already signed up to take the exam, a refund will not be given for the cost of the exam.

**\*\*\* Pass/Withdrawal/Drop Forms are available from your counselor \*\*\***

# HUMAN SERVICE PATHWAY



**HUMAN  
SERVICES**

## **Human Services Sub-Pathways:**

Culinary Arts

Fine Arts

Teaching

Early Childhood

Counseling

Criminal Justice



## **HUMAN SERVICE PATHWAY ADVISORY BOARD**

Josh Omang - Principal  
Vern Schnathorst - Work Based Learning  
Sarah Williams - Pathway Instructor  
Amy Vanvalkenburg - Pathway Instructor  
Cali Harrier - Freshman Seminar  
Tina Lof - Special Education  
Mary Rotter - Laker Prep PreSchool,  
Marsha Erickson - West Central Initiative  
Karen Buboltz - M-State (& PSEO)  
Sara Pender - Counselor  
Tahnee Moe - MN Rural CEP  
Ashley Drewes - Pro Resources  
Steve Erickson - M-State  
Maureen Lilleby - M-State  
Jennifer Hellekson - Community Member

# HUMAN SERVICE PATHWAY

Grade	Arts/Culinary	Teaching/Early Childhood/Counseling	Legal/Criminal Justice
12	<ul style="list-style-type: none"> <li>DLHS Vantage - Internship Program</li> </ul>	<ul style="list-style-type: none"> <li>DLHS Vantage - Internship Program</li> </ul>	<ul style="list-style-type: none"> <li>DLHS Vantage - Internship Program</li> </ul>
11, 12	<ul style="list-style-type: none"> <li>CE Studio Art</li> </ul>	<ul style="list-style-type: none"> <li>Intro to Teaching</li> <li>Child Development 1</li> <li>Child Development 2</li> <li>AP Psychology</li> </ul>	<ul style="list-style-type: none"> <li>Criminal Justice</li> <li>AP Psychology</li> <li>Sociology, Anthro, Ethnic Study</li> <li>AP Statistics</li> </ul>
10, 11, 12	<ul style="list-style-type: none"> <li>Culinary 1</li> <li>Culinary 2</li> <li>Business Mngt/Entre (Business Pathway)</li> <li>Interior Design</li> <li>Food Science (Production Pathway)</li> <li>Computer Applications</li> <li>Exploration of Human Service</li> </ul>	<ul style="list-style-type: none"> <li>Unified Physical Education</li> <li>Unified Music</li> <li>Computer Applications</li> <li>Exploration of Human Service</li> </ul>	<ul style="list-style-type: none"> <li>Computer Applications</li> <li>Exploration of Human Service</li> </ul>
9, 10, 11, 12	<ul style="list-style-type: none"> <li>Intro to Foods</li> </ul>	<ul style="list-style-type: none"> <li>Intro to Art</li> </ul>	



# HEALTH SCIENCE PATHWAY



**HEALTH  
SCIENCES**

## **Health Sciences Sub-Pathways:**

Medicine

Nursing

CNA

Veterinary Medicine



## **HEALTH SCIENCE PATHWAY ADVISORY BOARD**

Josh Omang - Principal  
Vern Schnathorst - Work Based Learning  
Sam Salathe - Health Instructor  
Reed Hefta - Health Instructor  
Amy Lakin - Science Instructor  
Lisa Eischens - Core Instructor  
Auna Sigdahl - Pelican's Landing  
Matthew Naugle - Essentia Health  
Danielle Olson - Ecumen  
Jennifer Beeson - Ecumen  
Breanna Adams - Sanford Health  
Brian Gatheridge - Sanford Health  
Angie Mohr - M-State Nursing



# HEALTH SCIENCE PATHWAY

Grade	Health Sciences
12	<ul style="list-style-type: none"> <li>• DLHS Vantage/Internship Program</li> </ul>
11, 12	<ul style="list-style-type: none"> <li>• Fundamentals of Healthcare Science</li> <li>• Anatomy and Physiology</li> <li>• Sociology, Anthro, Ethnic Study</li> <li>• AP Psychology</li> <li>• AP Statistics</li> <li>• AP Calculus</li> <li>• Animal Science (also Production Pathway)</li> <li>• Advanced Animal Science (also Production Pathway)</li> </ul>
10, 11, 12	<ul style="list-style-type: none"> <li>• Prevention and Care of Injury</li> <li>• Business Management &amp; Entrepreneurship</li> <li>• Certified Nursing Assistant CNA</li> <li>• Game Design &amp; Coding</li> <li>• Computer Science</li> <li>• Accounting</li> <li>• Health Careers</li> <li>• Computer Applications (also Business Pathway)</li> <li>• AP Spanish 3</li> <li>• Exploration of Health Science</li> </ul>
9, 10, 11, 12	<ul style="list-style-type: none"> <li>• Intro to Word Processing</li> </ul>



# BUSINESS, ENTREPRENEURSHIP, INFORMATION TECHNOLOGY PATHWAY



**BUSINESS &  
ENTREPRENEURSHIP**



**INFORMATION  
TECHNOLOGY**



## **Business, Entrepreneurship, Information Technology Sub-Pathways:**

Business Management

Finance

Graphic Design

Information Technology

## **BUSINESS, ENTREPRENEURSHIP, INFORMATION TECHNOLOGY PATHWAY ADVISORY BOARD**

Josh Omang - Principal

Vern Schnathorst - Work Based Learning

Jason Kuehn - Business

Tim Vagle - IT

Amy Knopf - Business Instructor

Braeden Hogie - Business Instructor

Rob Ulliyott - Core Teacher

Doreen Richter - Counselor

David Meyer - Business Owner

Jessica Burhans - Midwest Bank

Bryan Christensen - MNDOT & Private Businesses  
(former M-State Business Instructor)

Viva Lauinger - Lakeshirts

Drew Morse - MARCO

Trevor Thilmony - Lakeshirts

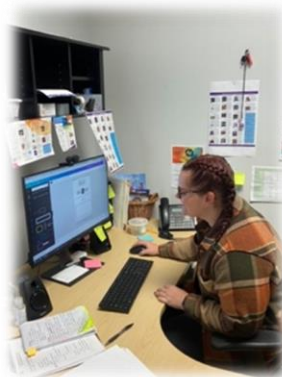
Matthew Loslie - M-State

April Thomas - School Board Member



# BUSINESS, ENTREPRENEURSHIP, INFORMATION TECHNOLOGY PATHWAY

Grade	Business Management and Finance	Graphic Design	Information Technology
12	<ul style="list-style-type: none"> <li>DLHS Vantage - Internship Program</li> </ul>	<ul style="list-style-type: none"> <li>DLHS Vantage - Internship Program</li> </ul>	<ul style="list-style-type: none"> <li>DLHS Vantage - Internship Program</li> </ul>
11, 12	<ul style="list-style-type: none"> <li>AP Statistics</li> <li>AP Spanish 4</li> <li>AP Calculus</li> </ul>	<ul style="list-style-type: none"> <li>Yearbook 1</li> <li>Yearbook 2</li> <li>CE Studio Art</li> </ul>	<ul style="list-style-type: none"> <li>AP Calculus</li> </ul>
10, 11, 12	<ul style="list-style-type: none"> <li>Accounting 1 &amp; 2</li> <li>CE Financial Accounting</li> <li>CE Managerial Accounting</li> <li>CE Marketing</li> <li>CE Principles of Management</li> <li>Business Mangmt and Entre</li> <li>Computer Applications</li> <li>Marketing</li> <li>AP Spanish 3</li> <li>Exploration of Business &amp; IT</li> </ul>	<ul style="list-style-type: none"> <li>Graphic Design (Software)</li> <li>Graphic Print Design (also Production Pathway)</li> <li>Computer Applications</li> <li>Exploration of Business &amp; IT</li> </ul>	<ul style="list-style-type: none"> <li>Game Design and Coding</li> <li>Computer Science</li> <li>Computer Applications</li> <li>Exploration of Business &amp; IT</li> </ul>
9, 10, 11, 12	<ul style="list-style-type: none"> <li>Intro to Word Processing</li> </ul>	<ul style="list-style-type: none"> <li>Intro to Word Processing</li> </ul>	<ul style="list-style-type: none"> <li>Intro to Word Processing</li> </ul>



# PRODUCTION PATHWAY



## PRODUCTION

### Production Sub-Pathways:

Agriculture/Natural  
Resources

Building Trades

Engineering/Manufacturing

Transportation



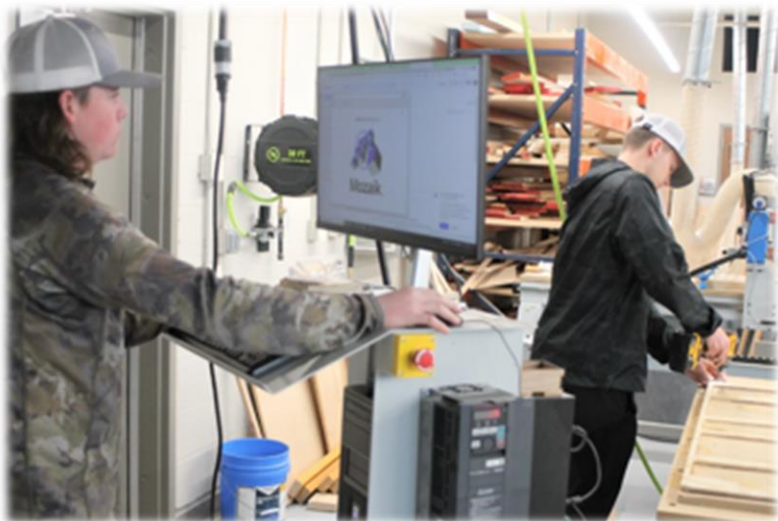
### PRODUCTION PATHWAY ADVISORY BOARD

Josh Omang - Principal  
Vern Schnathorst - Work Based Learning  
Alyssa Mitchell - Agriculture/Metals  
Dan Jorgenson - Woods and Building Trades  
Skip Honke - Engineering Instructor  
Kalan Malchow - Core Instructor  
Nathan Ochsner - Counselor  
Brittany Nordick - TEAM Industries  
Christine Hvidston - Herzog Roofing  
Kelsey Atkinson - Dynamic Homes  
Kelly Blackledge - Natural Resources/Outdoor Education  
Bill Henke - Natural Resources/Outdoor Education  
Mindy Jenson - Natural Resources/Outdoor Education  
Josh Heibel - M-State  
Bryan Christensen - MN DOT  
Keith Yonemura - BTB  
Tyler Ostlie - Student

Ethan Walz - Olander Bus  
John Steffl - Agriculture  
Eric Zurn - Agriculture  
Stephanie Krause - BTB

# PRODUCTION PATHWAY

Grade	Engineering	Manufacturing	Transportation	Agriculture/Natural Resources	Building Trades
12	<ul style="list-style-type: none"> <li>DLHS Vantage - Internship Program</li> </ul>	<ul style="list-style-type: none"> <li>DLHS Vantage - Internship Program</li> </ul>	<ul style="list-style-type: none"> <li>DLHS Vantage - Internship Program</li> </ul>	<ul style="list-style-type: none"> <li>DLHS Vantage - Internship Program</li> </ul>	<ul style="list-style-type: none"> <li>DLHS Vantage - Internship Program</li> </ul>
11, 12	<ul style="list-style-type: none"> <li>Mechanical Drafting 1</li> <li>Mechanical Drafting 2</li> <li>AP Calculus</li> <li>Laker Manufacturing</li> </ul>	<ul style="list-style-type: none"> <li>Laker Manufacturing</li> <li>Mechanical Drafting 1</li> <li>Mechanical Drafting 2</li> </ul>	<ul style="list-style-type: none"> <li>Transportation Careers</li> </ul>	<ul style="list-style-type: none"> <li>Greenhouse Management</li> <li>Advanced Animal Science</li> <li>Ag Leadership</li> <li>Laker Agriculture</li> </ul>	<ul style="list-style-type: none"> <li>Graphic Print Design: Screen Printing</li> <li>Building Trades</li> <li>Laker Production</li> </ul>
10, 11, 12	<ul style="list-style-type: none"> <li>Metals</li> <li>Computer Applications (also Business Pathway)</li> <li>Exploration of Production</li> </ul>	<ul style="list-style-type: none"> <li>Metals</li> <li>Exploration of Production</li> </ul>	<ul style="list-style-type: none"> <li>Small Engines</li> <li>AFNR Drones</li> <li>Exploration of Production</li> </ul>	<ul style="list-style-type: none"> <li>Animal Science</li> <li>Natural Resources</li> <li>Food Science</li> <li>Computer Applications (also Business Pathway)</li> <li>Exploration of Production</li> </ul>	<ul style="list-style-type: none"> <li>Advanced Woods</li> <li>Graphic Print Design</li> <li>Computer Applications (also Business Pathway)</li> <li>Exploration of Production</li> </ul>
9, 10, 11, 12	<ul style="list-style-type: none"> <li>Intro to Metals</li> </ul>	<ul style="list-style-type: none"> <li>Intro to Metals</li> </ul>		<ul style="list-style-type: none"> <li>Intro to Ag, Food, Natural Resources (AFNR)</li> </ul>	<ul style="list-style-type: none"> <li>Architectural Drafting</li> <li>Intro to Woods</li> </ul>



# Core and Global Course



## Descriptions

### ACADEMY CLASSES

#### **ACA110 & 115: 9<sup>th</sup> Grade Seminar**

**Length: Year**

**Prerequisite(s): None**

**Grade: 9**

9th Grade Seminar is designed to support students as they begin their high school career. Seminar's focus is to provide academic, social, and soft skills needed to succeed in high school and beyond. Students will learn about organization, self-regulation, time management, self-advocacy, exam prep, safe technology use, create a ten-year plan, and develop personal aptitudes and learning strengths. Students will also focus on career exploration using the Minnesota Career Wheel and the Minnesota Career Information Systems website.

#### **ACA110 & 115: 21<sup>st</sup> Century Skills**

**Length: Semester**

**Prerequisite(s): None**

**Grade: 12**

21st Century Skills is a semester long course made up of 3 components that are critical for success beyond

the walls of DLHS:

Financial Literacy,

21st Century

Success Skills, and

Career and College readiness.

Additionally, this

class provides the foundational knowledge and support for students to create and develop their capstone project. 21st Century Skills is delivered in a Blended format meaning that students will have a mixture of in-person meetings and independent work days. Students will also have the opportunity to earn Precision Exam certifications in the areas of Financial Literacy, 21st Century Success Skills, and Career and College readiness.



### AGRICULTURE

*\* Enrollment in any Agriculture (AGR) class at DLHS allows a student to participate in FFA activities for that school year.*

#### **AGR110: Ag, Food, Natural Resources (AFNR) –**

**Semester**

**Prerequisite(s): None**

**Grade(s): 9-12**

This course is designed to give students an overview of many topics in agriculture. Students will learn about the scientific method and the importance of lab safety. This course covers careers in agriculture, ecology, water, soil, sustainability, plant and forestry, and animal science. Students will be expected to develop a supervised agricultural experience (SAE).

#### **AGR230: Small Engines – Semester**

**Pathway: Production**

**Prerequisite(s): None**

**Grade(s): 10-12**

Small Engines will cover all types of internal combustion engines with emphasis on the smaller two and four-cycle engines. Small Engine Theory will be studied to learn the history of generating power in equipment. Laboratory time will be devoted to disassembly, examination and analysis, and assembly of these engines. Student will be able to operate, maintain, or repair engines from a technical manual. Limit one term.

**AGR340: Natural Resources – Semester****Pathway: Production****Prerequisite(s): None****Grade(s): 10-12**

Do you have an interest in the outdoors or want to learn more about natural resources? If so, this course is for you! This course will introduce students to the fundamental concepts and principles of natural resources management and wildlife conservation. Through a combination of classroom instruction, field trips, research projects, and hands-on activities, students will explore the intricate relationships between ecosystems, biodiversity, and human impact on the environment. The class covers topics such as habitat preservation, sustainable resource use, wildlife identification, the role of conservation in maintaining ecological balance and much more!

**AGR350: Food Science – Semester****Pathway: Production and Human Services****Prerequisite(s): None****Grade(s): 10-12**

Embark on a fascinating journey into the world of Food Science with our Food Science course. This comprehensive and engaging class is designed for both culinary enthusiasts, aspiring food scientists or those wanting to learn more about agriculture and foods. From understanding the principles of food composition to exploring the intricate processes behind food preservation and enhancement, this course provides a solid foundation in the science that transforms raw ingredients into the delightful dishes we savor.

**AGR360: Greenhouse Management****Pathway: Production****Prerequisite(s): None****Grade(s): 11-12**

This course will develop the skills needed to operate and manage greenhouses. Students will learn how to identify plants and cultural practices needed to produce a successful crop of vegetables and flowers. Greenhouse design, ventilation, heating, cooling, integrated pest management, plant identification, plant husbandry, logistics, and agricultural business principles will also be discussed and practiced in this course. Students will have the opportunity to work directly in a greenhouse setting.

**AGR370: AFNR Drones – Spring****Pathway: Production****Prerequisite(s): None****Grade(s): 11-12**

Drone technology is one of the fastest-growing fields in

the world of agriculture. In this course, students will learn how drones are being used in agriculture, food, and natural resources. Through this course, students will earn their TRUST license to fly a drone in non-commercial enterprises. Students will finish the class prepared to take the Part 107 license exam to fly drones in commercial enterprises.

**\* This course runs during Odd School Years: 2025, 2027, 2029, etc.**

**\* The Spring Semester allows more time to fly.**

**\* This is not a CE class but college credit through Northland may be earned with Part 107 certification.**

**AGR390: Agricultural Leadership – Semester****Pathway: Production****Prerequisite(s): None****Grade(s): 11-12**

This is a unique course that combines a passion for food, agricultural, and natural resource sciences with fundamental real-world skills in strategic communication, leadership, and marketing as well as business management. Course topics range from video production and social media campaigns to layout/design, podcasting, digital storytelling, and communicating science to the public, among others. Students will learn how to build understanding, share knowledge, increase awareness, and make valuable contributions to the dynamic fields of food and agriculture. This class will also work on a semester-long agricultural project that could also fulfill a vantage/capstone project.

**AGR410: Animal Science – Semester****Pathway: Health Science and Production****Prerequisite(s): None****Grade(s): 10-12**

This course consists of animal care topics, nutrition, evaluation, production methods, consumer concerns, production record management, animal health, animal housing, anatomy, physiology of animal systems, and understanding diseases related to large animals. Students work in hands-on scenarios to solve problems related to the livestock industry. Students in this course are expected to develop and maintain a supervised agricultural experience (SAE) project.

**\* This course counts as a science credit.**

**\* This course runs during Odd School Years: 2025, 2027, 2029, etc.**

**AGR610: Advanced Animal Science – Semester****Pathway: Health Science and Production****Prerequisite(s): Animal Science****Grade(s): 11-12**

This course emphasizes genetics, physiology and nutrition. The course includes studying production



systems relative to the horse, dairy, sheep, poultry, swine and beef industries. Additional topics include man's relationship to animals, current issues, and future perspectives of animal agriculture.

**AGR999: Ag Occupations – As Needed**

**Prerequisite(s):** Background in Chosen Area

**Grade(s):** 9-12

This course will provide an opportunity for a student to participate in an agriculture related apprenticeship or

job internship. Students will need to keep records of hours and abilities performed on the job and they will also have a chance to experience the opportunity of earning and investing money earned. (No Credit Class)

**\* This course is offered during the summer and as needed during the school year.**

## ART

**ART100: Intro to Art – Semester**

**Prerequisite(s):** None

**Grade(s):** 9-12

This is an introductory course to studio art. Students will be introduced to a variety of mediums including drawing, painting, printmaking, and sculpture. Students will engage in art production, explore themes in art history, and learn concepts of elements and principles of design, all while creating original works of art.

**ART110: Drawing – Semester**

**Prerequisite(s):** Intro to Art

**Grade(s):** 9-12

This class teaches students basic approaches and theories in drawing. Students will learn how to draw with proper techniques, learning how to represent what they see through studies in contour drawing, perspective, positive/negative space, and value.

**\*Repeatable for elective credit.**

**ART120: Painting – Semester**

**Prerequisite(s):** Intro to Art

**Grade(s):** 9-12

This course introduces concepts and techniques in painting. Students will learn through the exploration of art history, and the experimentation of painting with watercolor and acrylic paints. Students will have the opportunity to explore individual styles and ideas to create original works of art.

**\*Repeatable for elective credit.**

**ART130: Sculpture – Semester**

**Prerequisite(s):** Intro to Art

**Grade(s):** 9-12

3-D artwork is the basis of this class. Students will be exposed to a variety of materials and techniques that can be applied to create three dimensional sculptures. Materials may include clay, wood, cardboard, paper, wire, plaster, etc. These materials will be used to create sculptures with an emphasis on form, and creative conceptual designs.

**\*Repeatable for elective credit.**

**ART230: Ceramics – Semester**

**Prerequisite(s):** Intro to Art

**Grade(s):** 10-12

This course is designed for students who have an interest in working with clay. Students will explore making functional and decorative pottery. Projects will be completed using wheel thrown and hand building techniques with an emphasis in form, creative design, functionality, and craftsmanship.

**\*Repeatable for elective credit.**

**ART500: CE Studio Art – Semester**

**Prerequisite(s):** Drawing and Advanced Art

**Grade(s):** 11-12

**Credits:** 3.0

This course offers motivated students the opportunity to develop their skills in art. Course objectives expose the student to the rigor of working toward a more complex and concentrated study of art through design and medium exploration. Students will spend the semester working towards a completed portfolio.

**\*Repeatable for elective credit. \* This course may qualify for Concurrent Enrollment. \*Expect about five hours of out-of-class homework for each AP/CE/PSEO class each week.**

# ***BUSINESS***

## **ACA230: Exploration of Business & IT – Semester Pathway: Business**

### **Grade(s): 10-12**

Be the manager of your own business in this course! Complete a workflow simulation and get a first-hand experience in managing a business. This foundational course provides an overview of business and technology skills required for today's business environment. Knowledge of business principles, the impact of financial decisions, and technology proficiencies demanded by business combine to establish the elements of this course. Students will begin to develop skills that are necessary to successfully transition to a college business degree program or to enter the workforce.

## **BUS110: Intro to Word Processing – Semester**

### **Prerequisite(s): None**

### **Grade(s): 9-12**

Students will learn proper keyboarding techniques and shortcuts with a focus on speed and accuracy. Students will learn how to create, edit, format and manipulate business documents. There will also be an introduction to desktop publishing using graphics, shapes, text boxes, and the Internet to create various projects. Correct format, spelling and grammar usage will be focused on through the use of proofreading and editing skills.

## **BUS310: Business Management & Entrepreneurship – Semester**

### **Pathway: Human Services and Business**

### **Prerequisite(s): None**

### **Grade(s): 10-12**

This course focuses on the planning, owning and running of small businesses. Emphasis is placed on marketing a small business, the legal requirements of owning and operating small businesses, financial planning, human resources and career opportunities within the field of entrepreneurship. Students will explore ideas and opportunities and create a business plan on a business of their choice incorporating these topics.

## **BUS235: Computer Applications – Semester**

### **Pathway: Business**

### **Prerequisite(s): None**

### **Grade(s): 10-12**

This course provides students the pathway to learn the necessities that they will use throughout their lifetime, both personally and on the job. The course

will focus on developing computer skills in word processing, spreadsheet and presentation using Microsoft Office software programs including Word, Excel, PowerPoint. It will focus on the functions and advanced features of the programs with an emphasis on spreadsheets because it is an essential business and accounting tool. **\*Students will take the Business Office Specialist Precision Exam at the end of this course and have the certification with a passing score.**

## **BUS320: Marketing – Semester**

### **Pathway: Business**

### **Prerequisite(s): None**

### **Grade(s): 10-12**

Get to know the exciting world of marketing! Learn about the process of how a product originates as an idea, all the way to the point where it hits stores for sale. Find out about distribution, sales, promotion, and advertising of products. This course will provide a basic understanding of marketing to launch you into a career in any related business field.

## **BUS330: Game Design & Coding – Semester**

### **Pathway: Business**

### **Prerequisite(s): None**

### **Grade(s): 10-12**

Dive into the world of game design and learn some of the coding languages used in the ever-changing technology world! Create your own games using Scratch, Construct 3, Kodu, and more. This is a fast-paced course in which you will work to solve problems using creative thought, software, and critical thinking. Sign up if you want a crash-course on game design and coding!

## **BUS340: Computer Science – Semester**

### **Pathway: Business**

### **Prerequisite(s): None**

### **Grades(s): 10-12**

Do you like computers? Are you interested in technology? Learn about programming and get a behind the scenes look at the internet and networks in this course. Get acquainted with the foundational concepts of computer science and how they can impact the world we live in. Take a look at the endless possibilities associated with the world of technology and information technology careers.

**BUS410: Year Book I – Fall****Pathway: Business****Prerequisite(s): Graphic Design I****Grade(s): 11-12**

This is a hands-on course where the students and teacher work closely together to produce Detroit Lakes High School's yearbook. It is a production intensive course that focuses on the entire school with the mission of providing a fun, accurate historical account of the school year for the student body in the form of a yearbook. Students will take pictures at events, create layouts and gather content to create yearbook pages. Students will also incorporate the use of teamwork and organizational skills.

**BUS420: Year Book II – Spring****Pathway: Business****Prerequisites: Year Book I****Grade(s): 11-12**

Preference is given to students from Yearbook I. Students will finish designing the yearbook during Q3. Advanced projects, photography, etc. will be the focus during Q4.

**BUS600: CE Principles of Marketing – Semester****Pathway: Business****Prerequisite(s): None****Grade(s): 11-12**

This course examines the business function of marketing and will enhance students' decision-making skills in a global market. The course focuses on how marketers create value by satisfying customer needs and wants by analyzing which target markets the organization can best serve, and the appropriate strategies to serve these markets. This course also will discuss the implications of the environmental factors that can impact the marketing strategies of a business. Topics include business and consumer markets, branding and product strategies, marketing research, pricing, promotion and supply chain management. Earn 3 college credits that are transferable to all MNSCU schools.

**\* This course may qualify for Concurrent Enrollment.**

**\*Expect about five hours of out-of-class homework for each AP/CE/PSEO class each week.**

**BUS610: CE Financial Accounting – Fall****Pathway: Business****Prerequisite(s): None****Grade(s): 10-12**

The accounting process, financial statement preparation, and analysis. Includes the accounting cycle, asset, liability, and equity accounting. Emphasis on the use of accounting data. This course introduces

students to the content and concepts underlying financial statements. Course content includes study of the accounting model, financial statements, merchandise accounting, internal controls and accounting for assets. The course will focus on using accounting information for decision making. Earn 3 college credits that are transferable to all MNSCU schools. **\*Expect about five hours of out-of-class homework for each AP/CE/PSEO class each week.**

**BUS615: CE Managerial Accounting – Spring****Pathway: Business****Prerequisite(s): None****Grade(s): 10-12**

Preparation and analysis of cost-based management reports: use of cost information to make short-term operating decisions and long-term capital decisions. This course focuses on providing financial information to management for strategic decision-making related to cost analysis and cost management. Earn 3 college credits that are transferable to all MNSCU schools.

**\*Expect about five hours of out-of-class homework for each AP/CE/PSEO class each week.**

**BUS620: CE Principles of Management – Semester****Pathway: Business****Prerequisite(s): None****Grade(s): 11-12**

This course focuses on the planning, owning and running of small businesses. Emphasis is placed on marketing a small business, the legal requirements of owning and operating small businesses, financial planning, human resources and career opportunities within the field of management. Focus will be placed on motivating, planning, controlling, and operating a business in today's organizations. **\*Expect about five hours of out-of-class homework for each AP/CE/PSEO class each week.**

**BUS640: Accounting I S1 – Fall****Pathway: Business****Prerequisite(s): None****Grade(s): 10-12**

Looking into a career in the business world? Accounting is the gateway into many occupations in today's world with high-paying entry level jobs. Careers in accounting are in great demand. So let's get started. We will begin with the basics of accounting using a service business that is owned by one person. It includes analyzing business transactions, journalizing, posting and preparing financial statements.

**\* Students earning an "A" or "B" in an articulated course at DLHS may qualify for credits at a participating community or technical college. To qualify for college credit, students must take both the**



Fall and Spring portions of the class in the same school year and declare a college degree.

#### **BUS 650: Accounting I S2 – Spring**

**Pathway: Business**

**Prerequisite(s): Accounting 1 S1**

**Grade(s): 10-12**

Continue to discover what a successful and rewarding career opportunity in accounting has to offer. Let's take a step forward and advance the accounting basics to the world of merchandising and corporations. We will expand to new transactions and ledgers, add payroll for our employees, and include additional financial statements.

**\* Students earning an "A" or "B" in an articulated course at DLHS may qualify for credits at a participating community or technical college. To qualify for college credit, students must take both the Fall and Spring portions of the class in the same school year and declare a college degree.**

#### **BUS660: Graphic Design I – Semester**

**Pathway: Business**

**Prerequisite(s): None**

**Grade(s): 10-12**

This course covers the fundamental functions of Adobe Photoshop and Illustrator to manipulate and combine words, symbols, and digital images. It is a project-based class and students will be given real world projects and assignments typical of graphic design industry. High quality work is expected and some projects will be chosen to be published by area businesses such as t-shirts for events and posters to be displayed in the school. Students will apply digital creativity techniques to create innovative and effective designs.

## **ENGLISH**

This is the recommended English course progression for all students:

<b>Recommended Progression</b>	<b>Semester</b>	<b>Semester</b>
<b>9<sup>th</sup> Grade</b>	English 9	English 9
<b>10<sup>th</sup> Grade</b>	English 10	English 10
<b>11<sup>th</sup> Grade</b>	Literature credit (L)	Literature credit (L)
<b>12<sup>th</sup> Grade</b>	Writing credit (W)	English Elective credit (Any)

**\*\* These are also the minimum graduation requirements for all students. \*\***

**\*\* It doesn't matter which semester a student takes their Writing or Elective classes. \*\***

This chart gives examples of English course progression for students who have an idea of their post-high school plans:

<b>YEAR</b>	<b>HIGH SCHOOL / MILITARY</b>	<b>TECHNICAL COLLEGE</b>	<b>COMMUNITY COLLEGE</b>	<b>4-YEAR COLLEGE</b>
<b>9th GRADE</b>	English 9 (2 semesters)	English 9 (2 semesters)	English 9 (2 semesters)	English 9 (2 semesters)
<b>10th GRADE</b>	English 10 (2 semesters)	English 10 (2 semesters)	English 10 (2 semesters)	English 10 (2 semesters)
				English 10 Honors (2 sem)
<b>11th/12th GRADE</b>	Senior Composition (W)	Senior Composition (W)	Senior Composition (W)	Senior Composition (W)
			College Writing (W)	College Writing (W)
	Contemporary Lit (L)	Contemporary Lit (L)	Contemporary Lit (L)	Lit. & Comp (L)
	Lit. & Comp (L)	Lit. & Comp (L)	Lit. & Comp (L)	AP Lit. & Comp (L)

**W = Meets the Writing Requirement**

**L = Meets the Literature Requirement**

### **9th Grade English**

**ENG100 & 110: English 9 – Year**

**Prerequisite(s): None**

**Grade(s): 9**

English 9 is a required 2 semester course which exposes students to a variety of literary genres. Students also have the opportunity to develop and

deliver speeches, organize material, express complex ideas and refine written work by using various sentence patterns where correct grammar, punctuation, word usage and other conventions are emphasized.

## 10th Grade English

### **ENG200 & 210: English 10 – Year**

**Prerequisite(s):** None

**Grade(s):** 10

Semester one gives students the opportunity to investigate American literature to the mid-19th century. Students will also receive instruction and practice in the structure and mechanics of multiple forms of writing. Semester two gives students an opportunity to investigate late 19th and 20th century American literature. Students will also receive instruction and practice in writing brief literary analysis.

### **ENG230 & 240: English 10 Honors – Year**

**Prerequisite(s):** English 9 + Instructor

**Recommendation**

**Grade(s):** 10

English 10 Honors is a year-long course designed to prepare students for the Advanced Placement Program in English. The course of study focuses on prominent themes in American Literature, and emphasis is placed on the study of literary terms, development of close reading skills, the writing process, as well as verbal and written literary analysis assessments. Six major texts are studied, along with supplemental poems and short stories.

## English Writing

### **ENG300: Senior Composition – Semester**

**Prerequisite(s):** None

**Grade(s):** 11-12

This course helps students improve their writing skills, focusing on various writing styles and techniques. Students will learn to write for different audiences and purposes, preparing them for academic and professional settings. Key topics include paragraph and essay structure, the writing process, the pyramid method, document formatting, and grammar. The course also emphasizes refining expository writing to college-level standards. Major units cover character, theme, and plot analysis, as well as research writing. The primary texts are Writing Themes About Literature and Writing With A Purpose, with additional works used for specific writing tasks.

### **ENG301: Blended Senior Composition – Semester**

**Prerequisite(s):** None

**Grade(s):** 11-12

This class is available as a Blended class. The course description is the same as the non-Blended class. See page 14 for more information on Blended classes.

### **ENG600: CE College Writing – Semester**

**Prerequisite(s):** English 9 & English 10

**Grade(s):** 11-12

Academic Writing is the primary entry-level writing class for all college students and is one of the core first-year liberal arts classes. Academic Writing serves as a beginning point for helping students engage in the core competency to “communicate effectively.” Towards the end, Academic Writing will enable students to determine a writing purpose, generate ideas to support a topic, determine an audience, develop a focus and organize a written text, beginning with more personal or “reflective” writing, and moving on to expository writing and argument. **\*This course is a Concurrent Enrollment course. \*Expect about five hours of out of class homework for each AP/CE/PSEO class each week.**

### **ENG601: CE Blended College Writing – Semester**

**Prerequisite(s):** English 9 & English 10

**Grade(s):** 11-12

This class is available as a Blended class. The course description is the same as the non-Blended class. See page 14 for more information on Blended classes.

## English Literature

### **ENG410 & 415: Literature & Composition 1 & 2 – Year**

**Prerequisite(s):** None

**Grade(s):** 11-12

This two-semester course meets the Minnesota state requirements for World Literature, British Literature, and American Literature. This class will build upon the literary skills introduced in 10th grade literature and develop critical analytical and reflective skills necessary for college and careers.

### **ENG411 & 416: Blended Literature & Composition 1 & 2 – Year**

**Prerequisite(s):** None

**Grade(s):** 11-12

This class is available as a Blended class. The course description is the same as the non-Blended class. See page 14 for more information on Blended classes.

### **ENG520 & 525: AP English Literature & Composition I – Year**

**Recommendation:** English 9 & English 10

**Grade(s):** 11-12

AP Lit is an honors level alternative to Literature & Composition. This class will also prepare you to take the AP exam. You could receive up to two college courses (six credits) depending on your score. **\* This**

class fulfills the Literature graduation requirement.  
**\*Expect about five hours of out of class homework for each AP/CE/PSEO class each week.**

**ENG521 & 526: AP Blended English Literature & Composition I – Year**

**Recommendation:** English 9 & English 10

**Grade(s): 11-12**

This class is available as a Blended class. The course description is the same as the non-Blended class. See page 14 for more information on Blended classes.

## English Electives

**ENG360: Digital Media and Film – Semester**

**Prerequisite(s): None**

**Grade(s): 11-12**

When English and history combine, the result is the class Digital Media and Film. This class examines the history of media and technology. If you enjoy learning about and using new technology, this is your class.

Highlights of the year include studying radio, television, film, and journalism.

**\* This is not Laker Live.**

**ENG370: Creative Writing – Semester**

**Prerequisite(s): None**

**Grade(s): 11-12**

Creative Writing is an English course intended for highly motivated juniors and seniors who express a genuine interest in writing poetry or short stories. Upon successful completion of this course, a student will be able to recognize the terms and elements of poetry and fiction. Students will also demonstrate the ability to express themselves in these forms.

**ENG380: Communication Arts & Interpretation – Semester**

**(Formerly called Theatre Arts)**

**Prerequisite(s): None**

**Grade(s): 11-12**

Communication Arts offers students an opportunity to explore elements of English that go beyond grammar and research papers. Students will delve into literature that challenges the "read quietly and to yourself" standard mode. Students will manipulate literature and writing to see its impact and effectiveness. Students will build their analytical skills by composing written critiques of their peers' work, as well as their

own. Units such as creative writing, oral interpretation, and broadcasting allow students to see what more there is to the world of language arts.

**ENG390: Laker Live – Semester**

**Prerequisite(s): None**

**Grade(s): 11-12**

Do you like to be creative and make videos? Well, Laker Live is the class for you. Laker Live is a video production class in which students produce a bi-monthly video show that is shown in the school, on Leighton Broadcasting: Channel 3, and our own YouTube channel: DLAKERLIVE. Laker Live allows students to use their creativity to tell a story by creating videos. Students will learn the art of filmmaking, editing, and acting. Students will also apply the journalistic skills of reporting, interviewing, and writing. Our motto is to promote Laker Pride by showcasing our school, students, staff, and community.

**ENG620: CE Intro to Public Speaking – Semester**

**Prerequisite(s): English 9 & English10**

**Grade(s): 12**

Intro to Public Speaking is a core competency for every college freshman. This course clarifies the process of oral communication, clarifies the basic principles of public speaking and allows the student to increase the application of these principles while both speaking and listening. **\*This course is a Concurrent Enrollment course. \*Expect about five hours of out-of-class homework for each AP/CE/PSEO class each week.**

**ENG621: CE Blended Intro to Public Speaking – Semester**

**Prerequisite(s): English 9 & English10**

**Grade(s): 12**

This class is available as a Blended class. The course description is the same as the non-Blended class. See page 14 for more information on Blended classes.

# ***FAMILY & CONSUMER SCIENCE***

## **Food & Nutrition**

### **FAC100: Intro to Foods – Semester**

**Prerequisite:** None

**Grades:** 9-12

This course introduces students to foundational knowledge and skills in the areas of kitchen safety and sanitation, nutrition, recipe basics, knife skills, proper kitchen tools and equipment, and cooking essentials. Throughout the course, students will gain hands-on experience in cooking a variety of food products in the areas of eggs, grains, pasta, vegetables and fruits, while learning the fundamentals of "My Plate."

### **FAC320: Culinary 1 – Semester**

**Pathway:** Human Services

**Prerequisite:** Intro to Foods or Approval via Application

**Grades:** 10-12

This course expands on students' prior knowledge and skill set of food cookery from Intro to Foods. In this course students will learn about proper safety and sanitation, and cooking procedures for breakfast, soups, salads, and sandwiches. Students will also get experience in the restaurant business as we will be selling food in the form of Laker Cafe, Heat-n-Eat, and catering for specific occasions.

### **FAC321: Blended Culinary 1 – Semester**

**Pathway:** Human Services

**Prerequisite:** Intro to Foods or Approval via Application

**Grades:** 10-12

This class is available as a Blended class. The course description is the same as the non-Blended class. See page 14 for more information on Blended classes.

### **FAC330: Culinary 2 – Semester**

**Pathway:** Human Services

**Prerequisite:** Culinary 1

**Grades:** 10-12

This is an advanced culinary course for students with a desire to learn about the foodservice industry as well as improve their culinary skills. In this course students will learn how to prepare and plate appetizers, potato and grain dishes, homemade pasta, pizza and soups. Students will also study international cuisine and prepare a variety of dishes from other countries, including Chinese, Italian, and French cookery. Lastly, students will also get experience in the restaurant industry selling lunch at the Laker Cafe, Heat-N-Eat, and catering for specific

occasions.

### **FAC331: Blended Culinary 2 – Semester**

**Pathway:** Human Services

**Prerequisite:** Culinary 1

**Grades:** 10-12

This class is available as a Blended class. The course description is the same as the non-Blended class. See page 14 for more information on Blended classes.

## **FACS Electives**

### **ACA210: Exploration of Human Services – Semester**

**Pathway:** Human Services

**Grade(s):** 10

**\*may be taken by any 11-12 grader as an elective course**

The course will explore the human services pathway which focuses on the skills and knowledge needed for occupations that support the everyday functioning of society. In this program of study, students will investigate human needs and their impact on lifespan development. The class will also address communication skills within a variety of situations. Students will study the historical and social changes of a diverse society and address different problem-solving situations. Based on individual knowledge students will choose a human resource occupation to research and share with classmates.

### **FAC210: Interior Design – Semester**

**Prerequisite(s):** None

**Grade(s):** 10-12

This course will include a study of housing options, home furnishings, and design and careers. Students will learn what constitutes quality floor and wall coverings, how to design kitchens for efficiency, and also how to apply the elements and principles of design in different living environments. Students will practice leadership roles when planning and designing living spaces for a "clients' lifestyle."

### **FAC211: Blended Interior Design – Semester**

**Prerequisite(s):** None

**Grade(s):** 10-12

This class is available as a Blended class. The course description is the same as the non-Blended class. See page 14 for more information on Blended classes.

**FAC300: Child Development I – Fall****Pathway: Human Services****Prerequisite(s): None****Grade(s): 11-12**

In this course students will study the physical, intellectual, social and emotional development of infants, toddlers, and preschoolers. Child development theories are studied as well as guidance techniques. This course is highly recommended for juniors and seniors planning a career in early childhood education, elementary education or any career in the human services field. **\*Students earning an "A" or "B" in an articulated course at DLHS may qualify for credits at a participating community or technical college.**

**FAC301: Blended Child Development I – Fall****Pathway: Human Services****Prerequisite(s): None****Grade(s): 11-12**

This class is available as a Blended class. The course description is the same as the non-Blended class. See page 14 for more information on Blended classes.

**FAC310: Child Development II – Spring****Pathway: Human Services****Prerequisite(s): Child Development - Driver's license and access to transportation****Grade(s): 11-12**

In this course students will apply theories of child development in Little Laker Preschool which is run at the high school. Students will complete a file of activities which can be used in any career in early childhood or elementary education. During the last quarter of the class students will apply their

knowledge of child development to an existing program as they become an assistant in a classroom. Students will be placed in child care centers, day care homes, Head Start programs, or primary classrooms to explore child development occupations and work actively with children in their assigned classroom. Students will be matched with a site which best fits their long-term career goal. This course is highly recommended for juniors and seniors planning a career in early childhood education, elementary education or any career in the human services field.

**Completing Child Development I & II (if receiving a grade of "B" or better) may qualify students for college credit. Limit of one term (2 hours = 2 credits).**

**\*Students earning an "A" or "B" in an articulated course at DLHS may qualify for credits at a participating community or technical college.**

**ACA300: CE Introduction to Teaching – Semester****Pathway: Human Services****Prerequisite: None****Grades: 11-12**

This course is designed to help students learn about the role and characteristics of an effective educator. Major topics include exploring current teaching methods/instruction, classroom management strategies, as well as assessments and how to use them effectively. Students will also study cultural differences, learning styles, communication, stereotyping, and their impacts on student learning. \*

**This course may qualify for Concurrent Enrollment.**

**\*Expect about five hours of out-of-class homework for each AP/CE/PSEO class each week.**

## INDUSTRIAL TECHNOLOGY

<i>Engineering</i>	<i>Ind Tech Electives</i>	<i>Construction Path</i>	<i>Metals Path</i>
Exploration of Production	Intro to Architectural Drafting	Intro to Woods	Intro to Metals
Engineering Design 201/2	Mechanical Drafting 1 & 2	Advanced Woods	Metals
Engineering Design 301/2	Graphic Print Design	Building Trades and Laker Production	Laker Manufacturing

**ACA240 & ACA245: Exploration of Production 101 and 102 – Semester****Pathway: Production****Grade(s): 10-12**

This course will focus on the engineering design process. We will cover major topics such as: sketching, 3D solid modeling, and fabrication using 3D printing. We will learn to use working drawings, renderings, dimensioning and annotations in the engineering design process. We will present our designs to "clients" and each other. This is a problem and

project-based learning course working in teams to create products, parts, designs, prototypes, and solutions to real-world challenges. This course features the use of Solid Edge (a computer aided design (CAD) software solution) from Siemens. Furthermore, this course will allow you to improve upon your problem-solving skills, project management skills, and realistically connect your schoolwork with the real world.

**ACA340 & ACA345: Engineering Design 201 and 202 – Semester**

**Pathway: Production**

**Grade(s): 10-12**

**Prerequisite(s): ACA240 & ACA245**

Manufacturing Systems and Automation. This course will utilize the Engineering Design Process to execute projects using the following capabilities: Reverse Engineering, Design for Manufacturing, Design for Assembly, Computer Numeric Control (CNC) of Machines (Lathe and Mill), Applying Computer Aided Manufacturing (CAM) Software to problem solutions, Automation with Programmable Logic Controllers (PLC), Applying Logic Software (The Integration Architecture Portal software from Siemens) to problem solving, Pneumatics Design and Control, Business of Manufacturing. We will be utilizing the latest technologies associated with Computed Aided Design (CAD) software from Siemens. Additionally, we will utilize 3D printing technologies for completion of prototypes and production solutions. This course is designed for juniors and seniors that are interested in engineering, including, automation technicians, manufacturing engineers, and associated STEM (Science, Technology, Engineering, and Math) job functions.

**ACA440 & ACA445: Engineering Design 301 and 302 – Semester**

**Pathway: Production**

**Grade(s): 11-12**

**Prerequisite(s): ACA340 & ACA345**

Mechatronics and Internet of Things (IoT). This project and problem-based learning course is a follow on to Engineering Design 101 and 102, a recommended prerequisite to this course. It will be best for the students if they have also taken Engineering Design 201 and 202 (Manufacturing Systems and Automation). This course will utilize the Engineering Design Process to execute projects using the following capabilities: Design for Mechatronics (Robotic control), Artificial Intelligence (AI), Electrical and Control Systems, Proportional-Integral-Derivative (PID) Control, Sensor Logic and Data Collection, Design of Assembly Systems, Integration of Computer Numerical Control (CNC), Automation with Programmable Logic Controllers (PLC), Human Machine Interface Design, Pneumatics Design and Control, Internet of Things (IoT), Business of Manufacturing. We will be utilizing the latest technologies associated with Computed Aided Design (CAD) software from Siemens. Additionally, we will utilize 3D printing technologies for completion of prototypes and production solutions. This course is designed for seniors that are interested in engineering, including, automation technicians,

manufacturing engineers, and associated STEM (Science, Technology, Engineering, and Math) job functions.

**IND100: Intro to Architectural Drafting – Semester**

**Prerequisite(s): None**

**Grade(s): 9-12**

This course teaches students about the design and drafting processes related to the Architecture and Construction Industry. The student will be introduced to a variety of architectural and mechanical applications. Content includes: building materials and estimating, the design process, blueprint reading and development, Architectural and Construction Building Requirements, and software skills.

**IND110: Intro to Woods – Semester**

**Prerequisite(s): None**

**Grade(s): 9-12**

This class is an excellent choice for students interested in woodworking at the entry to intermediate level. Students will be given basic instruction and tested on their knowledge of all power equipment. Projects will include a traditional woods projects from given plans. This class is highly recommended for students planning to take construction technology and residential construction courses, or if you are interested in engineering and design.

**\*There may be a fee for materials.**

**IND120: Mechanical Drafting 1 – Semester**

**Pathway: Production**

**Prerequisite(s): None**

**Grades(s): 11-12**

Mechanical Drafting is a course to learn how to create 'technical drawings'. This course will cover geometric constructions, dimensioning, multi-view, pictorial, assembly/detail, and other types of drafting projections used in the creation of technical drawings. This 'hands-on' class will help students understand and use technical drawings. Students will be exposed to CAAD in this course.

**IND125: Mechanical Drafting 2 – Semester**

**Pathway: Production**

**Prerequisite(s): Mechanical Drafting 1**

**Grade(s): 11-12**

Drafting 2 is an advanced drafting course designed to expand on the skills learned in Mechanical Drafting. Students will learn advanced drafting techniques and use them to create multiple parts related to a whole project. This class expands the use of technical drawings and helps students apply them to real life projects.



**IND130: Intro to Metals – Semester****Pathway: Production****Prerequisite(s): None****Grade(s): 9-12**

Students will learn metal shop safety, basic design, metal working tools, exposure to all metal working machinery, basic skills including: Shielded Metal Arc Welding and Gas Metal Arc Welding theory, safety, and the fundamental applications of these welding disciplines. Students will learn the nomenclature, safe operation and handling of the oxy/fuel cutting system. Some basic concepts of metallurgy and heat treatment will be covered. A basic metal fabrication project from given plans will be a part of the course.

**IND300: Graphic Print Design – Semester Pathway: Business and Production****Prerequisite(s): None****Grade(s): 10-12**

Students will use Design and Layout Techniques to produce graphic images using computer software. Students will learn vinyl and sign lettering, banner design, business cards, sandblasting, and poster design along with layout and print design for clothing.

**\* This course counts as a fine arts credit.**

**IND305: Graphic Print Design: Screen Printing – Semester****Pathway: Business and Production****Prerequisite(s): None****Grade(s): 10-12**

Students will use Design and Layout Techniques to produce graphic images using computer software. Students will learn vinyl and sign lettering, banner design, business cards, sandblasting, and poster design along with layout and print design for clothing.

**\* This course counts as a fine arts credit.**

**IND310: Advanced Woods – Semester Pathway: Production****Prerequisite(s): None****Grade(s): 10-12**

This course is for students interested in advanced woodworking and furniture design. Project design, planning, production, and assembly will be covered in this class. Additionally, students will learn blueprint reading, wood machining, adhesives, abrasives, fasteners, staining, finishing, and the basics of cabinet and furniture construction. This class is highly recommended for anyone interested in the design, architecture, engineering, or construction fields. Because of the variety of projects and abilities, students will receive individual instruction on a needed basis.

**IND321: Building Trades - Semester 1 (1 Hr)****IND331: Building Trades - Semester 2 (1 Hr)****Pathway: Production****Prerequisite(s): None****Grade(s): 11-12**

This course is “hands-on” and designed for students who are interested in the building trade area. Students will learn all aspects of building.

**\* Students can register for either one or two hours of Building Trades per day; see your counselor if interested.**

**\* Repeatable for elective credit.**

**IND350: Metals – Semester****Pathway: Production****Prerequisite(s): Intro to Metals****Grade(s): 10-12**

This course will begin with reviewing safety procedures and techniques for welding in the flat position. Students will be introduced to more advanced welding and metal working techniques including: complex welds, TIG welding, Aluminum welding, the use of the plasma cutter, and laser engraving. The goal of this class is to expose students to project design and creation of a project from scratch.

**IND370 & 375: Laker Manufacturing –Semester****Pathway: Production****Prerequisite(s): “B” in at least two other Production Courses or Approval via Application****Grade(s): 11-12**

This course will operate a completely student-run business called Laker Manufacturing. The course will focus on all aspects of today’s manufacturing industries. Students will use previously learned skills from engineering and manufacturing classes to complete customer projects. The students will be responsible for: quoting jobs; ordering material; manufacturing parts; quality control; shipping; receiving; invoicing; customer service; keeping track of hours; maintaining equipment; and everything else it takes to run a business.

**\* Repeatable for elective credit.**

**IND380 & 385: Laker Production – Semester****Pathway: Production****Prerequisite(s): “B” in at least two other Production Courses or Approval via Application****Grade(s): 11-12**

Laker Production is a student-run business.

**\* Repeatable for elective credit.**

# MATH

## Common Math Course Sequences for Class of 2026, 2027, and 2028:

9 <sup>th</sup> Grade	Concepts Algebra 1	Algebra 1	Geometry
10 <sup>th</sup> Grade	Concepts Geometry	Geometry	Advanced Algebra 2
11 <sup>th</sup> Grade	Concepts Algebra 2	Algebra 2	Advanced College Algebra and Advanced Pre-Calculus
12 <sup>th</sup> Grade	Algebra 2	College Algebra and/or AP Stats	AP Calculus and/or AP Stats

\* The majority of DLHS students follow the course sequence in blue \*

\* Courses subject to change as we update our Math Course Sequence during 2024-2026 \*

\* Movement from one math sequence to another is always possible. You must talk to your math teacher and counselor to move from one sequence to another \*

## Common Math Course Sequences for Class of 2029 and Beyond:

9 <sup>th</sup> Grade	Concepts Geometry	Geometry	Advanced Geometry
10 <sup>th</sup> Grade	Concepts Algebra 2	Algebra 2	Advanced Algebra 2
11 <sup>th</sup> Grade	Concepts FST	FST	Advanced College Algebra and Advanced Pre-Calculus
12 <sup>th</sup> Grade	Algebra 2	College Algebra and/or AP Stats	AP Calculus and/or AP Stats

\* The majority of DLHS students follow the course sequence in blue \*

\* Courses subject to change as we update our Math Course Sequence during 2024-2026 \*

\* Movement from one math sequence to another is always possible. You must talk to your math teacher and counselor to move from one sequence to another \*

### MAT 200 & 205: Geometry 9 – Year

**Prerequisite(s):** None

**Grade(s):** 9

This course offers an investigative approach and allows students to discover geometric properties. When new geometric concepts are introduced, they are explored with graphical techniques and formulas of coordinate geometry. A connection to algebra is continually reinforced. Throughout this course, students use applications to connect geometry to the real world.

### MAT 210 & 215: Concepts Geometry – Year

**Prerequisite(s):** None

**Grade(s):** 9-12

This course offers an investigative approach and allows students to discover geometric properties. When new geometric concepts are introduced, they are explored with graphical techniques and formulas of coordinate geometry. A connection to algebra is continually reinforced. Throughout this course, students use applications to connect geometry to the real world.

### MAT 220 & 225: Geometry 10-12 – Year

**Prerequisite(s):** None

**Grade(s):** 10-12

This course offers an investigative approach and allows students to discover geometric properties. When new geometric concepts are introduced, they are explored with graphical techniques and formulas of coordinate geometry. A connection to algebra is continually reinforced. Throughout this course, students use applications to connect geometry to the real world.

### MAT230 & 235: Advanced Geometry – Year

**Prerequisite(s):** None

**Grade(s):** 9-12

For a course description see Geometry. This course moves at a faster pace and topics are covered in greater depth.

### MAT 300 & 305: Algebra II – Year

**Prerequisite(s):** Intermediate Algebra

**Grade(s):** 10-12

In this course students will expand their problem-solving abilities. This will be accomplished through an



algebraic as well as a graphical approach. Graphing technology will be used to enhance student learning.

**MAT 301 & 306: Blended Algebra II – Year**

**Prerequisite(s): Intermediate Algebra**

**Grade(s): 10-12**

This class is available as a Blended class. The course description is the same as the non-Blended class. See page 14 for more information on Blended classes.

**MAT 310 & 315: Concepts Algebra II – Year**

**Prerequisite(s): Intermediate Algebra**

**Grade(s): 11-12**

In this course, students will be taught the topics required by the Minnesota Academic Standards for High School Math. This course will not adequately prepare students for post-secondary math courses. If the student is planning on going to college, Algebra II should be taken.

**MAT 320 & 325: Advanced Algebra II – Year**

**Prerequisite(s): Geometry**

**Grade(s): 10-12**

In this course students will expand their problem-solving abilities. This will be accomplished through an algebraic as well as graphical approach. Graphing technology will be used to enhance student learning. This course moves at a faster pace and topics are covered in more depth than Algebra II.

**MAT500(AB) & 505(AB): AP Calculus – Yr**

**Pathway: Health Science and Production**

**Prerequisite(s): Adv. Pre-Calculus or Instructor Permission**

**Grade(s): 11-12**

This is a standard college level calculus course. It covers all standard Calculus I topics as covered in most universities. It is not limited to just AP topics. Topics covered are through a numerical, analytical, and a graphical approach. A hand-held computer is used extensively. **\*Expect about five hours of out-of-class homework for each AP/CE/PSEO class each week.**

**MAT520 & 525: AP Statistics – Year**

**Pathway: All Pathways**

**Prerequisite(s): Algebra II**

**Grade(s): 11-12**

In this course students will study the role of statistics, methods of collected data, methods for describing data, probability distributions, variability, confidence intervals, regression and hypothesis testing. Skills learned in Algebra II will also be maintained and reviewed. A strong emphasis will be placed on critical

thinking skills and problem solving. **\*This course meets one semester of the pathway requirement. Seniors in the Business Pathway must also complete the Internship/Vantage course. \*Expect about five hours of out-of-class homework for each AP/CE/PSEO class each week.**

**MAT600 & 605: CE College Algebra – Year**

**Prerequisite(s): Algebra II**

**Grade(s): 11-12**

In this course students will expand on topics introduced in Algebra II. These topics include functions, polynomial equations, inequalities, trigonometry, systems, matrices and conics. The student must complete both semesters of this course to qualify for college credit. **\*This course may qualify for Concurrent Enrollment. \*Expect about five hours of out-of-class homework for each AP/CE/PSEO class each week.**

**MAT610: CE Adv. College Algebra – Fall**

**Prerequisite(s): Adv. Geometry or Instructor Permission**

**Grade(s): 11-12**

In this course students will expand on topics introduced in Algebra II. These topics include functions, polynomial equations, inequalities, trigonometry, systems, matrices, conics, series probability, and statistics. This course is required of students planning to continue with Calculus. It moves at a faster pace and is more in depth than the regular College Algebra course. **\*This course may qualify for Concurrent Enrollment. \*Expect about five hours of out-of-class homework for each AP/CE/PSEO class each week.**

**MAT620: CE Adv Pre-Calculus – Spring**

**Prerequisite(s): Adv. College Algebra or Instructor Permission**

**Grade(s): 11-12**

In this course students will expand on topics introduced in Algebra II and Advanced College Algebra. These topics include functions, polynomial equations, inequalities, trigonometry, systems, matrices, conics, series probability, and statistics. **\*This course may qualify for Concurrent Enrollment. \*Expect about five hours of out-of-class homework for each AP/CE/PSEO class each week.**

# MUSIC

## **MUS110 & 115: Laker Choir – Year**

**Prerequisite(s): None**

**Grade(s): 9**

This 9th Grade Choir is a developmental course designed for 9th grade singers. Emphasis is placed on developing healthy vocal technique and musicianship. The focus is placed on developing changing voices, expanding musical aptitude, more importantly instilling a love for music and singing. Students will also be taught how to develop group performance skills. Laker Choir students will sing a varied repertoire of music from the past and present that will relate and impact their lives in a positive way. Choir concert performances are required. There are opportunities for participation in solo/ensemble and large group contests. Required concert performances are in October, December, March, April and May. In addition to the concert performances, there are co-curricular rehearsals scheduled periodically throughout the school year.

## **MUS120 & 125: Laker Band – Year**

**Prerequisite(s): MS Band or Audition**

**Grade(s): 9-10**

This class is for all 9th and most 10th graders in band. It is expected that students in this band have a thorough knowledge of their instrument, and are able to read and perform written music notation. This is a co-curricular class, which has required performances outside of the regular school day. Required performances include all concerts. Attendance at pep band is also expected.

## **MUS140 & 145: Unified Music –Semester**

**Prerequisite(s): None**

**Grade(s): 9-12**

This course is designed for students with varying musical ability levels who would like to participate in music making, music games, and learning more about music. All students in this course will participate in music making through singing, performance, instrumentation, and musical games/activities. Students in this ensemble will assist the teacher and each other achieve musical success. Students in this class may be required to attend and participate in choir concerts throughout the school year.

## **MUS150: History of Rock and Roll – Semester**

**Prerequisite(s): None**

**Grade(s): 9-12**

This course is an in-depth study of the history of Rock & Roll. Students will study a minimum of 15 genres of

popular music from the 1950s to the present day. Course work will include listening activities and visual presentations of Rock & Roll musicians. Homework will be minimal. All music lovers are encouraged to take this rockin' class!

## **MUS200 & 205: Concert Band – Year**

**Prerequisite(s): Laker Band or Audition**

**Grade(s): 10-12**

Concert Band is a continuation of Laker Band. Some 10th graders will be placed in this band by the director. All 11th and 12th graders in band will be in this band. It is expected that students in this band have mastered the basic principles of their instrument, and are able to interpret solo/ensemble and large group music. This is a co-curricular class, which has required performances outside of the regular school day. Attendance at pep band is also expected. Participation in the solo/ensemble contest is strongly encouraged.

**\* Repeatable for elective credit.**

## **MUS210 & 215: Concert Choir – Year**

**Prerequisite(s): Laker Choir or Audition**

**Grade(s): 10-12**

Students must demonstrate a level of proficiency that displays appropriate developmental growth through the 9th and 10th grade. Students in Concert Choir will work on developing advanced musicianship, advanced vocal technique/tone production, advanced music reading, and instilling a love of making music together in an ensemble. Emphasis is placed on developing advanced group performance skills. Concert Choir students will sing repertoire from different musical periods. The choir rehearsals for public performance and concert performances are required. There are opportunities for participation in solo/ensemble and large group contest. Required concert performances are in October, December, March, April and May. All Choir Concert performances are required for this course.

**\* Repeatable for elective credit.**

## **MUS300 & 305: Jazz Band “Laker Jazz” – Year**

**Prerequisite(s): Audition and a member of Laker Band or Concert Band**

**Grade(s): 10-12**

This is a select group, with specific instrumentation. Students in the Laker Jazz Band must possess intermediate performance abilities on their instrument. Basic improvisation skills are expected, as improvisation will be studied thoroughly. There will be many performance opportunities throughout the year (including but not limited to: concerts, solo/ensemble

contest, and jazz festivals), and attendance at each event is mandatory.

\* **Jazz Band is held during Zero Hour (7:20 AM) and students must have transportation.**

\* **9<sup>th</sup> graders are not eligible for Jazz Band.**

\* **Students in Jazz Band must also register for MUS120/125 or MUS200/205 the same semester.**

\* **Repeatable for elective credit.**

### **MUS310 & 315: Laker Singers S1 & S2 –Year**

**Prerequisite(s): Audition and a member of Soprano & Alto Choir or Concert Choir**

**Grade(s): 10-12**

Advanced musical training is required for this year-long course. This ensemble based course prepares music of various styles suited for a small ensemble for multiple public performances. Training for this group will be an examination of vocal techniques and many varied styles of vocal literature, such as pop, jazz, rock, blues, madrigal, and musical theater. The choir rehearses for public performance and concert performances are required. Required concert performances are in December, March, April and May. Additional performances will be required. In addition to the concert performances, there are co-curricular rehearsals scheduled periodically throughout the school-year that students in this ensemble will be required to perform. Participation in both solo/ensemble and large group contests

are required of this ensemble.

\* **Laker Singers may be a Zero Hour class as long as all students have transportation.**

\* **9<sup>th</sup> graders are not eligible for Laker Singers.**

\* **Students in Laker Singers must also register for MUS210/215 or MUS220/225 the same semester.**

\* **Repeatable for elective credit.**

### **MUS400: Drumline – Semester**

**Prerequisite: Laker Band, Concert Band, or Audition**

**Grade(s): 9-12**

This course is designed for students who are interested in performing in a drumline. Being able to read music notation before taking this class will be extremely helpful, but not necessary. The students will learn how to read music (if necessary), and how to perform music on multiple different types of drums. Students will be assessed on skill, knowledge, and participation. The Laker Drumline will also perform at certain events outside of the school day, and attendance at those performances will be required. Performances may include: halftime or pre-game of Laker sporting events, community events such as Polar Fest and/or the Water Carnival, school assemblies, and others.

\* **Repeatable for elective credit.**

\* **Students can register for Drumline for one or both Semesters; see your counselor if interested.**

## ***PHYSICAL EDUCATION & HEALTH***

Students must acquire four credits of PE, including the two courses labeled “Required”, to earn a diploma from Detroit Lakes High School.

<b>9<sup>th</sup> GRADE PE (1 credit required)</b>	<b>HEALTH (1 credit required)</b>	<b>ELECTIVE (1 credit required)***</b>	<b>FITNESS &amp; ELECTIVE (1 credit required)</b>
<b>Laker Wellness (9-12) (Required)</b>	<b>Health (10-12) (Required)</b>	Laker Sports 9-10	Intro to Strength and Performance 9-10
	Intro to Health Careers 10-12	Lifetime Sports & Officiating 11-12	Strength and Performance 10-12
	Prevention and Care of Injury 10-12	Unified Phy Ed 11-12	Fitness and Conditioning 10-12
<p><b>*** Important Notes ***</b></p> <ol style="list-style-type: none"> <li>Students in grades 11 and 12 may be waived from, but not receive course credit for, the Elective PE requirement by participating in extracurricular sports.</li> <li>All Active Phy Ed classes except Sports and Officiating can be taken more than once if necessary. We encourage students to take various Phy Ed courses.</li> </ol>			

**ACA220: Exploration of Health Science – Sem 1****Pathway: Health Science****Grade(s): 10-12**

This course is ONLY for students in the HEALTH PATHWAY and meets the state health class requirement. This course is designed to teach students life skills in the decision making and inquiry processes in the areas of mental, physical & social health, family living, physical fitness, nutrition, drugs, alcohol & tobacco addiction & co-dependency, diseases and disorders, and lifestyle decision making. Students will also learn about the many career fields available in Health Science. Exploration of Health Science is the foundational course for all Health pathways classes.

**ACA225: Health Careers – Semester 2****Pathway: Health Science****Grade(s): 10-12****\*may be taken by any 11-12 grader as an elective course**

This course expands upon the many Health Science careers as well as employability, communication, and technology skills necessary in the healthcare industry. The concepts of human growth and development, interaction with patients and family members, health, wellness, and preventative care are evaluated, as well as the legal, ethical responsibilities of today's healthcare provider. Fundamental healthcare skills development is initiated including microbiology, basic life support and first aid. This course will provide students with a competitive edge to be the better candidate for either entry into the healthcare global marketplace and/or the post-secondary institution of their choice to continue their education and training.

**ACA310: Fundamentals of Healthcare Science – Semester****Pathway: Health Science****Grade(s): 11-12****\*may be taken by any 11-12 grader as an elective course**

This course will offer students a hands-on, project-based study in the area of health applications. Students will learn the basics of clinical and laboratory procedures, including how to assess vital signs, infection control protocols, patient history and physical examinations, minor surgery, emergency response, and physician's office work skills. The course also includes several simulations and guest teachers from the healthcare industry.

**PHY100: Laker Wellness****Length: Semester****Prerequisite(s): None****Grade(s): 9-12**

This is the first Phy Ed course all DLHS students take.

This course is designed to provide the information needed to make important decisions about health, wellness, and individual active lifestyle. Topics related to health such as personal health and wellness, social and emotional health, positive coping strategies, leadership, safety, nutrition, and physical activity will be discussed. Emphasis will be placed on the student acquiring knowledge and assuming responsibility for one's own health and activity level. Students will also review the five components of health-related fitness; cardiorespiratory fitness, muscular strength, muscular endurance, flexibility, and body composition. This class will encourage the student to enjoy and understand the role of physical activity in one's life.

**PHY110: Intro to Strength & Performance****Length: Semester****Prerequisite(s): None****Grade(s): 9-10**

This class is designed for the student with limited experience in strength training. Students will learn weight room safety for both machines and free weights, technique of basic to intermediate lifts, and opposing muscle grouping. Students will participate in plyometric, speed and agility training and pre/post baseline strength tests. Students will follow instructor designed strength program for a portion of the semester and then learn how to design, implement and follow their own basic strength program. The student will also learn how to effectively use a variety of weight training workouts for lifetime physical fitness.

**PHY120: Laker Sports****Length: Semester****Prerequisite(s): None****Grade(s): 9-10**

Students will participate in a variety of individual/dual sports and team sports. The students will learn rules and terminology, game strategies, and sport-specific skills of selected activities. The students will be assessed on their participation, skill, and knowledge of selected activities. The class may consist of the following sports: badminton, basketball, bowling, broomball, curling, disc golf, floor hockey, golf, lacrosse, leisure games, pickleball, soccer, team handball, tennis, and touch football.

**PHY 200: Fitness & Conditioning****Length: Semester****Prerequisite(s): Laker Wellness****Grade(s): 10-12**

This course is designed to give students the opportunity to learn fitness concepts and conditioning techniques used for obtaining optimal physical fitness. Students will benefit from comprehensive weight training and cardiorespiratory endurance activities. Students will learn the basic fundamentals of strength training, aerobic training, and overall fitness training and conditioning. The course includes both lecture and activity sessions. Students will be empowered to make wise choices, meet challenges, and develop positive behaviors in fitness, wellness, and movement activity for a lifetime.

**PHY230: Health****Length: Semester****Prerequisite(s): None****Grade(s): 10-12**

This course is designed to teach students life skills in the decision making and inquiry processes in the areas of mental, physical & social health, family living, physical fitness, nutrition, drugs, alcohol & tobacco addiction & codependency, diseases and disorders, and lifestyle decision making.

**PHY240: Prevention and Care of Injury****Pathway: Health Science****Length: Semester****Prerequisite(s): None****Grade(s): 10-12**

This course provides the student with an opportunity to investigate an interest in Sports Medicine. Units include history, responsibilities, sports nutrition, anatomy, kinesiology, assessing and taping of injuries. The student will also be given the opportunity to receive Certification in CPR, First Aid, and AED.

**PHY250: Lifetime Sport & Officiating****Length: Semester****Prerequisite(s): Laker Sports****Grade(s): 11-12**

This class is designed for the physical education student that is interested in participating and officiating a variety of sports. The students will learn rules and terminology. The students will be evaluated on their participation, skill, and knowledge of selected sports. The student will also create a practice plan for a selected sport or activity as well as be an active official in class activities. The class may consist of the following sports: archery, badminton, basketball, bowling, broomball, curling, disc golf,

downhill skiing or snowboarding, floor hockey, golf, lacrosse, leisure games, pickleball, soccer, team handball, tennis, and touch football.

**PHY330: Strength & Performance****Length: Semester****Prerequisite(s): Intro Weight Training or Fitness & Conditioning****Grade(s): 10-12**

This class is designed for students interested in improving sports performance and who have experience in weight training and conditioning. Students will learn how nutrition affects performance, activity/sports specific program development, multi-joint lifting and the importance of vertical and horizontal movement. All students will participate in pre/post baseline strength and conditioning tests, explosive lifting for sports, speed and agility training and body composition testing, as well as cardiorespiratory training. Students are expected to develop and modify personal training plans throughout the semester.

**PHY331: Strength & Performance****Length: Semester****Prerequisite(s): Intro Weight Training or Fitness & Conditioning****Grade(s): 10-12**

This class is available as a Blended class. The course description is the same as the non-Blended class. See page 14 for more information on Blended classes.

**PHY400: Unified Physical Education****Length: Semester****Pathway: Human Services****Prerequisite(s): None****Grade(s): 11-12**

This course combines students of all abilities to participate in developmentally appropriate activities including lifetime activities, physical fitness, and sport. Students will work together to increase competence and confidence in a variety of physical activities. Through ongoing leadership opportunities, members of this course will be empowered to help create a more inclusive and accepting school environment for all students. Unified Physical Education environments also present a unique opportunity to increase college and career readiness. Students can increase the communication and social skills that are necessary to gain employment in human services. All students will gain valuable hands-on experience.

# SCIENCE

## **SCI100 & 105: Earth and Space Science - Year**

**Prerequisite(s):** None

**Grade(s):** 9

In this year-long course, students will explore topics in Earth and space science. They will study phenomena like the sun, the expanding universe, stars, elements, and Kepler's laws. Students will also investigate Earth's history, including plate tectonics, Earth's formation, energy, water, carbon, and Earth systems. Along the way, they will build scientific skills such as creating models, analyzing evidence, and interpreting scientific data.

## **SCI200 & 205: Biology – Year**

**Prerequisite(s):** None

**Grade(s):** 10-12

This year-long course is the study of life. During the fall semester, students will focus on topics including the nature of life, cell structure and function, cell growth and division, genetics, genetic engineering and the study of various human body systems. The spring semester will include topics on evolution, microorganisms, plants, ecology, eco systems and populations. Both semesters require labs.

## **SCI210 & 215: Chemistry – Year**

**Prerequisite(s):** Geometry or Algebra II

**Grade(s):** 10-12

This year-long course examines chemicals and their change through a combination of hands-on learning activities, labs, inquiry activities, and more. Topics of study include atomic theory, atoms and molecules, chemical reactions, aqueous solutions, acids and bases, gas laws, equilibrium and kinetics, and nuclear chemistry.

## **SCI220 & 225: Physics – Year**

**Prerequisite(s):** Geometry, or Algebra II

**Grade(s):** 10-12

Fall semester is a lab approach to mechanical physics. The student will use vectors and free-body diagrams to describe force, position, velocity, and acceleration of objects in two dimensional spaces. The student will use conservation of momentum and conservation of energy to analyze an elastic collision of two solid objects in one dimensional motion.

Spring Semester is a lab approach to electricity, sound and light. The student will explain and calculate the relationship of current, voltage, resistance, and power in series/parallel circuits. The student will explain how interference, resonance, refraction, and reflection

affect sound waves. The student will compare the wavelengths, frequency, and energy of waves in different regions of the electromagnetic spectrum (light) and describe their application.

## **SCI221 & 226: Physics – Year**

**Prerequisite(s):** Geometry, or Algebra II

**Grade(s):** 10-12

This class is available as a Blended class. The course description is the same as the non-Blended class. See page 14 for more information on Blended classes.

## **SCI300 & 305: Concepts Chemistry – Year**

**Prerequisite(s):** None

**Grade(s):** 11-12

This year-long course is designed to meet the state standards for chemistry through a conceptual lens. Topics include the properties of matter, atoms, reactions, acid-base chemistry & environmental chemistry. Students will be learning the fundamental concepts of chemistry through hands-on learning activities, labs, and virtual simulations. This course will not adequately prepare students for some postsecondary science courses. If the student is planning on going to 4-year college, chemistry should be taken.

## **SCI310 & 315: AP Physics I & 2 – Year**

**Prerequisite(s):** Enrolled in or completed College Alg

**Grade(s):** 11-12

This course gives a theoretical and practical introduction to physics, including kinetics in one and two dimensions, force and dynamics, bodies in equilibrium, work and energy, linear momentum, rotational motion, fluids, waves and sound. Lab equipment is used to illustrate these concepts. A mastery of college algebra and some trigonometry is essential for success in this course. The ability to use computers for creating reports and spreadsheets is needed for lab work. PHYS 1401 is intended for all students but is especially designed for students majoring in forestry, biological sciences, dentistry, pharmacy, veterinary medicine, physical therapy and other fields related to medicine. Lab is required.  
**\*Expect about five hours of out-of-class homework for each AP/CE/PSEO class each week.**

## **SCI315: AP Physics II – Semester**

**Prerequisite(s):** Enrolled in or completed College Alg

**Grade(s):** 11-12

This course is a continuation of Physics 1401, College Physics I. This course gives a theoretical and practical



introduction to physics. Topics include thermodynamics, selected topics in electricity and magnetism, DC and AC circuit theory, light and electromagnetic radiation, atomic physics, spectroscopy, lasers and photonics, and nuclear physics. Lab equipment is used to illustrate these concepts. A mastery of College Algebra and some Trigonometry is essential for success in this course. Lab is required. Physics 1402 is intended for all students, but especially designed for students majoring in forestry, biological science, dentistry, pharmacy, veterinary medicine, physical therapy, and other related fields to medicine. **\*Expect about five hours of out-of-class homework for each AP/CE/PSEO class each week.**

### **SCI320 & 325: AP Biology – Year**

**Prerequisite(s):** Enrolled in or completed Algebra 2

**Grade(s):** 10-12

This year-long course is a college preparatory class and passing the AP exam will result in the college credit. The topics for AP biology are the same as Biology but at the college-level. Both semesters require labs based on these topics, as well as the recommended advanced placement labs. **\*Expect about five hours of out-of-class homework for each AP/CE/PSEO class each week.**

### **SCI330 & SCI335: Anatomy and Physiology – Year Pathway: Health Science**

**Prerequisite(s):** Biology (full year)

**Grade(s):** 11-12

This year-long course is organized to familiarize you with the core principles of anatomy and physiology. Included will be principles such as homeostasis, levels of organization in the body and structural and functional relationships. Topics taught start at the cellular level and will continue on up through the 11 major body systems. This course is specifically designed as an introductory course to prepare you for further coursework in a health-related career. **\*This course does not fulfill the chemistry or physics graduation requirements.**

### **SCI600 & 605: CE General Chemistry I – Year**

**Prerequisite(s):** Algebra II

**Grade(s):** 11-12

This course meets MnTC Goal Areas 2 and 3. This year-long course covers MSTATE's CHEM 1111 General Chemistry I curriculum and some additional topics of interest in chemistry. Topics include atomic theory, chemical reactions, solutions, states of matter, bonding and molecular shapes, equilibrium and kinetics, polymer chemistry, and more. This course includes a lab component. **\*This course may qualify for Concurrent Enrollment. \*Students are eligible for Concurrent Enrollment credit only if they have also completed Algebra 2. \*Expect about five hours of out-of-class homework for each AP/CE/PSEO class each week.**

## ***SOCIAL STUDIES***

### **SOC100 & 105: World Geography I & II - Year**

**Prerequisite(s):** None

**Grade(s):** 9

In World Geography, students will use the 5 themes of geography (movement, region, human-environment interaction, location, and place) to help students become more aware of their physical and social surroundings.

### **SOC200 & 205: U.S. History I & II - Year**

**Prerequisite(s):** None

**Grade(s):** 10

U.S. History I and II compose a year-long sequence to be taken consecutively. These survey classes will take students from early U.S. History through recent historical events. Students will demonstrate an understanding of themes in the history of the United States and the influence of diverse perspectives upon these themes.

### **SOC300: Economics - Semester**

**Prerequisite(s):** None

**Grade(s):** 11-12

The course will cover three main areas. The majority of the class will cover microeconomic and macroeconomic theories. A unit of consumer economics will complete the class. **This is a required course** and may be taken in the fall or spring.

### **SOC310: American Government - Semester**

**Prerequisite(s):** None

**Grade(s):** 11-12

Includes a survey on how our American government is organized and how it functions. Units include the Constitution/Civil Liberties, Federalism, and the institutions of government, which include the Legislative, Executive, and Judicial Branches of government. Special units include civil rights, immigration, and the election process. **This is a required course** and may be taken in the fall or spring.

**SOC311: American Government - Semester****Prerequisite(s): None****Grade(s): 11-12**

This class is available as a Blended class. The course description is the same as the non-Blended class. See page 14 for more information on Blended classes.

**SOC320: World History - Semester****Prerequisite(s): None****Grade(s): 11-12**

World History covers the great civilizations of the world through the Cold War. **This is a required course** and may be taken either semester. **\* The World History requirement may also be fulfilled by taking CE Western Civilization.**

**SOC321: World History - Semester****Prerequisite(s): None****Grade(s): 11-12**

This class is available as a Blended class. The course description is the same as the non-Blended class. See page 14 for more information on Blended classes.

**SOC330: Criminal Justice – Semester****Pathway: Human Services****Prerequisite(s): None****Grade(s): 11-12**

This course includes a survey of basic criminal and civil law. Local, state and federal laws are considered and how they impact our daily lives. Major areas of study include crime, law enforcement, specific criminal and civil cases and the correctional system.

**SOC340: Sociology, Anthropology, and Ethnic Studies - Semester****Pathway: Human Services****Prerequisite(s): None****Grade(s): 11-12**

This course combines key concepts from Sociology, Anthropology, and Ethnic Studies to examine how societies develop, structure, and function. This course encourages critical thinking and analysis of societal issues, providing students with a foundational understanding of how social forces influence both individual lives and collective experiences. Major topics include social stratification, race and ethnicity, deviance, and the dynamics of social networks and interaction. Topics in Anthropology include: paleoanthropology, forensic anthropology, and the role of culture in shaping human behavior and society. Ethnic Studies topics include: the significance of ethnicity in the development of social identities and the effects of cultural diversity on society.

**SOC360: World Religions - Semester****Prerequisite(s): None****Grade(s): 11-12**

This is an overview course exploring religion as a unique human experience. The course will look at how various cultures express their religious experiences.

**SOC500 & 505: AP U.S. History I & II – Year****Prerequisite(s): None****Grade(s): 10**

AP U.S. History I will focus on the study of American History from the pre-colonial period up to the Civil War. AP U.S. History II will focus on the study of American History from the Civil War through World War I and from the 1920's through current times. The instruction follows the AP format closely with a strong emphasis on mastery of AP test techniques and skills as well as depth study of a broad range of significant topics. The basic text is appropriate to a college sophomore/junior level course, and must be read in its entirety. **\*Expect about five hours of out-of-class homework for each AP/CE/PSEO class each week.**

**SOC510 & 515: CE Western Civilization I & II - Year****Prerequisite(s): None****Grade(s): 11-12**

A course designed for college-bound students, which surveys European history from the Renaissance and Reformation to the break-up of the Russian Empire. The basic text is appropriate to a college sophomore/junior level course, and must be read in its entirety. **\* The World History requirement may be fulfilled by taking this course. This course also fulfills a year credit of geography. \*Expect about five hours of out-of-class homework for each AP/CE/PSEO class each week.**

**SOC600: AP General Psychology – Year****Pathway: Human Services and Health Science****Prerequisite(s): None****Grade(s): 11-12**

This is a comprehensive introductory overview of psychology that studies human behavior and mental processes. Topics include research methods, the history of psychology, theories of human behavior, the physiological basis of behavior, sensation, perception, behavioral learning, memory, problem solving, language development, personality theory, intelligence, the influence of groups on the behavior of individuals and altered states of consciousness such as sleep and dreams. **\*Expect about five hours of out-of-class homework for each AP/CE/PSEO class each week.**

# WORK BASED LEARNING

**STW120: Vantage/Internship 2 hr – Semester**

**1 Hour Internship: STW110**

**3 Hour Internship: STW130**

**2 Hour Internship: STW120**

**4 Hour Internship: STW140**

**Prerequisite(s):** Students need to provide their own transportation

**Grade(s):** 12 (11<sup>th</sup> with approval of Administration)

The Vantage/Internship program at DLHS allows students to apply their coursework in real world settings. Students solve authentic workplace problems through hands-on learning, project-based assignments, and collaboration with professional mentors. Business and community partners provide the problems or projects that students work on each year. Many of these projects can also be utilized for the student's senior capstone requirement. **\*\*Juniors may be admitted in special circumstances for example: CNA course with healthcare partners, special projects that need to be started in the spring semester of junior year.**

**STW500: Nursing Assistant Certification – Semester, and other times depending on employer's schedule**

**Pathway: Health Science**

**Prerequisite(s):** Students must be hired by the business prior to taking this course

**Grade(s):** 10-12 (must be 16 at the start of class)

Students will apply at the local healthcare facility and be hired prior to taking this course. The content portion of the course will be done independently in an online format. Students will take the skills training component at the healthcare facility (Ecumen/Essentia) on agreed upon days and times that fit their schedule. This is a paid experience and students will receive 1 credit for taking the course. There is no cost to the student for the course or certification exam. However, students must have the ability to work for at least 1 semester on a part-time basis as part of the agreement to take the course. This paid work experience can fulfill the Vantage/Internship requirement for their Senior year and students will receive 2 DLHS credits upon completion.

**STW520: Transportation Careers - Semester**

**Pathway: Production**

**Prerequisite(s):** None

**Grade(s):** 11-12 (must be 16 at the start of class)

This course gives students an introduction to various careers in the transportation industry. Students will be introduced to skills and careers in automotive service/technician, diesel mechanics, and CDL. There will also be certification opportunities in all 3 of these areas via the DLHS internship program.

# WORLD LANGUAGES

## Ojibwe

**WOR110: Native Studies – Semester**

**Grade(s):** 9-12

In this course students will learn Ojibwe culture, history, and some language. This class will be used to bring people together to better understand one another, build and strengthen bonds, and solve community problems. It will provide a way for people to have conversations and to work through conflict or differences in a safe and productive way. This class will allow students to learn and practice communications skills, negotiating, community building, conflict resolution, talking about specific issues, staff and youth team building, staff meetings, to develop community standards for how people work and live together, and problem solving. The process is a way of getting the most complete picture of whatever issue is at hand to

enable participants to move together in a good way and to build and maintain a healthy community. We share our stories, learn about ourselves, each other and gain a better understanding of what it's like to "be in another person's shoes". **\* This class is open to all students. This class is repeatable for credit.**

**WOR210 & 215: Intro Ojibwe – Year**

**Grade(s):** 9-12

In this course, you will learn the basic introductory principles and concepts of the Ojibwe Language. You will learn the universal double vowel system in order to speak, write and read at a beginner's level. In addition to class instruction, we will use several books and websites to help you develop an understanding of the grammar and vocabulary necessary to begin communicating in Ojibwe. Along with learning the language, students will also experience the Anishinaabe

culture through activities and projects. \* **This class is open to all students.**

## Spanish

### **WOR100 & 105: Spanish 1 - Year**

#### **Grade(s): 9-12**

In this course you will learn how to speak, read, write, and listen in Spanish. We will use the textbook Realidades 1 to help you develop an understanding of the grammar and vocabulary necessary to communicate in Spanish. In addition to learning the language, students will also study the culture of the 21 different Spanish-speaking countries of the world and that of the Spanish speakers of this nation.

### **WOR200 & 205: Spanish 2 - Year**

#### **Prerequisite(s): Spanish 1 (Grade of C or above recommended)**

#### **Grade(s): 9-12**

In Spanish 2 you will continue to develop your reading, writing, speaking, and listening skills in Spanish. We will be able to effectively work with the present, past, and future tenses and continue our study of Hispanic culture using the text Realidades 2.

### **WOR300 & 305: AP Spanish 3 - Year**

#### **Pathway: Business, Health Science, Human Service**

#### **Prerequisite(s): Spanish 1 & 2 (Grade of C or above recommended)**

#### **Grade(s): 10-12**

In this class we will continue our study of Spanish grammar as well as the culture of the Spanish-speaking world. We will also concentrate on speaking and listening skills since the class will be conducted primarily in Spanish. The text for the course is Realidades 3. Additionally, we will spend time reading short stories and novellas. **\*Expect about five hours of out-of-class homework for each AP/CE/PSEO class each week.**

### **WOR400 & 405: AP Spanish 4 – Year**

#### **Pathway: Business, Health Science, Human Service**

#### **Prerequisite(s): Spanish 3**

#### **Grade(s): 11-12**

Spanish 4 is a college course. The course seeks to gain proficiency in listening, speaking, reading and writing in a second language, and to introduce the students to the literature and civilization of other countries in order to broaden his or her prospective and understand of foreign culture. **\*Expect about five hours of out-of-class homework for each AP/CE/PSEO class each week.**

**\*\* Plan Ahead!!! \*\***

Check with your counselor to find out if credits in foreign language are required for admission to the post-secondary institutions you are considering.

## Quick Course Reference Guide

Course	Short Description	NCAA	PATHWAY	WEIGHTED	Frequency of Work	Categories of Work	Course	Short Description	NCAA	PATHWAY	WEIGHTED	Frequency of Work	Categories of Work
ACA110	Seminar S1*				Minimal	R,P,Re,V,S	BUS330	Game Design/Coding		Bu			
ACA115	Seminar S2*				Minimal	R,P,Re,V,S	BUS340	Computer Science		Bu			
ACA210	Explora of Human Services		Hu				BUS410	Yearbook I S1*		Bu		Minimal	
ACA220	Explorat of Health Science		He				BUS420	Yearbook II S2*		Bu		Minimal	
ACA225	Health Careers		He				BUS600	CE Principles of Marketing		Bu			
ACA230	Explora of Business and IT		Bu				BUS640	Accounting I S1*				Often	
ACA240	Explora of Production 101		Pr				BUS650	Accounting I S2*				Often	
ACA245	Explora of Production 102		Pr				BUS660	Graphic Design I		Bu		Minimal	
ACA310	Funda. Healthcare Science		He				ENG100	English 9 S1*	✓			Often	R, Re, S
ACA340	Engineering Design 201		Pr				ENG110	English 9 S2*	✓			Often	R, Re, S
ACA345	Engineering Design 202		Pr				ENG200	English 10 S1*	✓			Often	R, Re, S
ACA440	Engineering Design 301		Pr				ENG210	English 10 S2*	✓			Often	R, Re, S
ACA445	Engineering Design 302		Pr				ENG230	Eng10 Honors S1*	✓			Often	R, Re, S
ACA300	CE Intro to Teaching		Hu	½	Minimal	R, Re, S	ENG240	Eng10 Honors S2*	✓			Often	R, Re, S
ACA500	21 <sup>st</sup> Century Skills						ENG300	Senior Comp	✓			Often	R, Re, S
AGR110	Intro to Ag, Food, Nat Res		Pr		Minimal	R, Re, V, S	ENG301	Blended Senior Comp	✓			Often	R, Re, S
AGR230	Small Engines 1		Pr		Minimal	R, Re, V, S	ENG360	Digital Media and Film				Often	R, Re, S
AGR340	Natural Resources		Pr				ENG370	Creative Writing	✓			Often	R, Re, S
AGR350	Food Science		M				ENG380	Communication Arts (Theater Arts)				Minimal	R, Re, S
AGR365	Greenhouse Mgt		Pr				ENG390	Laker Live				Often	Re, V
AGR370	AFNR Drones		Pr				ENG400	Contemporary Lit				Often	R, Re, S
AGR390	Agricultural Leadership		Pr				ENG410	Lit & Comp S1*	✓			Often	R, Re, S
AGR410	Animal Science		M		Often	R, Re, V, S	ENG411	Blended Lit & Comp S1*	✓			Often	R, Re, S
AGR610	Advanced Animal Science		M		Often	R, Re, V, S	ENG415	Lit & Comp S2*	✓			Often	R, Re, S
AGR800	Laker Agriculture S1		Pr				ENG416	Blended Lit & Comp S2*	✓			Often	R, Re, S
AGR805	Laker Agriculture S1		Pr				ENG520	AP Lit & Comp S1*	✓		1	Often	R, Re, S
AGR999	Ag Occupations						ENG521	AP Blended Lit&Com S1*	✓		1	Often	R, Re, S
ART100	Intro to Art		Hu		Minimal	RE, P	ENG525	AP Lit & Comp S2*	✓		1	Often	R, Re, S
ART110	Drawing				Minimal	RE, P	ENG526	AP Blended Lit&Com S2*	✓		1	Often	R, Re, S
ART120	Painting				Minimal	RE, P	ENG600	CE College Writing	✓		½	Often	R, Re
ART130	Sculpture				Minimal	RE, P	ENG601	CE Blended College Writ	✓		½	Often	R, Re
ART230	Ceramics				Minimal	RE, P	ENG620	CE Int Public Speaking	✓		½	Often	R, Re
ART500	CE Studio Art		M		Often	RE, P	ENG621	CE Blended Int Pub Spea	✓		½	Often	R, Re
BUS110	Intro to Word Processing		M		Minimal		FAC100	Intro to Foods		Hu		Minimal	R, Re, S
BUS235	Computer Applications		M				FAC210	Interior Design		Hu		Often	R, Re, S
BUS310	Business Mgt and Ent		M		Minimal		FAC211	Blended Interior Design		Hu		Often	R, Re, S
BUS320	Marketing						FAC300	Child Dev. I S1*		Hu		Often	R, Re, S

\*Sign up for both to get the full year-long class

\*\*Only for band/choir classes during the same hour

NOTE: Some classes are omitted from this list but are included in full Guide

NCAA = Clearinghouse Eligibility

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### Outside of Class Work Expectations

**Frequency of Outside Class Work:** describes how often there are work expectations that are scheduled to be done outside of class.

- **Minimal:** 0-3 times per month

- **Often:** 1-2 times per week

- **Daily:** 3-5 times a week

**Categories of Work:** describes the kinds of work expectations that are scheduled to be done outside of class.

- **R** Reading and/or Writing

- **P** Practice Problems or Skills

- **Re** Research, Projects, Public Performances, and/or Presentations

- **V** Video/Podcast Lecture (flip class)

- **S** Studying or other Assessment Preparation

## Quick Course Reference Guide

Course	Short Description	NCAA	PATHWAY	WEIGHTED	Frequency of Work	Categories of Work
FAC301	Blended Child Dev. I S1*		Hu		Often	R, Re, S
FAC310	Child Dev. II S2*		Hu		Minimal	R, Re, S
FAC320	Culinary 1		Hu		Minimal	R, Re, S
FAC321	Blended Culinary 1		Hu		Minimal	R, Re, S
FAC330	Culinary 2		Hu		Often	R, Re, S
FAC331	Blended Culinary 2		Hu		Often	R, Re, S
IND100	Intro Architectural Draft		Pr			
IND110	Intro to Woods		Pr			
IND120	Mechanical Drafting S1		Pr			
IND125	Mechanical Drafting S2		Pr			
IND130	Intro to Metals		Pr			
IND300	Graphic Print Design		M			
IND305	GPD: Screen Printing		Pr			
IND310	Adv. Woods		Pr			
IND321	BT ONE Hr S1		Pr			
IND326	BT TWO Hr S1		Pr			
IND331	BT ONE Hr S2		Pr			
IND336	BT TWO Hr S2		Pr			
IND350	Metals		Pr			
IND370	Laker Manufacturing S1		Pr			
IND375	Laker Manufacturing S2		Pr			
MAT100	Itm Algebra S1*	✓			Daily	P, S
MAT101	Concepts Alg 1 S1*	✓			Daily	P, S
MAT105	Itm Algebra S2*	✓			Daily	P, S
MAT106	Concepts Alg 1 S2*	✓			Daily	P, S
MAT200	Geometry 9 S1*	✓			Daily	P, S
MAT205	Geometry 9 S2*	✓			Daily	P, S
MAT210	Concepts Geom S1*	✓			Daily	P, S
MAT215	Concepts Geom S2*	✓			Daily	P, S
MAT220	Geometry 10-12 S1*	✓			Daily	P, S
MAT225	Geometry 10-12 S2*	✓			Daily	P, S
MAT230	Adv Geometry S1*	✓			Daily	P, S
MAT235	Adv Geometry S2*	✓			Daily	P, S
MAT300	Algebra II S1*	✓			Daily	P, S
MAT301	Blended Algebra II S1*	✓			Daily	P, S
MAT305	Algebra II S2*	✓			Daily	P, S
MAT306	Blended Algebra II S2*	✓			Daily	P, S

\*Sign up for both to get the full year-long class

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Course	Short Description	NCAA	PATHWAY	WEIGHTED	Frequency of Work	Categories of Work
MAT310	Concepts Alg II S1*				Often	P, S
MAT315	Concepts Alg II S2*				Often	P, S
MAT320	Adv Algebra II S1*	✓			Daily	P, S
MAT325	Adv Algebra II S2*	✓			Daily	P, S
MAT500	AP Calc AB S1*	✓	M	1	Daily	P, S
MAT505	AP Calc AB S2*	✓	M	1	Daily	P, S
MAT520	AP Stats S1*	✓	M	1	Daily	P, S
MAT525	AP Stats S2*	✓	M	1	Daily	P, S
MAT600	CE College Alg S1*	✓		½	Daily	P, S
MAT605	CE College Alg S2*	✓		½	Daily	P, S
MAT610	CE Adv College Alg	✓		½	Daily	P, S
MAT620	CE Adv Pre-Calc	✓		½	Daily	P, S
MUS100	T/B Choir S1					Re
MUS105	T/B Choir S2					Re
MUS110	S/A Choir S1					Re
MUS115	S/A Choir S2					Re
MUS120	Concert Band S1				Often	Re
MUS125	Concert Band S2				Often	Re
MUS140	Unified Music S1		Hu			
MUS145	Unified Music S2		Hu			
MUS150	History of Rock & Roll				Minimal	R
MUS200	Wind Ensemble S1				Often	Re
MUS201	Wind Ensemble **				Often	Re
MUS205	Wind Ensemble S2				Often	Re
MUS206	Wind Ensemble **				Often	Re
MUS210	Concert Choir S1				Often	Re
MUS215	Concert Choir S2				Often	Re
MUS220	Var W Choir S1				Often	Re
MUS225	Var W Choir S2				Often	Re
MUS308	Jazz Band S1				Often	Re
MUS309	Jazz Band S2				Often	Re
MUS310	Laker Singers S1				Often	Re
MUS311	LakerSingersS1**				Often	Re
MUS315	Laker Singers S2				Often	Re
MUS316	LakerSingersS2**				Often	Re
MUS400	Drumline				Often	Re
PHY100	Laker Wellness				Minimal	R, S

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## Quick Course Reference Guide

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PHY110	Intro Strength & Perf				Minimal	R, S
PHY120	Laker Sports				Minimal	R, S
PHY200	Fitness & Conditioning				Minimal	R, S
PHY230	Health				Minimal	R, Re, S
PHY240	Prevention&Care of Injury		He		Often	R, Re, S
PHY250	Lifetime Sports & Officiat				Minimal	R, S
PHY330	Strength & Performanc				Minimal	R, S
PHY331	Blended Strength & Perfor				Minimal	R, S
PHY400	Unified Phy Ed		Hu		Minimal	R, S
SCI100	Earth & Space Science 1A*	✓			Often	S
SCI105	Earth & Space Science 1B*	✓			Often	S
SCI200	Biology S1*	✓			Often	P, S
SCI205	Biology S2*	✓			Often	P, S
SCI210	Chemistry S1*	✓			Daily	P, S
SCI215	Chemistry S2*	✓			Daily	P, S
SCI220	Physics S1*	✓			Often	P, S
SCI221	Blended Physics S1*	✓			Often	P, S
SCI225	Physics S2*	✓			Often	P, S
SCI226	Blended Physics S2*	✓			Often	P, S
SCI300	Standards Chem S1*				Minimal	P, S
SCI305	Standards Chem S2*				Minimal	P, S
SCI310	AP Physics S1*	✓		1	Daily	P, S
SCI315	AP Physics S2*	✓		1	Daily	P, S
SCI320	AP Biology S1*	✓		1	Often	P, S
SCI325	AP Biology S2*	✓		1	Often	P, S
SCI330	Anatomy and Phys S1	✓	He		Often	P, S
SCI335	Anatomy and Phys S2	✓	He		Often	P, S
SCI600	CE General Chem S1*	O		½	Daily	R, P, S
SCI605	CE General Chem S2*	O		½	Daily	R, P, S
SOC100	World Geog S1*	✓			Minimal	Re, S
SOC105	World Geog S2*	✓			Minimal	Re, S
SOC200	US History S1*	✓			Minimal	R, S
SOC205	US History S2*	✓			Minimal	R, S

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SOC300	Economics	✓			Minimal	Re, S
SOC310	Amer Govt	✓			Minimal	Re, S
SOC311	Blended Amer Govt	✓			Minimal	Re, S
SOC320	World History	✓			Minimal	R, Re
SOC321	Blended World History	✓			Minimal	R, Re
SOC330	Criminal Justice	✓	Hu		Minimal	Re, S
SOC340	Sociology	✓	M		Minimal	R, Re, S
SOC350	Anthropology	✓			Minimal	R, Re, S
SOC360	World Religions	✓			Minimal	R, Re, S
SOC500	AP US History S1*	✓		1	Daily	R, S
SOC505	AP US History S2*	✓		1	Daily	R, S
SOC510	CE Western Civ S1*	O		½	Daily	R, S
SOC515	CE Western Civ S2*	O		½	Daily	R, S
SOC600	AP Psychology	✓	M	1	Daily	R, Re, S
STW110	Vantage/Intern 1 hr				Minimal	R
STW120	Vantage/Intern 2 hr				Minimal	R
STW130	Vantage/Intern 3 hr				Minimal	R
STW140	Vantage/Intern 4 hr				Minimal	R
STW500	CNA Training		He		Often	R, S
STW510	First Responder				Often	R
STW520	Transportation Careers		Pr			
WOR100	Spanish 1 S1*	✓			Daily	R, P, Re, S
WOR105	Spanish 1 S2*	✓			Daily	R, P, Re, S
WOR110	Native Studies					R, P, Re
WOR210	Intro Ojibwe 1 S1					R, P, Re
WOR215	Intro Ojibwe 1 S2					R, P, Re
WOR200	Spanish 2 S1*	✓			Daily	R, P, Re, S
WOR205	Spanish 2 S2*	✓			Daily	R, P, Re, S
WOR300	AP Spanish 3 S1*	✓	M	1	Daily	R, P, Re, S
WOR305	AP Spanish 3 S2*	✓	M	1	Daily	R, P, Re, S
WOR400	AP Spanish 4 S1*	✓	Bu	1	Daily	R, P, Re, S
WOR405	AP Spanish 4 S2*	✓	Bu	1	Daily	R, P, Re, S

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DETROIT LAKES

**LAKERS**

