

2026-2027

REGISTRATION GUIDE



DETROIT LAKES HIGH SCHOOL

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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!

Jill Walter
Principal

Justin Messer
Assistant Principal

Our course offerings give you the flexibility to shape your learning around your interests and goals, whether that means global electives, PSEO, career pathways, E-Laker online options, or Concurrent Enrollment college courses. Explore the many options available and choose a path that challenges you, supports your plans, and opens doors for the future.

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 12th 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

Department	50 Total Credits Required for Graduation
Pathway	2 Cr of Seminar (9 th) 2 Cr of Pathway Exploration (10 th) 2 Cr of Pathway (11 th) 2 Credit of Vantage/Internship (12 th) <hr/> 8
Language Arts	2 Cr of English 9 2 Cr of English 10 2 Cr of Literature 1 Cr of Composition 1 Cr of English Elective <hr/> 8
Social Studies	1 Cr of World Geography (one credit required for Class of 2030+) 2 Cr of U.S. History 1 Cr of Economics 1 Cr of Government 2 Cr of World History (two credits required for Class of 2030+) <hr/> 7
Science	2 Cr of Earth Science 2 Cr of Biology 2 Cr of Chemistry or Physics <hr/> 6
Mathematics	2 Cr of Geometry 2 Cr of Algebra 2 2 Cr of Math Elective <hr/> 6
Physical Education & Health	1 Cr of Laker Wellness 1 Cr of Fitness 1 Cr of Health 1 Cr of Active Phy Ed <hr/> 4
Fine Arts	2 Cr to be chosen from Media Arts/Visual Arts/Music/Theatre <hr/> 2
Financial Literacy	1 Cr of 21 st Century Skills <hr/> 1
Electives	8
Total Classes A Student Could Take During Their DLHS Career Class of 2027 – 58 Class of 2028+ – 56	

9th 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. 11th and 12th grade students can take six classes if they are on track for graduation.

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

- Seminar
- English
- Math
- Science
- Social Studies

Our 9th grade students will then complete their schedule by selecting five classes from the following (16+ 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: Brain + Bot: Create Faster
- 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

Example of a 9th Grade Schedule:

Semester 1		Semester 2	
Class	Credits	Class	Credits
Seminar	1	Seminar	1
English	1	English	1
Math	1	Math	1
Science	1	Science	1
Social	1	Laker Wellness*	1
Elective*	1	Elective*	1
Elective*	1	Elective*	1
Total Credits	7	Total Credits	7

** 9th Graders Must Enroll in at least Seven (7) Credits **

** The majority of students take Laker Wellness in 9th grade – you can take Laker Wellness in 10th grade **

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

10th 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. 11th and 12th grade students can take six classes if they are on track for graduation.

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

- Pathway
- English
- Math
- Science
- Social Studies

Our 10th 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 10th grade
- One of the many Electives listed in the rest of this Registration Guide

Example of a 10th Grade Schedule:

Semester 1		Semester 2	
Class	Credits	Class	Credits
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
Total Credits	7	Total Credits	7

* 10th Graders Must Enroll in at least Seven (7) Credits *

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

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

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

11th 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. 11th and 12th grade students can take six classes if they are on track for graduation.

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

- Pathway
- English
- Math
- Science
- Social Studies

Our 11th 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 11th Grade Schedule:

Semester 1		Semester 2	
Class	Credits	Class	Credits
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
Total Credits	7	Total Credits	7

** 11th Graders May Enroll in Six (6) Credits if they are on track for graduation **

** We recommend 11th graders take Seven (7) Credits **

**Starting with the Class of 2030: Students must take two semesters of World History to meet MN graduation requirements **

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

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

12th 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. 11th and 12th grade students can take six classes if they are on track for graduation.

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

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

Our 12th 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 12th Grade Schedule:

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

** 12th Graders May Enroll in Six (6) Credits if they are on track for graduation **

** We encourage students to take Economics and American Government (graduation requirements) during 12th grade **

** Students must take a one semester of 21st Century Skills during 12th grade **

** Students must take a one semester Pathway class in their chosen Pathway and one semester of Internship/Vantage during 12th grade **

** Students can request pathway classes from any pathway as electives (for example: 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 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 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 (1.0) 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 (1.0) 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 1.0 grade point. For example, an "A" in a CE/PSEO course earns 1.0 grade points.
- Post-Secondary Enrollment Options (PSEO): Weighted grades for PSEO courses will only be awarded an additional 1.0 grade point if DLHS offers an equivalent CE course.

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	BUS 2150 - Legal Environment Business	1 Semester – 3	CE	MSTATE
5	BUS2204 – Principles of Management	1 Semester – 3	CE	MSTATE
6	BUS2206 – Principles of Marketing	1 Semester – 3	CE	MSTATE
7	CHEM 1111 – General Chemistry I	2 Semesters – 5	CE	MSTATE
8	COMM 1120 – Intro to Public Speaking	1 Semester – 3	CE	MSTATE
9	ED 205 – Introduction to Teaching	1 Semester – 3	CE	MSUM
10	ENGL 1101 – College Writing	1 Semester – 3	CE	SMSU
11	HIST 1101 – Western Civilization I	1 Semester – 3	CE	MSTATE
12	HIST 1102 – Western Civilization II	1 Semester – 3	CE	MSTATE
13	MATH 1114 – College Algebra	2 Semesters – 4	CE	MSTATE
14	MATH 1114 – College Algebra	Fall Semester – 4	CE	MSTATE
15	MATH 1134 – Calculus I	2 Semesters – 5	CE	MSTATE
16	MATH 1116 – College Trigonometry	Spring Semester – 3	CE	MSTATE
17	Child Development	TBD	Articulated	MSTATE
18	Accounting	TBD	Articulated	MSTATE
19	AP Lit. & Comp.	Depends on Score	AP	Multiple
20	AP U.S. Hist.	Depends on Score	AP	Multiple
21	AP Psychology	Depends on Score	AP	Multiple
22	AP Biology	Depends on Score	AP	Multiple
23	AP Statistics	Depends on Score	AP	Multiple
24	AP Spanish 3	Depends on Score	AP	Multiple
25	AP Spanish 4	Depends on Score	AP	Multiple
26	AP Physics	Depends on Score	AP	Multiple
Total College Credits Opportunity at DLHS		55+	AP, Articulated, CE	MN State Colleges



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
TOTAL CORE UNITS REQUIRED	16 years	16 years

***** 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).** 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 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. Use the code 9999 to be sure the score is reported directly to the NCAA. The ACT score is no longer an NCAA requirement since 2023.
- **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.

** Plan Ahead!!! **

If you are planning to participate in NCAA athletics make sure your classes qualify by using the www.eligibilitycenter.org and <https://hs.dlschools.net/student-services/guidance-office>.

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.

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 9th graders, two Industry related fields trips within the student's pathway for 10th graders, a full day job shadow based on area of interest for 11th graders, and a semester in our Vantage/Internship program for 12th 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.**

E-LAKER ONLINE

E-Laker is Detroit Lakes Public School's flexible online learning program, providing a public education option for Minnesota students in grades 9-12. E-Laker courses may use a curriculum created by DLHS teachers or a curriculum delivered through the online platform Subject. Students must complete 43 credits for graduation through E-LAKER Online. Students earn 1 credit per semester-length course. Some courses are one semester in length and others are two semesters in length. Please contact Cali Harrier at 847-4491 (ext. 2305), or email at charrier@detlakes.k12.mn.us if you have any questions.

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.

HOUBOUND 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. Ally Hefta is the District's liaison assisting students and families through this program.

STUDENT SUPPORT SERVICES

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, Kim Lucas, 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.

Students' athletic eligibility and their graduation requirements is determined by their primary school enrollment and their progress towards graduation.

* Taken from the DLHS Activities Handbook.

E-LAKER ONLINE



E-Laker is Detroit Lakes Public School's flexible online learning program, providing a public education option for Minnesota students in grades 9-12. E-Laker courses may use a curriculum created by DLHS teachers or a curriculum delivered through the online platform Subject. Students must complete 43 credits for graduation through E-LAKER Online. Students earn 1 credit per semester-length course. Some courses are one semester in length and others are two semesters in length.

Core Courses

English (8 credits required)

- * English 9 (2)
- * English 10 (2)
- * English 11 (2)
- * English 12 (2)

Math (6 credits required)

- * Geometry (2)
- * Algebra 2 (2)
- * Advanced Math & Trigonometry (2)

Science (6 credits required)

- * Earth & Space Science (2)
- * Biology (2)
- * Chemistry (2) or Physics (2)

Social Studies (7 credits required)

- * World History (2)
- * US History (2)
- * Human Geography (2)
- * U.S. Government & Politics
- * Economics

Elective Courses

21st Century Skills

- Strategies for Academic Success
- Senior Seminar

Agriculture & Industrial Technology

- Current Topics in Ag
- Intro to Ag, Food, and Natural Resources
- Intro to Engineering

Art (2 art credits required)

- Art History (2)
- Drawing 1
- Photography
- Music Production / Digital Media

Business

- Cryptocurrency
- * Personal Finance / Financial Literacy 1
- Financial Literacy 2
- Intro to Computer Science
- Intro to NFTs
- Sports Entertainment & Marketing

Math

- Integrated Math 1 (2)
- Integrated Math 2 (2)
- Integrated Math 3 (2)
- Financial Algebra (2)
- Pre-Calculus (2)

Physical Education & Health (2 Phy Ed credits & 1 Health credit required)

- * Health
- * Physical Education 1 (2)
- Physical Education 2 (2)

Science

- Life Science (2)
- Physical Science (2)
- Environmental Science (2)

Social Studies

- Ethnic Studies
- Psychology (2)
- Philosophy (2)
- Sociology (2)

World Languages

- American Sign Language 1 (2)
- Spanish 1 (2)
- Spanish 2 (2)
- Spanish 3 (2)

(2) = Course has two semesters

* = Required Course for Graduation

E-LAKER ONLINE

E-Laker is Detroit Lakes Public School's flexible online learning program, providing a public education option for Minnesota students in grades 9-12. E-Laker courses may use a curriculum created by DLHS teachers or a curriculum delivered through the online platform Subject. Students must complete 43 credits for graduation through E-LAKER Online. Students earn 1 credit per semester-length course. Some courses are one semester in length and others are two semesters in length.



Career and Tech Ed (CTE) Courses

- CTE Business, Marketing and Finance (6)
 - Specific Courses To Be Announced Soon
- CTE Information Technology (6)
 - Specific Courses To Be Announced Soon
- CTE Agriculture, Food, Natural Resources (4)
 - Specific Courses To Be Announced Soon
- CTE Health Science (6)
 - Specific Courses To Be Announced Soon
- CTE Human Services (2)
 - Specific Courses To Be Announced Soon

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 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

Jill Walter, Principal

Vern Schnathorst - Work Based Learning

Sarah Williams - Pathway Instructor

Amy VanValkenburg - Pathway Instructor

Cali Harrier - E-LAKER Coordinator

Mary Rotter - Laker Prep PreSchool, School Board

Megan Hernandez - Mahube-Ottwa

Angie Muzquiz - Blue Sky Inc.

Sadie Schmit - I'll Tile & Stone

Josie Johnson - DLPD

Gretchen Hunter - Hub41, Roasted, Brygge

Marsha Erickson - West Central Initiative

Karen Buboltz - M-State, PSEO

Sara Pender - Counselor

Tahnee Moe - MN Rural CEP

Maureen Lilleby - M-State

HUMAN SERVICE PATHWAY

Grade	Arts/Culinary	Teaching/Early Childhood/Counseling	Legal/Criminal Justice
12	<ul style="list-style-type: none"> DLHS Vantage - Internship Program 	<ul style="list-style-type: none"> DLHS Vantage - Internship Program 	<ul style="list-style-type: none"> DLHS Vantage - Internship Program
11, 12	<ul style="list-style-type: none"> CE Studio Art 	<ul style="list-style-type: none"> Intro to Teaching Child Development 1 Child Development 2 AP Psychology 	<ul style="list-style-type: none"> AP Psychology AP Statistics
10, 11, 12	<ul style="list-style-type: none"> Culinary Global Foods Business Mangt/Entre (Business Pathway) Interior Design Concert Choir Exploration of Human Service 	<ul style="list-style-type: none"> Unified Physical Education Concert Choir Exploration of Human Service AP Spanish 3 	<ul style="list-style-type: none"> Exploration of Human Service Sociology, Anthropology, Ethnic Studies Criminal Justice
9, 10, 11, 12	<ul style="list-style-type: none"> Intro to Foods Brain + Bot: Create Faster 	<ul style="list-style-type: none"> Intro to Art Brain + Bot: Create Faster Spanish 1, 2 	<ul style="list-style-type: none"> Brain + Bot: Create Faster



HEALTH SCIENCE PATHWAY



**HEALTH
SCIENCES**

Health Sciences Sub-Pathways:

Medicine

Nursing

CNA

Veterinary Medicine



HEALTH SCIENCE PATHWAY ADVISORY BOARD

Jill Walter - Principal
Vern Schnathorst - Work Based Learning
Anna Moser - Health Instructor
Reilly Fawcett - Health Instructor
Casey Berntson - Core Instructor
Holly Solid - Pelican's Landing
Matthew Naugle - Essentia Health
Jennifer Beeson - Ecumen
Breanna Adams - Sanford Health
Angie Mohr - M-State Nursing
Austin Dixson - Essentia EMS
Alyssa Hagedorn - Vitalant
Hailey Jorgenson - Oak Crossing
Melissa Peterson - Essentia
Toni Thorp - M-State

HEALTH SCIENCE PATHWAY

Grade	Health Sciences
12	<ul style="list-style-type: none"> ● DLHS Vantage/Internship Program
11, 12	<ul style="list-style-type: none"> ● Fundamentals of Healthcare Science ● Anatomy and Physiology ● AP Psychology ● AP Statistics ● CE Calculus ● Animal Science (also Production Pathway) ● Advanced Animal Science (also Production Pathway)
10, 11, 12	<ul style="list-style-type: none"> ● Prevention and Care of Injury ● Business Management & Entrepreneurship ● Certified Nursing Assistant CNA ● Game Design & Coding ● Computer Science ● Accounting ● AP Spanish 3 ● Sociology, Anthropology, Ethnic Studies ● Exploration of Health Science
9, 10, 11, 12	<ul style="list-style-type: none"> ● Brain + Bot: Create Faster (also Business Pathway)



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

Jill Walter - Principal

Vern Schnathorst - Work Based Learning

Jason Kuehn - Detroit Lakes Public Schools

Tim Vagle - IT

Amy Knopf - Business Instructor

Braeden Hogie - Business Instructor

Rob Ullyott - Retired Instructor, Business Owner

Doreen Richter - Counselor

David Meyer - Business Owner

Jessica Burhans - Midwest Bank

Shelly Stowman - M-State

Sarah Hofmann - Project 412

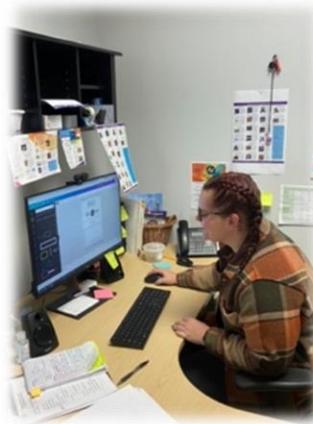
Viva Lauinger - Lakeshirts

Drew Morse - MARCO

Brian Fulmer - Lakes Computers

BUSINESS, ENTREPRENEURSHIP, INFORMATION TECHNOLOGY PATHWAY

Grade	Business Management and Finance	Graphic Design	Information Technology
12	<ul style="list-style-type: none"> DLHS Vantage - Internship Program 	<ul style="list-style-type: none"> DLHS Vantage - Internship Program 	<ul style="list-style-type: none"> DLHS Vantage - Internship Program
11, 12	<ul style="list-style-type: none"> CE Legal Environment of Business AP Statistics AP Spanish 4 CE Calculus Laker Production 	<ul style="list-style-type: none"> Yearbook 1 (Fall) Yearbook 2 (Spring) CE Studio Art Laker Production 	<ul style="list-style-type: none"> CE Calculus
10, 11, 12	<ul style="list-style-type: none"> Accounting 1 (Fall) & 2 (Spring) CE Marketing CE Principles of Management Business Mangmt and Entre Marketing AP Spanish 3 Exploration of Business & IT 	<ul style="list-style-type: none"> Graphic Design (Software) Graphic Print Design (also Production Pathway) Exploration of Business & IT 	<ul style="list-style-type: none"> Exploration of Business & IT
9, 10, 11, 12	<ul style="list-style-type: none"> Brain + Bot: Create Faster Spanish 1, 2 	<ul style="list-style-type: none"> Brain + Bot: Create Faster 	<ul style="list-style-type: none"> Brain + Bot: Create Faster



PRODUCTION PATHWAY



PRODUCTION

Production Sub-Pathways:

Agriculture/Natural
Resources

Building Trades

Engineering/Manufacturing

Transportation



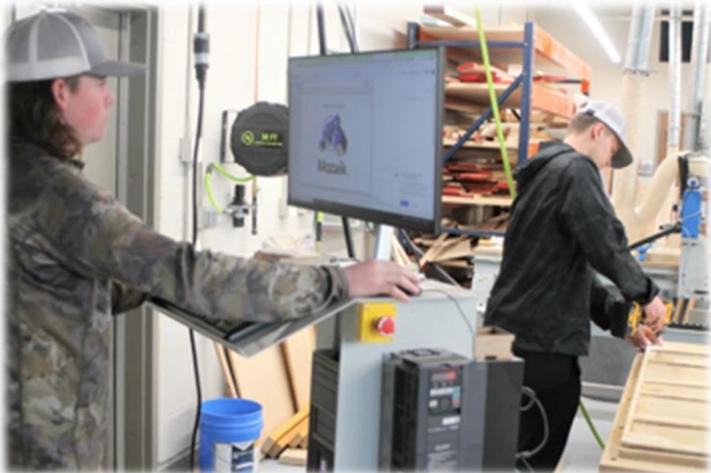
PRODUCTION PATHWAY ADVISORY BOARD

Jill Walter - Principal
Vern Schnathorst - Work Based Learning
Amanda Thorsvig - Agriculture & Metals Instructor
Dan Jorgenson - Building Trades & Metals Instructor
Skip Honke - Engineering & Transportation Instructor
Kalan Malchow - Core Instructor
Nathan Ochsner - Counselor
Brittany Nordick & Melissa Bellefeuille - TEAM Industries
Tyler Schmoll - TEAM Industries
Scott Anderson - Skid Pro Attachments
Kelsey Atkinson & Casey Bengston - Dynamic Homes
Bryan Christensen & Justin Swiers - MN DOT
Bill Henke & Marnie Larson - Tamarac Wildlife Refuge
Malia Maneval & Stephanie Krause - BTD
Adrian Gapp - Webber Family Motors
Josh Heibel & Kent Reisenauer - M-State
Nathan Hoff - BTD
Lucas Hoffman - In-Line Motion
John Steffl - Agriculture
Marc Sorenson - Lakeshirts

Tom Hunter - Friesen's Inc.
Brian Halstenggaard - SJE
Mike Gunderson - Schultz Garage
Ethan Walz - Olander Bus

PRODUCTION PATHWAY

Grade	Engineering	Manufacturing	Transportation	Agriculture/Natural Resources	Building Trades
12	<ul style="list-style-type: none"> DLHS Vantage - Internship Program 	<ul style="list-style-type: none"> DLHS Vantage - Internship Program 	<ul style="list-style-type: none"> DLHS Vantage - Internship Program 	<ul style="list-style-type: none"> DLHS Vantage - Internship Program 	<ul style="list-style-type: none"> DLHS Vantage - Internship Program
11, 12	<ul style="list-style-type: none"> Mechanical Drafting 1 Mechanical Drafting 2 Engineering Design CE Calculus Laker Production 	<ul style="list-style-type: none"> Laker Production Mechanical Drafting 1 Mechanical Drafting 2 	<ul style="list-style-type: none"> Transportation Careers 	<ul style="list-style-type: none"> Advanced Animal Science 	<ul style="list-style-type: none"> Building Trades Laker Production
10, 11, 12	<ul style="list-style-type: none"> Metals Engineering Design Exploration of Production 	<ul style="list-style-type: none"> Metals Exploration of Production 	<ul style="list-style-type: none"> Small Engines AFNR Drones Exploration of Production 	<ul style="list-style-type: none"> Animal Science Natural Resources Exploration of Production Horticulture 	<ul style="list-style-type: none"> Advanced Woods Graphic Print Design Exploration of Production
9, 10, 11, 12	<ul style="list-style-type: none"> Intro to Metals Brain + Bot: Create Faster (also Business Pathway) 	<ul style="list-style-type: none"> Intro to Metals 		<ul style="list-style-type: none"> Intro to Ag, Food, Natural Resources (AFNR) Brain + Bot: Create Faster (also Business Pathway) 	<ul style="list-style-type: none"> Architectural Drafting Intro to Woods Brain + Bot: Create Faster (also Business Pathway)



Core and Global Course



Descriptions

ACADEMY CLASSES

ACA110 & 115: 9th 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: 21st 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. In order to allow time to accomplish course assignments, 21st Century Skills may have certain days where students will work independently instead of meeting in the classroom. 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 agriculture topics including: an introduction to the FFA Organization, exploration of careers in agriculture, welding, animal science, food science, parliamentary procedure, soil science, sustainability, forestry and wildlife management, and animal science. Students will be expected to develop a supervised agricultural experience (SAE) and participate in Career and Leadership Development Events.

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.

**AGR340: Wildlife & Natural Resources – Semester
Pathway: Production**

Prerequisite(s): None

Grade(s): 10-12

Hunting, fishing and enjoying nature. If those are your favorite pastimes, have you considered a career in Wildlife & Natural Resources Management? This course will introduce students to the fundamental concepts and principles of natural resources management and wildlife conservation. Topics of study include antler mounting and scoring, fur and tree identification, field trips, research projects, and other hands-on activities.

AGR360: Horticulture

Pathway: Production

Prerequisite(s): None

Grade(s): 10-12

Have a green thumb? Horticulture is all about producing and utilizing plants! Topics of study include floral design, plant science, greenhouse management and landscape management and design. Students will learn how to identify plants and cultural practices needed to produce a successful crop of vegetables and flowers. Greenhouse design, 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.

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 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: 2D Art – 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: Folk Art – Semester

Prerequisite(s): None

Grade(s): 9-12

The four strands to the Minnesota art standards are creating, presenting, responding, and connecting. Folk art is a natural fit for these standards because it emphasizes cultural context, personal expression, and historical influences. This class will cover the historical and cultural context of various folk art traditions through hands-on projects, critical analysis, and the development of personal artistic style. Students will learn traditional and nontraditional techniques using a variety of media, explore universal symbols, and connect art to function, ritual, and their own experiences. The curriculum emphasizes creative problem-solving, critical thinking, and portfolio development. Potential Projects include pottery, basket weaving, paper making, needle felting, beading, and others. ***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.**

ART300: Studio Art – Semester

Prerequisite(s): Intro to Art or Application

Grade(s): 10-12

In Studio Art students will use foundational skills to create a body of work that focuses on developing a unique personal style. This class allows students the opportunity to create art with more independence on subject matter and material used. Studio Art builds upon the techniques learned in previous art classes. Students will be given an opportunity to choose a three dimensional or two dimensional focus within their projects. This class is an extension of drawing, painting, ceramics, and/or sculpture. ***Repeatable for elective credit.**

ART500: CE Studio Art – Semester

Prerequisite(s): Intro to Art or Application

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.

BUS235: Brain + Bot: Create Faster – Semester Pathway: Business, Human Services, Health Science, Production

Prerequisite(s): None

Grade(s): 9-12

Get ready to level up your tech skills and take charge of the digital world! In this hands-on course, you'll learn how to manipulate documents in Microsoft Word, organize and analyze information in Excel, and design dynamic presentations in PowerPoint. The course also includes basic graphic editing and introduces exciting artificial intelligence (AI) tools that help you work faster, think bigger, and create smarter. You'll learn how to edit, improve, and personalize AI-generated work so your final product reflects your ideas, creativity, and style. ***Students will take the Business Office Specialist Precision Exam at the end of this course and have the certification with a passing score.**

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.

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.

BUS340: Information Technology – Semester Pathway: Business

Prerequisite(s): None

Grade(s): 10-12

Dive into the world of Information Technology and discover how the latest digital tools power today's businesses! In this hands-on course, you'll master essential software, explore creative digital media, and unlock the potential of AI to work smarter—not harder. Whether you're dreaming of a tech career or just want to level up your digital skills, this class shows you how to make technology work for you in real-world professional settings.

BUS380 & 385: Laker Production: Operations – Semester

Pathway: Production

Prerequisite(s): Approval via Application

Grade(s): 11-12

Step into the world of real-world business and design with Laker Production, a fully student-run company where creativity meets entrepreneurship. In this course, graphic design students will bring custom projects to life—creating banners, stickers, cornhole board designs, and other products for actual customers. Business students will manage the operational side of the company, maintaining the Laker Production website, handling customer service, creating invoices, and quoting jobs. This course blends design and business skills, giving students a chance to run a professional operation, serve real customers, and see their work make an impact.

*** Repeatable for elective credit.**

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): 10-12

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.**

BUS620: CE Principles of Management – Semester

Pathway: 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 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.**

BUS620: CE Legal Environment Business – Semester Pathway: Business

Prerequisite(s): None

Grade(s): 10-12

Want to know how the law really affects businesses and your everyday life? This class dives into the basics of business law—like contracts, workplace rules, consumer rights, and making smart ethical choices. You'll check out real court cases, try fun simulations, and get hands-on with activities that show how laws shape the business world. If you're curious about what goes on behind the scenes in companies and how legal stuff impacts jobs and money, this course is for you!

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:

Recommended Progression	Semester	Semester
9 th Grade	English 9	English 9
10 th Grade	English 10	English 10
11 th Grade	Literature credit (L)	Literature credit (L)
12 th Grade	Writing credit (W)	English Elective credit (L or W)

** 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:

YEAR	HIGH SCHOOL / MILITARY	TECHNICAL COLLEGE	COMMUNITY COLLEGE	4-YEAR COLLEGE
9th GRADE	English 9 (2 semesters)			
10th GRADE	English 10 (2 semesters)			
				English 10 Honors (2 sem)
11th/12th GRADE	Senior Composition (W)	Senior Composition (W)	Senior Composition (W)	Senior Composition (W)
			College Writing (W)	College Writing (W)
	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.

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.

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

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.

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.**

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.

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.**

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 own and their peers' work. 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 & English 10

Grade(s): 11-12

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.**

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 – 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.

FAC330: Global Foods – Semester

Pathway: Human Services

Prerequisite: Intro to Foods

Grades: 10-12

This is an advanced culinary course for students with a desire to learn and improve their culinary skills. In this course students will learn how to prepare and plate appetizers, side dishes and main entrees. Students will learn to prepare the five mother sauces, pasta and grain dishes, decadent desserts and

compete in a best burger challenge. The second half of this course will focus on cuisine from around the world and students will prepare a variety of dishes from other countries, including China, Italy, Mexico and France. Lastly, students will also get experience in the restaurant industry selling lunch at the Laker Cafe.

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.

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.**

FAC310: Child Development II – Spring (1st and 2nd Hr or 2nd and 3rd Hr)**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. Students will also apply their knowledge of child development to an existing program as they become an assistant in a classroom. Students will be placed in childcare centers, or elementary 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.**

FAC315: Child Development II – Spring (3rd Hr)**Pathway: Human Services****Prerequisite(s): Child Development - Driver's license and access to transportation****Grade(s): 11-12**

This course is an additional period of Child Development II – offered during 3rd hour.

ACA300: CE Introduction to Teaching – Semester**Pathway: Human Services****Prerequisite: None - Driver's license or access to transportation (school can assist)****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

Engineering	Ind Tech Electives	Construction Path	Metals Path
Exploration of Production (All Paths)			
Engineering Design 101	Intro to Architectural Drafting	Intro to Woods	Intro to Metals
Engineering Design 201	Mechanical Drafting 1 & 2	Advanced Woods	Metals
Engineering Design 301 Laker Production	Graphic Print Design Laker Production	Building Trades Laker Production	Laker Production

ACA240: Exploration of Production – Semester**Pathway: Production****Grade(s): 10-12**

Students will explore the many career opportunities in the Production Pathway during this semester class. Topics of study may include Agribusiness, Agriculture, Carpentry, Construction, Drafting, Drones, Engineering, Engines, Food Systems, Forestry, Manufacturing, and Natural resources.

ACA330 & ACA335: Engineering Design 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

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.

*** Repeatable for elective credit.**

*** 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.

**IND380 & 385: Laker Production: Creations –
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. 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.**

MATH

Common Math Course Sequences for the **Classes of 2027 and 2028:**

9th Grade	Concepts Algebra 1	Algebra 1	Geometry
10th Grade	Concepts Geometry	Geometry	Advanced Algebra 2
11th Grade (2028)	Concepts Algebra 2	Algebra 2 (MAT308 & 309)	Advanced College Algebra and Advanced Trigonometry
12th Grade (2027)	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 (middle column) *

* 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 the **Class of 2029 and Beyond:**

9th Grade (2030)	Concepts Geometry	Geometry	Advanced Geometry
10th Grade (2029)	Concepts Algebra 2	Algebra 2	Advanced Algebra 2
11th Grade	Concepts FST	FST	Advanced College Algebra and Advanced Trigonometry
12th 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 (middle column) *

* 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 *

MAT200 & 205: Geometry – 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.

MAT210 & 215: Concepts Geometry – 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.

MAT230 & 235: Advanced Geometry – Year

Prerequisite(s): None

Grade(s): 9

This course is the same as Geometry but moves at a faster pace and topics are covered in greater depth.

MAT300 & 305: Algebra II – Year

Prerequisite(s): None

Grade(s): 10

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.

MAT308 & 309: Algebra II (11th) – Year**Prerequisite(s): None****Grade(s): 11**

An Algebra 2 class for 11th graders needed for the 2027 School Year due to curriculum adjustments.

MAT310 & 315: Concepts Algebra II – Year**Prerequisite(s): Intermediate Algebra****Grade(s): 10-12**

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.

MAT320 & 325: Advanced Algebra II – Year**Prerequisite(s): Geometry****Grade(s): 10**

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): CE 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 Trigonometry – 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: Music Appreciation – Semester

Prerequisite(s): None

Grade(s): 9-12

This course allows students to explore, understand, and enjoy a variety of musical styles, contexts, and medias. Student will use critical listening skills, musical literacy (musical elements, form, genre, culture), and an appreciation for how music functions, is used in society, and in media. They will learn how music is created, performed, responded to, and connected to society, history, and culture. The course does not require prior performance or performing experience, but instead emphasized listening, reflection, discussion, and creative activities.

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.

* 9th 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 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.

* 9th 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.

9 th GRADE PE (1 credit required)	HEALTH (1 credit required)	ELECTIVE (1 credit required)***	FITNESS & ELECTIVE (1 credit required)
Laker Wellness (9-12) (Required)	Health (10-12) (Required)	Laker Sports 9-10	Intro to Strength and Performance 9-10
	Prevention and Care of Injury 10-12	Lifetime Sports & Officiating 11-12	Strength and Performance 10-12
		Unified Phy Ed 11-12	Fitness and Conditioning 10-12
<p style="text-align: center;"><u>*** Important Notes ***</u></p> <ol style="list-style-type: none"> 1. 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. 2. 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. 			

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

Exploration of Health Science is the foundational course for all Health pathways classes. Students will learn about the many career fields available in Health Science and also help students grow their employability, communication, and technology skills. 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 and 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 Health 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.

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.

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: AP Physics I – Semester**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

This is the recommended Social Studies course progression for all students:

Recommended Progression	Semester	Semester
9th Grade	World Geography	Any Elective
10th Grade	US History	US History
11th Grade	World History	World History
12th Grade	Economics	American Government

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

**** It doesn’t matter which semester a student takes their Required classes. ****

SOC100 & 105: World Geography - Semester

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. ***One Semester of World Geography is required for graduation.**

the class. **This is a required course** and may be taken in the fall or spring.

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.

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.

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

SOC320: World History - Semester

Prerequisite(s): None

Grade(s): 11-12

World History examines historical events from the cradles of civilization to the modern global era, teaching students the skills of historical inquiry, source analysis, and evidence-based argumentation. Students will analyze how ideas, power, and conflict have shaped societies over time. ***The World History requirement may also be fulfilled by taking CE Western Civilization.**

SOC330: Criminal Justice – Semester**Pathway: Human Services****Prerequisite(s): None****Grade(s): 10-12**

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): 10-12**

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): 10-12**

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**

This course provides a discussion of the political, economic, cultural and social factors which have shaped the history of Western Civilization. Fall Semester topics include ancient civilizations, the development of the major religions of the Western world, the Medieval period, the Renaissance and Reformation, the rise of capitalism, the development of the nation state, and the Age of Absolutism. Spring Semester topics include the Glorious, French and Industrial Revolutions, and Napoleon. 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 geography credit. *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**Prerequisite(s): Students need to provide their own transportation****Grade(s): 12 (11th 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**

1 Hour Internship: STW110**3 Hour Internship: STW130****4 Hour Internship: STW140**

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

Spanish

WOR100 & 105: Spanish 1 - Year

Pathway: Business, Human Service

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

Pathway: Business, Human Service

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 school of choice 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	BUS385	Laker Production: Operations S2		Bu		Minimal	
ACA115	Seminar S2*				Minimal	R,P,Re,V,S	BUS410	Yearbook I S1*		Bu		Minimal	
ACA210	Explora of Human Services		Hu		Minimal		BUS420	Yearbook II S2*		Bu		Minimal	
ACA220	Explorat of Health Science		He		Minimal		BUS600	CE Principles of Marketing		Bu	✓		
ACA230	Explora of Business and IT		Bu		Minimal		BUS620	CE Principles of Mgmt		Bu	✓	Often	
ACA240	Exploration of Production		Pr		Minimal		BUS630	CE Legal Env of Business		Bu	✓	Often	
ACA310	Funda. Health Science		He		Minimal		BUS640	Accounting I S1*				Often	
ACA330	Engineering Design 101		Pr		Minimal		BUS650	Accounting I S2*				Often	
ACA335	Engineering Design 102		Pr		Minimal		BUS660	Graphic Design I		Bu		Minimal	
ACA340	Engineering Design 201		Pr		Minimal		ENG100	English 9 S1*	✓			Often	R, Re, S
ACA345	Engineering Design 202		Pr		Minimal		ENG110	English 9 S2*	✓			Often	R, Re, S
ACA440	Engineering Design 301		Pr		Minimal		ENG200	English 10 S1*	✓			Often	R, Re, S
ACA445	Engineering Design 302		Pr		Minimal		ENG210	English 10 S2*	✓			Often	R, Re, S
ACA300	CE Intro to Teaching		Hu	✓	Minimal	R, Re, S	ENG230	Eng10 Honors S1*	✓			Often	R, Re, S
ACA500	21 st Century Skills				Often	RE, P	ENG240	Eng10 Honors S2*	✓			Often	R, Re, S
AGR110	Intro to Ag, Food, Nat Res		Pr		Minimal	R, Re, V, S	ENG300	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		Minimal		ENG370	Creative Writing	✓			Often	R, Re, S
AGR360	Horticulture		Pr		Minimal		ENG380	Communication Arts (Theater Arts)				Minimal	R, Re, S
AGR370	AFNR Drones		Pr		Minimal		ENG390	Laker Live				Often	Re, V
AGR390	Agricultural Leadership		Pr		Minimal		ENG400	Contemporary Lit				Often	R, Re, S
AGR410	Animal Science		M		Often	R, Re, V, S	ENG410	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		Minimal		ENG520	AP Lit &Comp S1*	✓		✓	Often	R, Re, S
AGR805	Laker Agriculture S1		Pr		Minimal		ENG525	AP Lit &Comp S2*	✓		✓	Often	R, Re, S
AGR999	Ag Occupations				Minimal		ENG600	CE College Writing	✓		✓	Often	R, Re
ART100	Intro to Art		Hu		Minimal	RE, P	ENG620	CE Int Public Speaking	✓		✓	Often	R, Re
ART110	Drawing				Minimal	RE, P	FAC100	Intro to Foods		Hu		Minimal	R, Re, S
ART120	Painting				Minimal	RE, P	FAC210	Interior Design		Hu		Often	R, Re, S
ART130	Sculpture				Minimal	RE, P	FAC300	Child Dev. I S1*		Hu		Often	R, Re, S
ART230	Ceramics				Minimal	RE, P	FAC310	Child Dev. II S2*		Hu		Minimal	R, Re, S
ART500	CE Studio Art		M	✓	Often	RE, P	FAC320	Culinary		Hu		Minimal	R, Re, S
BUS235	Brain + Bot: Create Faster		M		Minimal		FAC330	Global Foods		Hu		Often	R, Re, S
BUS310	Business Mgt and Ent		M		Minimal		IND100	Intro Architectural Draft		Pr			
BUS320	Marketing				Minimal		IND110	Intro to Woods		Pr			
BUS340	Information Technology		Bu		Minimal		IND120	Mechanical Drafting S1		Pr			
BUS380	Laker Production: Operations S1		Bu		Minimal		IND125	Mechanical Drafting S2		Pr			

*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
 AP = Advanced Placement +1.0
 Wgtd = Uses a weighted grade method
 O = has had a name change and will probably be NCAA approved
 CE = Concurrent Enrollment +1/2
 M = Multiple Pathways

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 (flipped class)
- **S** Studying or other Assessment Preparation

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
IND130	Intro to Metals		Pr				MUS105	T/B Choir S2					Re
IND300	Graphic Print Design		M				MUS110	Laker Choir S1					Re
IND310	Adv. Woods		Pr				MUS115	Laker Choir S2					Re
IND321	BT ONE Hr S1		Pr				MUS120	Laker Band S1				Often	Re
IND326	BT TWO Hr S1		Pr				MUS125	Laker Band S2				Often	Re
IND331	BT ONE Hr S2		Pr				MUS140	Unified Music S1		Hu			
IND336	BT TWO Hr S2		Pr				MUS145	Unified Music S2		Hu			
IND350	Metals		Pr				MUS150	History of Rock & Roll				Minimal	R
IND380	Laker Production S1		Pr				MUS200	Concert Band S1				Often	Re
IND385	Laker Production S2		Pr				MUS201	Concert Band S1 **				Often	Re
MAT100	Itm Algebra S1*	✓			Daily	P, S	MUS205	Concert Band S2				Often	Re
MAT101	Concepts Alg 1 S1*	✓			Daily	P, S	MUS206	Concert Band S2 **				Often	Re
MAT105	Itm Algebra S2*	✓			Daily	P, S	MUS210	Concert Choir S1		Hu		Often	Re
MAT106	Concepts Alg 1 S2*	✓			Daily	P, S	MUS211	Concert Choir S1 **				Often	Re
MAT200	Geometry 9 S1*	✓			Daily	P, S	MUS215	Concert Choir S2		Hu		Often	Re
MAT205	Geometry 9 S2*	✓			Daily	P, S	MUS216	Concert Choir S2 **				Often	Re
MAT210	Concepts Geom S1*	✓			Daily	P, S	MUS300	Jazz Band S1				Often	Re
MAT215	Concepts Geom S2*	✓			Daily	P, S	MUS301	Jazz Band S1 **				Often	Re
MAT220	Geometry 10-12 S1*	✓			Daily	P, S	MUS305	Jazz Band S2				Often	Re
MAT225	Geometry 10-12 S2*	✓			Daily	P, S	MUS306	Jazz Band S2 **				Often	Re
MAT230	Adv Geometry S1*	✓			Daily	P, S	MUS310	Laker Singers S1				Often	Re
MAT235	Adv Geometry S2*	✓			Daily	P, S	MUS311	Laker Singers S1 **				Often	Re
MAT300	Algebra II S1*	✓			Daily	P, S	MUS315	Laker Singers S2				Often	Re
MAT305	Algebra II S2*	✓			Daily	P, S	MUS316	Laker Singers S2 **				Often	Re
MAT310	Concepts Alg II S1*				Often	P, S	MUS400	Drumline				Often	Re
MAT315	Concepts Alg II S2*				Often	P, S	PHY100	Laker Wellness				Minimal	R, S
MAT320	Adv Algebra II S1*	✓			Daily	P, S	PHY110	Intro Strength & Perf				Minimal	R, S
MAT325	Adv Algebra II S2*	✓			Daily	P, S	PHY120	Laker Sports				Minimal	R, S
MAT500	CE Calc AB S1*	✓	M	✓	Daily	P, S	PHY200	Fitness & Conditioning				Minimal	R, S
MAT505	CE Calc AB S2*	✓	M	✓	Daily	P, S	PHY230	Health				Minimal	R, Re, S
MAT520	AP Stats S1*	✓	M	✓	Daily	P, S	PHY240	Prevention&Care of Injury		He		Often	R, Re, S
MAT525	AP Stats S2*	✓	M	✓	Daily	P, S	PHY250	Lifetime Sports & Officiat				Minimal	R, S
MAT600	CE College Alg S1*	✓		✓	Daily	P, S	PHY330	Strength & Performance				Minimal	R, S
MAT605	CE College Alg S2*	✓		✓	Daily	P, S	PHY400	Unified Phy Ed		Hu		Minimal	R, S
MAT610	CE Adv College Alg	✓		✓	Daily	P, S	SCI100	Earth & Space Science 1A*	✓			Often	S
MAT620	CE Adv Pre-Calc	✓		✓	Daily	P, S	SCI105	Earth & Space Science 1B*	✓			Often	S
MUS100	T/B Choir S1					Re	SCI200	Biology S1*	✓			Often	P, 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 AP = Advanced Placement +1.0 Wgtd = Uses a weighted grade method O = has had a name change and will probably be NCAA approved CE = Concurrent Enrollment +1/2 M = Multiple Pathways						
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 (flipped class) - S Studying or other Assessment Preparation						

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SCI205	Biology S2*	✓			Often	P, S	SOC330	Criminal Justice	✓	Bu		Minimal	Re, S
SCI210	Chemistry S1*	✓			Daily	P, S	SOC340	Sociology, Anthropology, Ethnic Studies	✓	M		Minimal	R, Re, S
SCI215	Chemistry S2*	✓			Daily	P, S	SOC360	World Religions	✓			Minimal	R, Re, S
SCI220	Physics S1*	✓			Often	P, S	SOC500	AP US History S1*	✓		✓	Daily	R, S
SCI225	Physics S2*	✓			Often	P, S	SOC505	AP US History S2*	✓		✓	Daily	R, S
SCI300	Concepts Chem S1*				Minimal	P, S	SOC510	CE Western Civ S1*	O		✓	Daily	R, S
SCI305	Concepts Chem S2*				Minimal	P, S	SOC515	CE Western Civ S2*	O		✓	Daily	R, S
SCI310	AP Physics S1*	✓		✓	Daily	P, S	SOC600	AP Psychology	✓	M	✓	Daily	R, Re, S
SCI315	AP Physics S2*	✓		✓	Daily	P, S	STW110	Vantage/Intern 1 hr				Minimal	R
SCI320	AP Biology S1*	✓		✓	Often	P, S	STW120	Vantage/Intern 2 hr				Minimal	R
SCI325	AP Biology S2*	✓		✓	Often	P, S	STW130	Vantage/Intern 3 hr				Minimal	R
SCI330	Anatomy and Phys S1	✓	He		Often	P, S	STW140	Vantage/Intern 4 hr				Minimal	R
SCI335	Anatomy and Phys S2	✓	He		Often	P, S	STW500	CNA Training		He		Often	R, S
SCI600	CE General Chem S1*	O		✓	Daily	R, P, S	STW510	First Responder				Often	R
SCI605	CE General Chem S2*	O		✓	Daily	R, P, S	STW520	Transportation Careers		Pr			
SOC100	World Geography	✓			Minimal	Re, S	WOR100	Spanish 1 S1*	✓	M		Daily	R, P, Re, S
SOC200	US History S1*	✓			Minimal	R, S	WOR105	Spanish 1 S2*	✓	M		Daily	R, P, Re, S
SOC205	US History S2*	✓			Minimal	R, S	WOR200	Spanish 2 S1*	✓	M		Daily	R, P, Re, S
SOC300	Economics	✓			Minimal	Re, S	WOR205	Spanish 2 S2*	✓	M		Daily	R, P, Re, S
SOC310	Amer Govt	✓			Minimal	Re, S	WOR300	AP Spanish 3 S1*	✓	M	✓	Daily	R, P, Re, S
SOC320	World History S1	✓			Minimal	R, Re	WOR305	AP Spanish 3 S2*	✓	M	✓	Daily	R, P, Re, S
SOC325	World History S2	✓			Minimal	R, Re	WOR400	AP Spanish 4 S1*	✓	Bu	✓	Daily	R, P, Re, S
							WOR405	AP Spanish 4 S2*	✓	Bu	✓	Daily	R, P, Re, S

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Thank you to the Business Partners of DLHS Academies

Our Academy Program and career pathways would not exist without the extraordinary support of our business partners.

We extend our sincere gratitude to the hundreds of businesses and organizations, as well as the thousands of individuals who have invested their time, expertise, resources, and belief in our students and our school. Your willingness to mentor, advise, host experiences, provide opportunities, and team with our staff has helped turn this vision into reality.

Because of your support, students are gaining real-world skills, exploring meaningful career pathways, and building connections that will guide them well beyond high school. Your partnership has strengthened our programs, enriched learning, and expanded what is possible for every student we serve.

While it is impossible to list every contributor, please know that every contribution matters. Whether you supported us through guidance, instruction, advocacy, resources, or opportunity—this program is better because of you.

Thank you for your continued partnership, your commitment to education, and your belief in the potential of our students. Together, we are building pathways to success.

Thank you for investing in our students!



DETROIT LAKES

LAKERS

