

2024-2025 REGISTRATION GUIDE



DETROIT LAKES HIGH SCHOOL

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Principals' Message to Parents and Students of the DLHS Community

Students and Families,

As we begin our second semester, it is again time for our students to look ahead and begin planning for next 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 sixteen classes each school year. As you are deciding which classes to take, make sure you listen to your counselor's instructions and take time to look through this information.

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

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

Thanks for taking the time to register!

Josh Omang
Principal

Justin Messer
Assistant Principal

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.

Counselors' Message to 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)

DLPS - Graduation Requirements for 2028+

Department	50 Total Credits Required for Graduation
Pathway	2 Cr of Seminar 2 Cr of Pathway Exploration 2 Cr of Pathway 1 Credit of Vantage/Internship and 1 Credit of Pathway
	8
Language Arts	2 Cr of English 9 in grade 9 2 Cr of English 10 in grade 10 2 Cr of Literature in grade 11 or 12 1 Cr of Composition in grade 11 or 12 1 Cr of Student's Choice in grade 11 or 12
	8
Social Studies	2 Cr of World Geography in grade 9 2 Cr of U.S. History in grade 10 1 Cr of Economics 1 Cr of Government 1 Cr of World History
	7
Science	2 Cr of Earth Science 2 Cr of Biology 2 Cr of Chemistry or Physics
	6
Mathematics	2 Cr of Algebra 2 Cr of Geometry 2 Cr of Algebra 2
	6
Physical Education & Health	1 Cr of Laker Wellness in grade 9 1 Cr of Fitness 1 Cr of Health 1 Cr of active PhyEd
	4
Fine Arts	2 Cr to be chosen from Media Arts/Visual Arts/Music/Theatre
	2
Financial Literacy	1 Cr of 21 st Century Skills
	1
Electives	12
Total Classes Possible During Their DLHS Career	56

Graduation Requirements By Grad Year

Graduation Requirements per Class	Class of 2025	Class of 2026	Class of 2027	Class of 2028
English	8	8	8	8
Fine Arts	2	2	2	2
* Financial Literacy	1	1	1	1
* Health	1	1	1	1
Math	6	6	6	6
* Physical Education	3	3	3	3
Science	6	6	6	6
Social Studies	7	7	7	7
Electives	18	16	16	16
* Pathway Classes	8	8	8	8
General Electives	10	8	8	8
<u>Total Credits Required For Graduation</u>	<u>52</u>	<u>50</u>	<u>50</u>	<u>50</u>
Total Classes A Student Could Take During Their DLHS Career	62	60	58	56
* Locally Required Credits = 13				
* Local Required Credits Also Count Towards the State Required 14 Elective Credits				

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. Students can take eight classes if they take DLHS Jazz Band or Laker Singers during Zero Hour. 11th and 12th grade students can take six classes if they are on track for graduation.

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

- Seminar
- Math
- Social Studies
- English
- Science

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

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

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	Social	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 – if you take Spanish and Band/Choir during 9th grade, you will 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. Students can take eight classes if they take DLHS Jazz Band or Laker Singers during Zero Hour. 11th and 12th grade students can take six classes if they are on track for graduation.

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

- Pathway
- Math
- Social Studies
- English
- Science

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 (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. Students can take eight classes if they take DLHS Jazz Band or Laker Singers during Zero Hour. 11th and 12th grade students can take six classes if they are on track for graduation.

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

- Pathway
- Math
- Social Studies
- English
- Science

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 **

** We encourage students to take Economics and World History during 11th grade **

** 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 (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. Students can take eight classes if they take DLHS Jazz Band or Laker Singers during Zero Hour. 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*
- 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
Elective*	1	Elective*	1
Elective*	1	Elective*	1
Elective*	1	Elective*	1
Elective*	1		
Total Credits	7	Total Credits	6-9 credits

* We encourage students to take American Government (graduation requirement) 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 (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.

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 greater 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 Detroit Lakes high school media center upon completion of a course.

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. Students may not accelerate graduation through PSEO.

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 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+

College Credit Opportunities at DLHS

#	Course	College Credits	Type of Credit	School
1	ART 1110 – Introduction to Art	1 Semester - 3	CE	MSTATE
2	BUS2206 – Principles of Marketing	1 Semester – 3	CE	MSTATE
3	CHEM 1111 – General Chemistry I	2 Semesters – 5	CE	MSTATE
4	COMM 1120 – Introduction to Public Speaking	1 Semester – 3	CE	MSTATE
5	ED 205 – Introduction to Teaching	1 Semester – 3	CE	MSUM
6	ENGL 1101 – College Writing	1 Semester – 3	CE	MSTATE
7	HIST 1101 – Western Civilization I	1 Semester – 3	CE	MSTATE
8	HIST 1102 – Western Civilization II	1 Semester – 3	CE	MSTATE
9	MATH 1114 - College Algebra	2 Semesters – 4	CE	MSTATE
10	MATH 1114 - College Algebra	Fall Semester – 4	CE	MSTATE
11	MATH 1118 – Pre-Calculus	Spring Semester – 5	CE	MSTATE
12	Child Development	TBD	Articulated	MSTATE
13	Accounting	TBD	Articulated	MSTATE
14	AP Lit. & Comp.	Depends on Score	AP	Multiple
15	AP U.S. Hist.	Depends on Score	AP	Multiple
16	AP Psychology	Depends on Score	AP	Multiple
17	AP Biology	Depends on Score	AP	Multiple
18	AP Statistics	Depends on Score	AP	Multiple
19	AP Calculus	Depends on Score	AP	Multiple
20	AP Spanish 3	Depends on Score	AP	Multiple
21	AP Spanish 4	Depends on Score	AP	Multiple
22	AP College Physics	Depends on Score	AP	Multiple
Total College Credits Opportunities at DLHS		39+	College Credits: AP, Articulated, CE	3 MN State Colleges

Students passing a PSEO class get a Graduation Credit Bonus but no Weighted GPA Bonus.

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

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



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.

- **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 do not have any academic deficiencies. Waiting until your senior year to register may not allow you time to fulfill these deficiencies before graduation.
- **Maintain your Core Course Grade Point Average.** On a 4.0 GPA scale, at graduation a student must have a cumulative 2.3 GPA for Division I schools or 2.2 GPA for Division II schools in their core courses.
- **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. This is an NCAA requirement.
- **Graduate from high school.** Preliminary certification may be issued for students; final certification will be issued only after final transcript receipt, including proof of graduation.

PROGRAMS

DETROIT LAKES

INDEPENDENT STUDY PROGRAM (ISP)

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

Academic Provisions

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

Support Services

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

SPECIAL EDUCATION

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

WORK BASED LEARNING

Throughout their high school experience students move through our work-based learning continuum which provides experiences in the workplace at all levels, for all students. The highlighted activities for

each grade level include: Career Expo for 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.**

STUDENT SUPPORT SERVICES

COUNSELING CENTER

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

AMERICAN INDIAN SERVICES

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

NURSING SERVICES

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

HOMEBOUND INSTRUCTION FOR LONG TERM ABSENCE

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

HOMELESS SERVICES

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

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

CHEMICAL HEALTH COORDINATOR

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

SCHOOL RESOURCE OFFICER

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

Activity Eligibility: Academic Requirements

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

Credits

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

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

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

Grades

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

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

* Taken from the DLHS Activities Handbook.

Scheduling Procedures & Changes

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

All course adds and drops are handled by the school counselors and administration.

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

Schedule Changes

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

Pass/Fail Option

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

Withdrawal Option

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

Drop Option

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

HUMAN SERVICE PATHWAY



**HUMAN
SERVICES**

Human Services Sub-Pathways:

Culinary Arts

Fine Arts

Teaching

Early Childhood

Counseling

Criminal Justice



HUMAN SERVICE PATHWAY ADVISORY BOARD

Josh Omang - Principal

Vern Schnathorst - Work Based Learning

Sarah Williams - Pathway Instructor

Amy Vanvalkenburg - Pathway Instructor

Cali Harrier - Freshman Seminar

Tina Lof - Special Education

Mary Rotter - Laker Prep PreSchool,

Marsha Erickson - West Central Initiative

Karen Buboltz - M-State (& PSEO)

Sara Pender - Counselor

Tahnee Moe - MN Rural CEP

Ashley Drewes - Pro Resources

Steve Erickson - M-State

Maureen Lilleby - M-State

Jennifer Hellekson - Community Member

HUMAN SERVICE PATHWAY

Grade	Arts/Culinary	Teaching/Early Childhood/Counseling	Legal/Criminal Justice
12	<ul style="list-style-type: none"> 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"> Culinary 1 Culinary 2 Business Management/Entrepreneurship (From Business Pathway) Studio Art (CE Course) 	<ul style="list-style-type: none"> Intro to Teaching Child Development 1 Child Development 2 AP Psychology 	<ul style="list-style-type: none"> Criminal Justice AP Psychology Sociology AP Statistics
10, 11, 12	<ul style="list-style-type: none"> Interior Design Food Science (Production Pathway) Computer Applications 	<ul style="list-style-type: none"> Unified Physical Education Unified Music Computer Applications 	<ul style="list-style-type: none"> Computer Applications
9, 10, 11, 12	<ul style="list-style-type: none"> Intro to Foods 	<ul style="list-style-type: none"> Intro to Art 	



HEALTH SCIENCE PATHWAY



**HEALTH
SCIENCES**

Health Sciences Sub-Pathways:

Medicine

Nursing

CNA

Veterinary Medicine



HEALTH SCIENCE PATHWAY ADVISORY BOARD

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

HEALTH SCIENCE PATHWAY

Grade	Health Sciences
12	<ul style="list-style-type: none"> • DLHS Vantage/Internship Program
11, 12	<ul style="list-style-type: none"> • Fundamentals of Healthcare Science • Anatomy and Physiology • Certified Nursing Assistant CNA • Sociology • AP Psychology • AP Statistics • AP Calculus • Animal Science (Production Pathway) • Advanced Animal Science (Production Pathway)
10, 11, 12	<ul style="list-style-type: none"> • Prevention and Care of Injury • Health Careers (Semester 2) • Computer Applications (Business Pathway) • AP Spanish 3
9, 10, 11, 12	<ul style="list-style-type: none"> • Intro to Word Processing



BUSINESS, ENTREPRENEURSHIP, INFORMATION TECHNOLOGY PATHWAY



**BUSINESS &
ENTREPRENEURSHIP**



**INFORMATION
TECHNOLOGY**



Business, Entrepreneurship, Information Technology Sub-Pathways:

Business Management

Finance

Graphic Design

Information Technology

BUSINESS, ENTREPRENEURSHIP, INFORMATION TECHNOLOGY PATHWAY ADVISORY BOARD

Josh Omang - Principal

Vern Schnathorst - Work Based Learning

Jason Kuehn - Business

Tim Vagle - IT

Amy Knopf - Business Instructor

Braeden Hogie - Business Instructor

Rob Ullyott - Core Teacher

Doreen Richter - Counselor

David Meyer - Business Owner

Jessica Burhans - Midwest Bank

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

Viva Lauinger - Lakeshirts

Drew Morse - MARCO

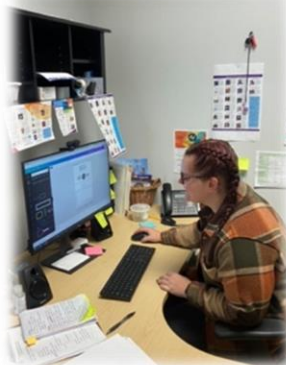
Trevor Thilmony - Lakeshirts

Matthew Loslie - M-State

April Thomas - School Board Member

BUSINESS, ENTREPRENEURSHIP, INFORMATION TECHNOLOGY PATHWAY

Grade	Business Management and Finance	Graphic Design	Information Technology
12	<ul style="list-style-type: none"> 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"> Business Management and Entrepreneurship AP Statistics AP Spanish 4 	<ul style="list-style-type: none"> Yearbook Studio Art (CE Course) 	<ul style="list-style-type: none"> Game Design and Coding Computer Science
10, 11, 12	<ul style="list-style-type: none"> Marketing (CE Course) AP Spanish 3 Computer Applications 	<ul style="list-style-type: none"> Graphic Design (Software) Graphic Print Design (Production Pathway) Computer Applications 	<ul style="list-style-type: none"> Computer Applications
9, 10, 11, 12	<ul style="list-style-type: none"> Intro to Word Processing 	<ul style="list-style-type: none"> Intro to Word Processing 	<ul style="list-style-type: none"> Intro to Word Processing



PRODUCTION PATHWAY



PRODUCTION

Production Sub-Pathways:

Agriculture/Natural
Resources

Building Trades

Engineering/Manufacturing

Transportation

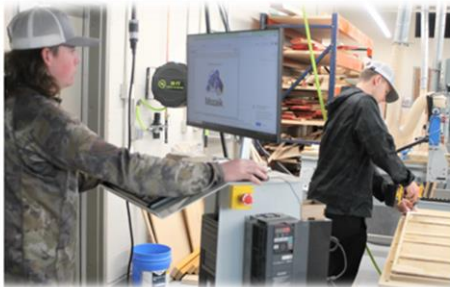


PRODUCTION PATHWAY ADVISORY BOARD

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

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
11, 12	<ul style="list-style-type: none"> Mechanical Drafting 1 Mechanical Drafting 2 Laker Manufacturing 	<ul style="list-style-type: none"> Transportation Careers 	<ul style="list-style-type: none"> Greenhouse Management Advanced Animal Science Ag Leadership 	<ul style="list-style-type: none"> Graphic Print Design: Screen Printing Building Trades
10, 11, 12	<ul style="list-style-type: none"> Metals Computer Applications (Business Pathway) 	<ul style="list-style-type: none"> Small Engines AFNR Drones 	<ul style="list-style-type: none"> Animal Science Natural Resources Food Science Computer Applications (Business Pathway) 	<ul style="list-style-type: none"> Advanced Woods Graphic Print Design Computer Applications (Business Pathway)
9, 10, 11, 12	<ul style="list-style-type: none"> Intro to Metals 		<ul style="list-style-type: none"> Intro to Ag, Food, Natural Resources (AFNR) 	<ul style="list-style-type: none"> Architectural Drafting Intro to Woods



Academy 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. 21st Century Skills is delivered in a hybrid format meaning that students will have a mixture of in-person meetings and flexible work days. Students will also have the opportunity to earn Precision Exam certifications in the areas of Financial Literacy, 21st Century Success Skills, and Career and College readiness. 21st Century Skills can be taken either semester but it is preferred that it is taken at the same time as your Vantage/Internship course so that students have a capstone project to develop with instructor help.

Human Services Pathway Courses

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.

ACA300: CE Introduction to Teaching – Semester

Pathway: Human Services

Prerequisite: None

Grades: 11-12

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

Health Science Pathway Courses

ACA220: Exploration of Health Science – Semester 1

Pathway: Health Science

Grade(s): 10-12

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

ACA225: Health Careers – Semester 2

Pathway: Health Science

Grade(s): 10-12

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

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

ACA310: Fundamentals of Healthcare Science – Semester

Pathway: Health Science

Grade(s): 11-12

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

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

Business & Information Technology Pathway Courses

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.

Production Pathway Courses

ACA240 & ACA245: Exploration of Production 101 and 102 – Semester

Pathway: Production

Grade(s): 10-12

This course will focus on the engineering design process. We will cover major topics such as: sketching, 3D solid modeling, and fabrication using 3D printing. We will learn to use working drawings, renderings, dimensioning and annotations in the engineering design process. We will present our designs to "clients" and each other. This is a problem and project-based learning course working in teams to create products, parts, designs, prototypes, and solutions to real-world challenges. This course features the use of Solid Edge (a computer aided design (CAD) software solution) from Siemens. Furthermore, this course will allow you to improve upon your problem-solving skills, project management skills, and realistically connect your schoolwork with the real world.

ACA340 & ACA345: Engineering Design 201 and 202 – Semester**Pathway: Production****Grade(s): 10-12****Prerequisite(s): ACA240 & ACA245**

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

ACA440 & ACA445: Engineering Design 301 and 302 – Semester**Pathway: Production****Grade(s): 11-12****Prerequisite(s): ACA340 & ACA345**

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

Core and Global Course Descriptions



AGRICULTURE

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

AGRI 10: Ag, Food, Natural Resources (AFNR) – Semester

Prerequisite(s): None

Grade(s): 9-12

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

AGR230: Small Engines – Semester

Pathway: Production

Prerequisite(s): None

Grade(s): 10-12

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

AGR340: Natural Resources – Semester

Pathway: Production

Prerequisite(s): None

Grade(s): 10-12

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

AGR350: Food Science – Semester Pathway: Production and Human Services

Prerequisite(s): None

Grade(s): 10-12

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

AGR360: Greenhouse Management – Spring Pathway: Production

Prerequisite(s): None

Grade(s): 11-12

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

AGR370: AFNR Drones – Spring Pathway: Production

Prerequisite(s): None

Grade(s): 11-12

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

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

* The Spring Semester allows more time to fly.

* This is not a CE class but college credit

through Northland may be earned with Part 107 certification.

AGR390: Agricultural Leadership – Semester Pathway: Production

Prerequisite(s): None

Grade(s): 11-12

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

AGR410: Animal Science – Semester Pathway: Health Science and Production

Prerequisite(s): None

Grade(s): 10-12

This course consists of animal care topics, nutrition, evaluation, production methods, consumer concerns, production record management, animal health, animal housing, anatomy, physiology of animal systems, and understanding diseases related to large animals. Students work in hands-on scenarios to solve problems

related to the livestock industry. Students in this course are expected to develop and maintain a supervised agricultural experience (SAE) project.

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

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

AGR610: Advanced Animal Science – Semester Pathway: Health Science and Production

Prerequisite(s): Large Animal Science I

Grade(s): 11-12

This course emphasizes genetics, physiology and nutrition. The course includes studying production systems relative to the horse, dairy, sheep, poultry, swine and beef industries. Additional topics include man's relationship to animals, current issues, and future perspectives of animal agriculture.

AGR999: Ag Occupations – As Needed

Prerequisite(s): Background in Chosen Area

Grade(s): 9-12

This course will provide an opportunity for a student to participate in an agriculture related apprenticeship or job internship. Students will need to keep records of hours and abilities performed on the job and they will also have a chance to experience the opportunity of earning and investing money earned. (No Credit Class)

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

ART

ART100: Intro to Art – Semester

Prerequisite(s): None

Grade(s): 9-12

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

ART110: Drawing – Semester

Prerequisite(s): Intro to Art

Grade(s): 9-12

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

***Repeatable for elective credit.**

ART120: Painting – Semester

Prerequisite(s): Intro to Art

Grade(s): 9-12

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

***Repeatable for elective credit.**

ART130: Sculpture – Semester

Prerequisite(s): Intro to Art

Grade(s): 9-12

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

***Repeatable for elective credit.**

ART230: Ceramics – Semester**Prerequisite(s): Intro to Art****Grade(s): 10-12**

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

Repeatable for elective credit.*ART500: CE Studio Art – Semester****Prerequisite(s): Drawing and Advanced Art****Grade(s): 11-12****Credits: 3.0**

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

Repeatable for elective credit.** This course may qualify for Concurrent Enrollment.**

BUSINESS

BUSI 10: Intro to Word Processing – Semester**Prerequisite(s): None****Grade(s): 9-12**

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

BUS310: Business Management & Entrepreneurship – Semester**Pathway: Human Services and Business****Prerequisite(s): None****Grade(s): 10-12**

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

BUS235: Computer Applications – Semester**Pathway: Business****Prerequisite(s): Exploration of Business****Grade(s): 10-12**

This course provides students the pathway to learn the necessities that they will use throughout their lifetime, both personally and on the job. The course will focus on developing computer skills in word processing, spreadsheet and presentation using Microsoft Office software programs including Word, Excel, PowerPoint. It will focus on the functions and

advanced features of the programs with an emphasis on spreadsheets because it is an essential business and accounting tool. An industry recognized certification exam (Microsoft Office Specialist) is an option for students at the end of this course.

BUS320: Marketing – Semester**Pathway: Business****Prerequisite(s): Intro to Business and Computer Applications****Grade(s): 10-12**

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

BUS330: Game Design & Coding – Semester**Pathway: Business****Prerequisite(s): Intro to Business and Computer Applications****Grade(s): 10-12**

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

**BUS340: Computer Science – Semester
Pathway: Business**

**Prerequisite(s): Intro to Business and
Computer Applications**

Grade(s): 10-12

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

BUS410: Year Book I – Fall

Pathway: Business

Prerequisite(s): Graphic Design I

Grade(s): 11-12

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

BUS420: Year Book II – Spring

Pathway: Business

Prerequisites: Year Book I or Graphic Design 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.

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 I 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.

BUS600: CE Principles of Marketing – Semester

Pathway: Business

Prerequisite(s): Intro to Business

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.**

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	Literature credit
12 th Grade	Writing credit	English Elective credit

**** 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
9 th GRADE	English 9 (2 semesters)	English 9 (2 semesters)	English 9 (2 semesters)	English 9 (2 semesters)
10 th GRADE	English 10 (2 semesters)	English 10 (2 semesters)	English 10 (2 semesters)	English 10 (2 semesters) English 10 Honors (2 sem)
11 th /12 th	General Composition (W)	General Composition (W)	General Composition (W)	Advanced Composition (W)
		Advanced Comp (W)	Advanced Comp (W)	Academic Writing (W)
			Academic Writing (W)	
	Contemporary Lit (L)	Contemporary Lit (L)	Contemporary Lit (L)	Lit. & Comp (L)
	Lit. & Comp (L)	Lit. & Comp (L)	Lit. & Comp (L)	AP Lit. & Comp (L)

W = Meets the Writing Requirement L = Meets the Literature Requirement

9th Grade English

ENG100 & 110: English 9 – Year

Prerequisite(s): None

Grade(s): 9

English 9 is a required 2 semester course which exposes students to a variety of literary genres. Students also have the opportunity to develop and deliver speeches, organize material, express complex ideas and refine written work by using various sentence patterns where correct grammar, punctuation, word usage and other conventions are emphasized.

10th Grade English

ENG200 & 210: English 10 – Year

Prerequisite(s): None

Grade(s): 10

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

instruction and practice in writing brief literary analysis.

ENG230 & 240: English 10 Honors – Year

Prerequisite(s): English 9 + Instructor

Recommendation

Grade(s): 10

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

English Writing

ENG300: General Composition – Semester

Prerequisite(s): None

Grade(s): 11-12

This course is intended to help students improve their use of and comfort with the written language. The course of study focuses on a variety of writing forms and modes so that students gain experience and familiarity writing for diverse audiences and purpose

they may encounter in the academic or work world. Emphasis is placed on producing work that illustrates an understanding of the basic structures that make up a paragraph and essay, the writing process, the pyramid method, formatting documents, and spelling, grammar and usage skills.

ENG310: Adv. Composition & Research – Semester

Prerequisite(s): None

Grade(s): 11-12

Advanced Composition provides an opportunity for students to refine their expository writing skills to standards acceptable in a college freshman writing class. Major units consist of character analysis, theme analysis, plot analysis and research writing. The major texts are Writing Themes About Literature and Writing With A Purpose. Additional novels, plays, poems and nonfiction works will be used for specified writing tasks.

ENG600: CE Academic 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.

English Literature

ENG410 & 415: Literature & Composition I & 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 & 530: 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.**

English Electives

ENG360: Digital Media and Film – Semester

Prerequisite(s): None

Grade(s): 11-12

When English and history combine, the result is the class Digital Media and Film. This class examines the history of media and technology. If you enjoy learning about and using new technology, this is your class. Highlights of the year include studying radio, television, film, and journalism.

* **This is not Laker Live.**

ENG370: Creative Writing – Semester

Prerequisite(s): None

Grade(s): 11-12

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

ENG380: Communication Arts & Interpretation – Semester

(Formerly called Theatre Arts)

Prerequisite(s): None

Grade(s): 11-12

Communication Arts offers students an opportunity to explore elements of English that go beyond grammar and research papers. Students will delve into literature that challenges the "read quietly and to yourself" standard mode. Students will manipulate literature and writing to see its impact and effectiveness. Students will build their analytical skills by composing written critiques of their peers' work, as well as their own. Units such as creative writing, oral interpretation, and broadcasting allow students to see what more there is to the world of language arts.

ENG400: Contemporary Literature – Semester

Prerequisite(s): None

Grade(s): 11-12

This one semester elective literature course allows students to explore diverse literature "of this time." Students will also be able to self-select genres and units of study.

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: DLAKE RLIVE. 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): 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.**

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 I – Semester**Pathway: Human Services****Prerequisite: Intro to Foods or Approval via Application****Grades: 11-12**

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: Culinary 2 – Semester**Pathway: Human Services****Prerequisite: Culinary I****Grades: 11-12**

This is an advanced culinary course for students with a desire to learn about the foodservice industry as well as improve their culinary skills. In this course students will learn how to prepare and plate appetizers, potato and grain dishes, homemade pasta, pizza and soups. Students will also study international cuisine and prepare a variety of dishes from other countries, including

Chinese, Italian, and French cookery. Lastly, students will also get experience in the restaurant industry selling lunch at the Laker Cafe, Heat-N-Eat, and catering for specific occasions.

FACS Electives

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
Pathway: Human Services
Prerequisite(s): Child Development -
Driver’s license and access to transportation
Grade(s): 11-12**

In this course students will apply theories of child development in Little Laker Preschool which is run at the high school. Students will complete a file of activities which can be used in any career in early childhood or elementary education. During the last quarter of the class students will apply their knowledge of child development to an existing program as they become an assistant in a classroom. Students will be placed in child care centers, day care homes, Head Start programs, or primary

classrooms to explore child development occupations and work actively with children in their assigned classroom. Students will be matched with a site which best fits their long-term career goal. This course is highly recommended for juniors and seniors planning a career in early childhood education, elementary education or any career in the human services field. **Completing Child Development I & II (if receiving a grade of “B” or better) may qualify students for college credit. Limit of one term (2 hours = 2 credits). *Students earning an “A” or “B” in an articulated course at DLHS may qualify for credits at a participating community or technical college.**

INDUSTRIAL TECHNOLOGY

Ind Tech Electives	Construction Path	Metals Path
Intro to Architectural Drafting	Intro to Woods	Intro to Metals
Mechanical Drafting I & 2	Advanced Woods	Metals
Graphic Print Design	Building Trades	Laker Manufacturing

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 I – 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 I

Grade(s): 11-12

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

**IND130: Intro to Metals – Semester
Pathway: Production**

Prerequisite(s): None

Grade(s): 9-12

Students will learn metal shop safety, basic design, metal working tools, exposure to all metal working machinery, basic skills including: Shielded Metal Arc Welding and Gas Metal Arc Welding theory, safety, and the fundamental applications of these welding

disciplines. Students will learn the nomenclature, safe operation and handling of the oxy/fuel cutting system. Some basic concepts of metallurgy and heat treatment will be covered. A basic metal fabrication project from given plans will be a part of the course.

IND300: Graphic Print Design – Semester Pathway: Business and Production

Prerequisite(s): None

Grade(s): 10-12

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

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

IND305: Graphic Print Design: Screen Printing – Semester Pathway: Business and Production

Prerequisite(s): None

Grade(s): 10-12

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

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

IND310: Advanced Woods – Semester Pathway: Production

Prerequisite(s): None

Grade(s): 10-12

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

IND321: Building Trades - Semester 1 (1 Hr)

IND331: Building Trades - Semester 2 (1 Hr)

Pathway: Production

Prerequisite(s): None

Grade(s): 11-12

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

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

*** Repeatable for elective credit.**

IND350: Metals – Semester

Pathway: Production

Prerequisite(s): Intro to Metals

Grade(s): 10-12

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

IND370: Laker Manufacturing – Fall Semester

Pathway: Production

Prerequisite(s): “B” in at least two other

Production Courses or Approval via Application

Grade(s): 11-12

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

*** Repeatable for elective credit.**

IND375: Laker Manufacturing – Spring

Pathway: Production

Prerequisite(s): “B” in at least two other

Production Courses or Approval via Application

Grade(s): 11-12

Laker Manufacturing 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

DLHS students' math courses generally follow one of the following paths:

	PATH 1	PATH 2	PATH 3
8	Algebra I	Algebra I	-
9	Concepts Algebra I Intermediate Algebra	Intermediate Algebra	-
10	Concepts Geometry Geometry	Geometry	Advanced Geometry
11	Concepts Algebra 2 Algebra 2	Algebra 2	College Algebra AP Statistics Advanced Pre-Calculus
12	Algebra 2 College Algebra	College Algebra AP Statistics	College Algebra Adv Pre-Calc AP Statistics AP Calculus

MAT 100 & 105: Intermediate Algebra –Year

Prerequisite(s): None

Grade(s): 9-12

This is a year-long course designed for students who successfully completed Algebra. The emphasis of this course will be problem-solving using numerical and graphical analysis. Application to the world will be used throughout this course. The use of a graphing calculator will be introduced.

MAT 101 & 106: Concepts Algebra –Year

Prerequisite(s): None

Grade(s): 9-12

This is a year-long course designed for students who successfully completed Algebra. The emphasis of this course will be problem-solving using numerical and graphical analysis. Application to the world will be used throughout this course. The use of a graphing calculator will be introduced.

MAT 110 & 115: Advanced Algebra II –Year

Prerequisite(s): Adv. Algebra I (in 8th grade & Instructor Permission)

Grade(s): 9-11 (Mainly 9th graders)

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.

MAT 200 & 205: Geometry –Year

Prerequisite(s): Intermediate Algebra

Grade(s): 10-12

This course offers an investigative approach and allows students to discover geometric properties.

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

MAT 201 & 206: Concepts Geometry –Year

Prerequisite(s): Intermediate Algebra

Grade(s): 10-12

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

MAT210 & 215: Advanced Geometry –Year

Prerequisite(s): Adv. Algebra II (in 9th grade) Grade(s): 10

This course is designed for the student who completed Advanced Algebra II. For a course description see Geometry. This course moves at a faster pace and topics are covered in greater depth.

MAT 300 & 305: Concepts Algebra II –Year

Prerequisite(s): Intermediate Algebra

Grade(s): 11-12

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

MAT 400 & 405: Algebra II – Year**Prerequisite(s): Intermediate Algebra****Grade(s): 10-12**

In this course students will expand their problem-solving abilities. This will be accomplished through an algebraic as well as a graphical approach. Graphing technology will be used to enhance student learning.

MAT500(AB) & 505(AB): AP Calculus – Yr**Pathway: Health Science and Production****Prerequisite(s): Adv. Pre-Calculus or****Instructor Permission****Grade(s): 11-12**

This is a standard college level calculus course. It covers all standard Calculus I topics as covered in most universities. It is not limited to just AP topics. Topics covered are through a numerical, analytical, and a graphical approach. A hand-held computer is used extensively.

MAT520 & 525: AP Statistics – Year**Pathway: All Pathways****Prerequisite(s): Algebra II or Adv.****Geometry****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.**

MAT600 & 605: 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.**

MAT610: 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.**

MAT620: Adv Pre-Calculus – Spring**Prerequisite(s): Adv. College Algebra or****Instructor Permission****Grade(s): 11-12**

In this course students will expand on topics introduced in Algebra II and Advanced College Algebra. These topics include functions, polynomial equations, inequalities, trigonometry, systems, matrices, conics, series probability, and statistics. ***This course may qualify for Concurrent Enrollment.**

MUSIC

MUSI10 & 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.

MUSI20 & 125: Laker Band – Year**Prerequisite(s): Middle School Band****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.

MUSI40 & 145: Unified Music –Semester
Prerequisite(s): None

Grade(s): 9-12

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

MUSI50: 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): 11-12

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.**

MUS220 & 225: Soprano/Alto Choir –Year

Prerequisite(s): Laker Choir or Audition

Grade(s): 10-12

This 10-12 Grade Choir is a developmental course designed for 2nd year and beyond Soprano/Alto 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. 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.

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

Prerequisite(s): Audition and a member of Wind Ensemble or Concert Band

Grade(s): 10-12

This is a select group, with specific instrumentation. Students will be placed into either Jazz I or Jazz II by the director at the beginning of the year. Students in the Laker Jazz Band must possess intermediate performance abilities on their instrument. Basic improvisation skills are expected, as improvisation will be studied thoroughly. There will be many performance opportunities throughout the year (including but not limited to: concerts, solo/ensemble contest, and jazz festivals), and attendance at each event is mandatory.

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

*** 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
Soprano & Alto Choir or Concert Choir
Grade(s): 10-12

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

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

* **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 PE (1 credit required)**	FITNESS (1 credit required)
Laker Wellness (9-10) (Required)	Health (10-12) (Required)	Lifetime Sports & Officiating 11-12	Fitness and Conditioning 10-12
Intro to Strength and Performance 9-10	Intro to Health Careers 10-12	Strength and Performance 10-12	Advanced Fitness 11-12
Laker Sports 9-10	Prevention and Care of Injury 10-12	Unified Phy Ed 11-12	

***** Important Notes *****

1. Any Phy Ed class a student has not already taken can count as their Elective Phy Ed credit.
2. 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.
3. All Phy Ed classes except Sports and Officiating can be taken more than once if necessary.

PHY100: Laker Wellness

Length: Semester

Prerequisite(s): None

Grade(s): 9-10

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.

PHY300: Advanced Fitness

Length: Semester

Prerequisite(s): Fitness & Conditioning

Grade(s): 11-12

This course is designed for the student that is capable of handling a Self-directed comprehensive fitness plan. Students will be evaluated on the designing of their comprehensive fitness plan, on Polar Heart rate monitor data, and weekly workout logs. This course includes both lecture and activity sessions.

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: Earth and Space Science IA – Fall
Prerequisite(s): None
Grade(s): 9

This semester will cover the geological characteristics of our planet Earth. The topics we will cover are map reading, orienteering, minerals and crystal formation, rock types and the rock cycle, cave formations, earthquakes, volcanoes, plate tectonics, glaciers, weathering, erosion, radioactive decay, and geologic time.

SCI105: Earth and Space Science IB – Spring
Prerequisite(s): None
Grade(s): 9

This semester will start by covering our weather patterns on a global basis including the ocean's influence. This will include learning about the unique composition of our atmosphere and its interactions that are required to support life. The rest of the semester will focus on the chemical and physical characteristics of our planet and our universe. Included are topics such as space travel, planet Earth (along with our moon), our solar system, the sun, stars, and other celestial objects in our universe.

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): Physical Science 9, 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): Physical Science 9, 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): Physical Science 9

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 College Physics I – Semester

Prerequisite(s): Pre-Calculus and Physics

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.

SCI315: CE College Physics II – Semester

Prerequisite(s): Pre-Calculus and Physics

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

SCI320 & 325: AP Biology – Year

Prerequisite(s): Enrolled in or completed Alg 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 with a more in-depth examination. Both semesters require labs based on these topics, as well as the recommended advanced placement labs.

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): Physical Science 9, 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.**

SOCIAL STUDIES

SOC100 & 105: World Geography I & II - Year

Prerequisite(s): None

Grade(s): 9

World Geography I & II compose a year-long course to be taken consecutively and is required for all DLHS freshmen. It is an introductory course designed around the 5 themes of geography. (Location, Place, Region, Movement, Human- Environment Interaction). These five themes are integrated throughout the course, while studying primarily the Eastern Hemisphere, including current issues facing each region.

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

Prerequisite(s): None

Grade(s): 10

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

SOC300: Economics - Semester

Prerequisite(s): None

Grade(s): 11-12

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

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 either fall or spring semester.

SOC320: World History - Semester

Prerequisite(s): None

Grade(s): 11-12

World History is a semester long course which covers the great civilizations of the world through the Cold War. **This is a required course** and may be taken either fall or spring semester. * **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): 11-12

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

SOC340: Sociology - Semester

Pathway: Human Services

Prerequisite(s): None

Grade(s): 11-12

This course will explore sociology: the study of the development, structure, and functioning of human society. As an introductory course the student will learn about the process of socialization and how this process affects individuals, groups, and institutions. Topics of study also include Social Stratification, Race and Ethnicity, Deviance, Social Networks and Social Structure including Social Interaction.

SOC350: Anthropology - Semester

Prerequisite(s): None

Grade(s): 10-12

The first 9 weeks of this course will study physical anthropology and will explore the history of man, paleoanthropology, and forensic anthropology. The second 9 weeks explores how human society functions through the use of culture.

SOC360: World Religions - Semester

Prerequisite(s): None

Grade(s): 11-12

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

SOC500 & 505: AP U.S. History I & II –Year

Prerequisite(s): None

Grade(s): 10

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

SOC510 & 515: CE Western Civilization I & II - Year

Prerequisite(s): None

Grade(s): 11-12

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

**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.

WORK BASED LEARNING

STW120: Vantage/Internship 2 hr – Semester

1 Hour Internship: STW110

2 Hour Internship: STW120

Prerequisite(s): None

Grade(s): 12 (11th with approval of Administration)

***Need to provide own transportation**

The Vantage/Internship program at DLHS allows students to apply their coursework in real world settings. Students solve authentic workplace problems through hands-on learning, project-based assignments, and collaboration with professional mentors. Business and community partners provide the problems or projects that students work on each year. Many of these projects can also be utilized for the student's senior capstone requirement.

****Juniors may be admitted in special circumstances for example: CNA course with healthcare partners, special projects that need to be started in the spring semester of junior year.**

3 Hour Internship: STW130

4 Hour Internship: STW140

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 will receive 2 DLHS credits.

STW520: Transportation Careers - Semester

Pathway: Production

Prerequisite(s): None

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

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

WORLD LANGUAGES

Ojibwe

WOR110: Native Studies – Semester

Grade(s): 9-12

In this course students will learn Ojibwe culture, history, and some language. This class will be used to bring people together to better understand one another, build and strengthen bonds, and solve community problems. It will provide a way for people to have conversations and to work through conflict or differences in a safe and productive way. This class will allow students to learn and practice communications skills, negotiating, community building, conflict resolution, talking about specific issues, staff and youth team building, staff meetings, to develop community standards for how people work and live together, and problem solving. The process is a way of getting the most complete picture of whatever issue is at hand to enable participants to move together in a good way and to build and maintain a healthy community. We share our stories, learn about ourselves, each other and gain a better understanding of what it's like to "be in another person's shoes". * **This class is open to all students. This class is repeatable for credit.**

WOR210 & 215: Intro Ojibwe – Year

Grade(s): 9-12

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

Spanish

WOR100 & 105: Spanish I -Year

Prerequisite(s): None

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 I to help you develop an understanding of the grammar and vocabulary necessary to communicate in Spanish. In addition to learning the language, students will also study the culture of the 21 different Spanish-speaking countries of the world and that of the Spanish speakers of this nation.

WOR200 & 205: Spanish 2 -Year

Prerequisite(s): Spanish I (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 I & 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.

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.

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

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

Quick Course Reference Guide

Course	Short Description	NCAA	AP/CE	Wgtd	Frequency of Work	Categories of Work	Course	Short Description	NCAA	AP/CE	Wgtd	Frequency of Work	Categories of Work
ACA110	Seminar S1*				Minimal	R,P,Re,V,S	BUS330	Game Design/Coding					
ACA115	Seminar S2*				Minimal	R,P,Re,V,S	BUS340	Computer Science					
ACA210	Exploration of Human Services						BUS410	Yearbook I S1*				Minimal	
ACA220	Exploration of Health Science						BUS420	Yearbook II S2*				Minimal	
ACA230	Exploration of Business and IT						BUS600	CE Principles of Marketing					
ACA240	Exploration of Production 101						BUS640	Accounting I S1*				Often	
ACA245	Exploration of Production 102						BUS650	Accounting I S2*				Often	
ACA340	Engineering Design 201						BUS660	Graphic Design I				Minimal	
ACA345	Engineering Design 202						ENG100	English 9 S1*	✓			Often	R, Re, S
ACA440	Engineering Design 301						ENG110	English 9 S2*	✓			Often	R, Re, S
ACA445	Engineering Design 302						ENG200	English 10 S1*	✓			Often	R, Re, S
ACA300	CE Intro to Teaching		✓	✓	Minimal	R, Re, S	ENG210	English 10 S2*	✓			Often	R, Re, S
ACA500	21 st Century Skills						ENG230	Eng10 Honors S1*	✓			Often	R, Re, S
AGR110	Intro to Ag, Food, Nat Resources				Minimal	R, Re, V, S	ENG240	Eng10 Honors S2*	✓			Often	R, Re, S
AGR230	Small Engines 1				Minimal	R, Re, V, S	ENG300	General Comp	✓			Often	R, Re, S
AGR340	Natural Resources						ENG310	Adv Comp & Res	✓			Often	R, Re, S
AGR365	Greenhouse Mgt S2						ENG410	Lit & Comp S1*	✓			Often	R, Re, S
AGR370	AFNR Drones						ENG415	Lit & Comp S2*	✓			Often	R, Re, S
AGR390	Agricultural Leadership						ENG400	Contemporary Lit				Often	R, Re, S
AGR410	Animal Science				Often	R, Re, V, S	ENG360	Digital Media and Film				Often	R, Re, S
AGR610	Advanced Animal Science						ENG370	Creative Writing	✓			Often	R, Re, S
AGR999	Ag Occupations						ENG380	Communication Arts (Theater Arts)				Minimal	R, Re, S
ART100	Intro to Art				Minimal	RE, P	ENG390	Laker Live				Often	Re, V
ART110	Drawing				Minimal	RE, P	ENG520	AP Lit &Comp S1*	✓	✓	✓	Often	R, Re, S
ART120	Painting				Minimal	RE, P	ENG530	AP Lit &Comp S2*	✓	✓	✓	Often	R, Re, S
ART130	Sculpture				Minimal	RE, P	ENG600	Academic Writing	✓	✓	✓	Often	R, Re
ART230	Ceramics				Minimal	RE, P	ENG620	Intro Public Speaking	✓	✓	✓	Often	R, Re
ART500	CE Studio Art				Often	RE, P	FAC100	Foods				Minimal	R, Re, S
BUS110	Intro to Word Processing				Minimal		FAC210	Interior Design				Often	R, Re, S
BUS310	Business Mgt and Ent				Minimal		FAC300	Child Dev. I S1*				Often	R, Re, S
BUS320	Marketing						FAC310	Child Dev. II S2*				Minimal	R, Re, S

*Sign up for both to get the full year-long class
 **Only for band/choir classes during the same hour
 NOTE: Some classes are omitted from this list but are included in full Guide

NCAA = Clearinghouse Eligibility
 AP = Advanced Placement classes CE = Concurrent Enrollment classes
 Wgtd = Uses a weighted grade method
 O = has had a name change and will probably be NCAA approved

Outside of Class Work Expectations

Frequency of Outside Class Work: describes how often there are work expectations that are scheduled to be done outside of class.
 - **Minimal:** 0-3 times per month
 - **Often:** 1-2 times per week
 - **Daily:** 3-5 times a week

Categories of Work: describes the kinds of work expectations that are scheduled to be done outside of class.
 - **R** Reading and/or Writing
 - **P** Practice Problems or Skills
 - **Re** Research, Projects, Public Performances, and/or Presentations
 - **V** Video/Podcast Lecture (flip class)
 - **S** Studying or other Assessment Preparation

Quick Course Reference Guide

Course	Short Description	NCAA	AP/CE	Wgtd	Frequency of Work	Categories of Work	Course	Short Description	NCAA	AP/CE	Wgtd	Frequency of Work	Categories of Work
FAC320	Culinary 1				Minimal	R, Re, S	MUS100	T/B Choir S1					Re
FAC330	Culinary 2				Often	R, Re, S	MUS105	T/B Choir S2					Re
IND100	Intro to Drafting						MUS110	S/A Choir S1					Re
IND110	Intro to Woods						MUS115	S/A Choir S2					Re
IND120	Mechanical Drafting S1						MUS120	Concert Band S1				Often	Re
IND125	Mechanical Drafting S2						MUS125	Concert Band S2				Often	Re
IND130	Intro to Metals						MUS140	Unified Music S1					
IND300	Gr Prt Design						MUS145	Unified Music S2					
IND310	Adv. Woods						MUS150	History of Rock & Roll				Minimal	R
IND321	BT ONE Hr S1						MUS200	Wind Ensemble S1				Often	Re
IND326	BT TWO Hr S1						MUS201	Wind Ensemble **				Often	Re
IND331	BT ONE Hr S2						MUS205	Wind Ensemble S2				Often	Re
IND336	BT TWO Hr S2						MUS206	Wind Ensemble **				Often	Re
IND350	Metals						MUS210	Concert Choir S1				Often	Re
IND370	Laker Manufacturing S1						MUS215	Concert Choir S2				Often	Re
IND375	Laker Manufacturing S2						MUS220	Var W Choir S1				Often	Re
MAT100	Itm Algebra S1*	✓			Daily	P, S	MUS225	Var W Choir S2				Often	Re
MAT105	Itm Algebra S2*	✓			Daily	P, S	MUS308	Jazz Band S1				Often	Re
MAT110	Adv Alg II S1*	✓			Daily	P, S	MUS309	Jazz Band S2				Often	Re
MAT115	Adv Alg II S2*	✓			Daily	P, S	MUS310	Laker Singers S1				Often	Re
MAT200	Geometry S1*	✓			Daily	P, S	MUS311	Laker Singers S1**				Often	Re
MAT205	Geometry S2*	✓			Daily	P, S	MUS315	Laker Singers S2				Often	Re
MAT210	Adv Geometry S1*	✓			Daily	P, S	MUS316	Laker Singers S2**				Often	Re
MAT215	Adv Geometry S2*	✓			Daily	P, S	MUS400	Drumline				Often	Re
MAT300	Std Alg II S1*				Often	P, S	PHY100	Laker Wellness				Minimal	R, S
MAT305	Std Alg II S2*				Often	P, S	PHY110	Intro Strength & Perf				Minimal	R, S
MAT400	Algebra II S1*	✓			Daily	P, S	PHY120	Laker Sports				Minimal	R, S
MAT405	Algebra II S2*	✓			Daily	P, S	PHY200	Fitness & Conditioning				Minimal	R, S
MAT500	AP Calc AB S1*	✓	✓	✓	Daily	P, S	PHY230	Health				Minimal	R, Re, S
MAT505	AP Calc AB S2*	✓	✓	✓	Daily	P, S	PHY240	Prevention and Care of Injury				Often	R, Re, S
MAT520	AP Stats S1*	✓	✓	✓	Daily	P, S	PHY250	Lifetime Sports & Offic				Minimal	R, S
MAT525	AP Stats S2*	✓	✓	✓	Daily	P, S	PHY300	Advanced Fitness				Minimal	R, S
MAT600	CE College Alg S1*	✓	✓	✓	Daily	P, S	PHY330	Strength & Performanc				Minimal	R, S
MAT605	CE College Alg S2*	✓	✓	✓	Daily	P, S	PHY400	Unified Phy Ed				Minimal	R, S
MAT610	CE Adv College Alg	✓	✓	✓	Daily	P, S	SCI100	Earth and Space Science 1A*	✓			Often	S
MAT620	CE Adv Pre-Calc	✓	✓	✓	Daily	P, S	SCI105	Earth and Space Science 1B*	✓			Often	S
<p>*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</p>							<p>NCAA = Clearinghouse Eligibility AP = Advanced Placement classes Wgtd = Uses a weighted grade method O = has had a name change and will probably be NCAA approved CE = Concurrent Enrollment classes</p>						
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SCI200	Biology S1*	✓			Often	P, S	SOC350	Anthropology	✓			Minimal	R, Re, S
SCI205	Biology S2*	✓			Often	P, S	SOC360	World Religions	✓			Minimal	R, Re, S
SCI210	Chemistry S1*	✓			Daily	P, S	SOC500	AP US History S1*	✓	✓	✓	Daily	R, S
SCI215	Chemistry S2*	✓			Daily	P, S	SOC505	AP US History S2*	✓	✓	✓	Daily	R, S
SCI220	Physics S1*	✓			Often	P, S	SOC510	CE Western Civ S1*	O	✓	✓	Daily	R, S
SCI225	Physics S2*	✓			Often	P, S	SOC515	CE Western Civ S2*	O	✓	✓	Daily	R, S
SCI300	Standards Chem S1*				Minimal	P, S	SOC600	CE Psychology	✓	✓	✓	Daily	R, Re, S
SCI305	Standards Chem S2*				Minimal	P, S	STW110	Vantage/Intern 1 hr				Minimal	R
SCI310	CE College Physics S1*	✓	✓	✓	Daily	P, S	STW120	Vantage/Intern 2 hr				Minimal	R
SCI315	CE College Physics S2*	✓	✓	✓	Daily	P, S	STW130	Vantage/Intern 3 hr				Minimal	R
SCI320	AP Biology S1*	✓	✓	✓	Often	P, S	STW140	Vantage/Intern 4 hr				Minimal	R
SCI325	AP Biology S2*	✓	✓	✓	Often	P, S	STW500	CNA Training				Often	R, S
SCI330	Anatomy and Phys S1						STW510	First Responder				Often	R
SCI335	Anatomy and Phys S2						STW520	Transportation Careers					
SCI600	CE College Chem S1*	O	✓	✓	Daily	R, P, S	WOR100	Spanish 1 S1*	✓			Daily	R, P, Re, S
SCI605	CE College Chem S3*	O	✓	✓	Daily	R, P, S	WOR105	Spanish 1 S2*	✓			Daily	R, P, Re, S
SOC100	World Geog S1*	✓			Often	Re, S	WOR110	Native Studies					R, P, Re
SOC105	World Geog S2*	✓			Often	Re, S	WOR210	Intro Ojibwe 1 S1					R, P, Re
SOC200	US History S1*	✓			Minimal	R, S	WOR215	Intro Ojibwe 1 S2					R, P, Re
SOC205	US History S2*	✓			Minimal	R, S	WOR200	Spanish 2 S1*	✓			Daily	R, P, Re, S
SOC300	Economics	✓			Minimal	Re, S	WOR205	Spanish 2 S2*	✓			Daily	R, P, Re, S
SOC310	Amer Govt	✓			Minimal	Re, S	WOR300	AP Spanish 3 S1*	✓	✓	✓	Daily	R, P, Re, S
SOC320	World History	✓			Minimal	R, Re	WOR305	AP Spanish 3 S2*	✓	✓	✓	Daily	R, P, Re, S
SOC330	Criminal Justice	✓			Minimal	Re, S	WOR400	AP Spanish 4 S1*	✓	✓	✓	Daily	R, P, Re, S
SOC340	Sociology	✓			Minimal	R, Re, S	WOR405	AP Spanish 4 S2*	✓	✓	✓	Daily	R, P, Re, S

*Sign up for both to get the full year-long class
 **Only for band/choir classes during the same hour
 NOTE: Some classes are omitted from this list but are included in full Guide

NCAA = Clearinghouse Eligibility
 AP = Advanced Placement classes CE = Concurrent Enrollment classes
 Wgtd = Uses a weighted grade method
 O = has had a name change and will probably be NCAA approved

Outside of Class Work Expectations

<p><u>Frequency of Outside Class Work:</u> 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</p>	<p><u>Categories of Work:</u> describes the kinds of work expectations that are scheduled to be done outside of class.</p> <ul style="list-style-type: none"> - R Reading and/or Writing - P Practice Problems or Skills - Re Research, Projects, Public Performances, and/or Presentations - V Video/Podcast Lecture (flip class) - S Studying or other Assessment Preparation
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