

CLOQUET HIGH SCHOOL

Registration Manual

2021-2022



Important Note:

Courses at the time of printing are accurate. However, some classes may not be offered because of low registration numbers. It is important that alternates are chosen carefully.

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INTRODUCTION

DEAR STUDENTS AND PARENTS:

This registration booklet has been prepared to help you work through the registration process and plan your high school career. **USE IT OFTEN AS A REFERENCE TOOL.** All courses offered next year at Cloquet High School are listed and described. The registration booklet is also available on our website:

www.isd94.org > Cloquet Senior High > Student Registration Manual 2021-2022

Each semester, we have a large number of class change requests. **All class drops and changes affect other students, the master schedule, and unbalance class size as well.** Therefore, students are to choose courses very carefully as it is **unlikely they will be allowed to drop or change classes once the schedules are printed.**

Students who fail required courses during the regular school year will be required to make up those courses. Summer school will be limited to two (2) weeks if it is held. Therefore, a senior—in order to be involved in graduation—must be within 1/2 credit of the required credits at the end of the second semester of their senior year.

ALTERNATE CHOICES (All Grade Levels)

When you register, you will list courses which you would consider as second choices to those listed on your registration form. These courses will only be considered in the event it is impossible to schedule your original choices. All students are to list alternate choices so that contact will not have to be made after registration. If alternate choices are not made, students will simply be placed in a class. All courses are dependent on minimum and maximum class sizes. Some will not be available due to low or maximum registration numbers. **CHOOSE YOUR ALTERNATES CAREFULLY.**

CLASS CHANGE REQUESTS

It is the goal of the school district to accommodate students' educational needs. Class change requests that are made before a semester begins will be heard, and changes that can be made without adversely affecting class balance will be considered. Students will need to make appointments to discuss their requests. If you withdraw from a class after the second week of the semester, your transcript may reflect a grade of "F".

Every effort will be made to fill students' requests; however, due to staffing and course limitations, it may be necessary to assign non-requested classes to complete a schedule.

ELECTRONIC DEVICES/EQUIPMENT

A detailed procedure is in place to issue a district-owned 1:1 Device to Cloquet High School students for use during the school year. There are comprehensive policies and agreements in place to ensure student responsibilities, parent expectations, terms of the loan, security and theft prevention, and damage, theft and repair are clearly set out. Some courses involve the use of textbooks, novels, or equipment. These are provided for students use free of charge as long as the student takes responsible care of them. Lost, stolen, or excessively damaged books will result in a replacement fine.

WEIGHTED GRADING

The Weighted Grading System grants extra honor points for courses that qualify for weighted grading. This system offers extra incentives for students with exceptional ability that wish to take challenging courses at Cloquet Senior High School and are willing to assume responsibility for their own learning and go beyond the high school level. There is a process to have a course weighted. This includes a specified procedure, a faculty review committee, and guidelines for the committee.

Only those courses pre-approved for Weighted Grading will be weighted.

For your information before you register, under the weighted grading system, only the following courses have been approved to receive additional honor points toward a student's GPA:

ART

College Photography

BUSINESS

Advanced Accounting Appreciation

College Career Clusters

College Accounting

College Money Matters

ENGLISH

College Prep English

Honors English 10

Honors English 11

College English: Intro to Literature

UMD Writing Studies

LANGUAGES

German III

German IV

Spanish III

Spanish IV

MATHEMATICS

Calculus/Analytical Geometry

College Algebra

MUSIC

College Music Theory

SOCIAL

College American Government

College-in-the-Schools Economics

Introduction to Criminal Justice and

Related Careers

SCIENCE

Advanced Biology

College Chemistry

College Physics

Emergency Response/First Respons

Health Occupations

Human Anatomy/Physiology

Introduction to Nursing

Medical Terminology

MARK		REGULAR MARK VALUE	WEIGHTED MARK VALUE
A		4.00	4.33
A	-	3.67	4.00
B	+	3.33	3.67
B		3.00	3.33
B	-	2.67	3.00
C	+	2.33	2.33
C		2.00	2.00
C	-	1.67	1.67
D	+	1.33	1.33
D		1.00	1.00
D	-	0.67	0.67
E		0.33	0.33
F		0.00	0.00

As you look forward to next year, take some time to plan using this registration manual. It is provided to help you make informed decisions at registration. Carefully choose your classes AND your alternates. If your original selections are not available, we will move on to your alternate selections. Thank you for your diligence in planning. If you have any questions, please call the counseling office at 879.3393.



Steve Battaglia, Principal



Tim Prosen, Assistant Principal

GRADUATION REQUIREMENTS

1 year (2 semesters)	=	1.0 credit
½ year (1 semester)	=	.5 credit
¼ year (½ semester)	=	.25 credit

GRADE 9		
Mathematics	=	1.0 credit
English 9	=	1.0 credit
World History	=	1.0 credit
Exploring Earth Systems	=	1.0 credit
Health	=	.25 credit
Computer Applications	=	.25 credit

GRADE 10		
Mathematics	=	1.0 credit
Probability and Statistics	=	.5 credit
English 10	=	1.0 credit
United States History	=	1.0 credit
Biology	=	1.0 credit

GRADE 11		
Mathematics	=	1.0 credit
English 11A (American Literature)	=	.5 credit
English 11B (Writing/Speech)	=	.5 credit
World Challenges	=	1.0 credit
Chemistry	=	1.0 credit

GRADE 12		
American Government	=	.5 credit
Economics	=	.5 credit
English	=	1.0 credit

ADDITIONAL REQUIREMENTS GRADES 9 – 12

1 year of Arts = 1.0 credit (2 semesters)

1 year of Physical Education = 1.0 credit (2 semesters)

PLEASE NOTE: All grades are required to complete 3½ years of Mathematics and 3 years of Science in Grades 9 – 12.

TOTAL CREDITS = 23.0

REQUIRED = 17.0

ELECTIVE = 6.0

All **GRADE 9 STUDENTS** will be automatically registered for English, Mathematics, Exploring Earth Systems, Social Studies, Health, and Computer Applications.

All **GRADE 10 STUDENTS** will automatically be registered for English, Mathematics, Probability and Statistics, Biology, and Social Studies.

All **GRADE 11 STUDENTS** should be enrolled in an English, Social Studies, Mathematics and Chemistry.

All **GRADE 12 STUDENTS** should be enrolled in an English and Social Studies class both semesters. It is recommended that students continue with Mathematics and Science even if they have met graduation requirements. **Grade 12 students must have 23 credits to receive a diploma.**

Transfer student credits will be evaluated by a counselor upon enrollment.

Regardless of total credits, Cloquet High School does not graduate students prior to May graduation date.

Cloquet Senior High School 2020-21 Registration Manual

ASSESSMENT REQUIREMENTS

MCA (Minnesota Comprehensive Assessment)

The Minnesota Comprehensive Assessments (MCAs) are state tests in mathematics, reading and science that meet the requirements of the federal Elementary and Secondary Education Act (ESEA). They are given every year to measure student performance against the Minnesota Academic Standards that specify what students in a particular grade should know and be able to do.

ACT Plus Writing (American College Test)

ACT Plus Writing is a required graduation assessment to provide information to Grade 11 students, their parents, and educators regarding the level of preparedness for postsecondary success on a nationally recognized college entrance exam.

	MCA	ACT Plus Writing
Reading	Grade 10	Grade 11
Science	Grade 10	
Mathematics	Grade 11	

STATE and LOCAL REQUIREMENTS

Students must complete a certain number of courses (credits) in Mathematics, English/Language Arts, Science, Social Studies, Arts and other electives to be eligible to graduate. *A State credit is the equivalent of the successful completion of an academic year of study, or student mastery of applicable state standards. CHS credits are identified as 1 credit for 1 year class and 2 semesters are the equivalent of a year long course.*

HIGH SCHOOL COURSEWORK

SUBJECT AREA	STATE OF MINNESOTA/LOCAL GRADUATION REQUIREMENTS	
English/Language Arts	4 years	
Mathematics	3½ years	Including 1 semester of Probability/Statistics
Science	3 years	1 year of 9 th grade Exploring Earth Systems 1 year of 10 th grade Biology 1 year of Chemistry
Social Studies	4 years	1 year of 9 th grade World History 1 year of 10 th grade U.S. History 1 year of 11 th grade Geography 1 semester in 12th grade Economics and 1 semester in 12th grade Government
Arts	1 year	Visual Arts, Choir, Band, Computer Creations, Fashion Merchandising, Interior Design, Multimedia 1, The Ripsaw
Physical Education	1 year	
Health	1 quarter	
Computer Applications	1 quarter	
Electives	Local School Board determines configuration of Elective credit requirements	

GRADE 9 COURSE REGISTRATION SHEET

STUDENT FULL NAME:			
PARENT/GUARDIAN NAME:		Signature	
ADVISOR NAME:		Signature	
SPECIAL ED CASE MANAGER:		Signature	

Circle ALL required choices. Fill in ALL elective and alternate lines.

REQUIRED/ELECTIVE	COURSE NAME	COURSE #
REQUIRED	Essentials of English 9A, Essentials of English 9B	3105, 3110
	OR	
	English 9A & English 9B	3100, 3102
REQUIRED	Linear Algebra	7000, 7002
	OR	
	Intermediate Algebra 9	7101, 7103
	OR	
	Geometry A & Geometry B	7201, 7203
	OR	
	Advanced Geometry A & Advanced Geometry B	7211, 7213
REQUIRED	World History A & World History B	9000, 9002
REQUIRED	Exploring Earth Systems A & Exploring Earth Systems B	8004, 8006
	OR	
	Essentials of Exploring Earth Systems A & B	8000, 8002
REQUIRED	Computer Applications (1/4)	2030
REQUIRED	Health (1/4)	0500
ELECTIVE		#
ELECTIVE		#
ELECTIVE		#
ELECTIVE		#
ELECTIVE		#
<i>Alternate electives must be completed. These will be used in the event of scheduling conflicts.</i>		
ALTERNATE #1		#
ALTERNATE #2		#
ALTERNATE #3		#

GRADE 10 COURSE REGISTRATION SHEET

STUDENT FULL NAME:			
PARENT/GUARDIAN NAME:		<i>Signature</i>	
ADVISOR NAME:		<i>Signature</i>	
SPECIAL ED CASE MANAGER:		<i>Signature</i>	

Circle ALL required choices. Fill in ALL elective and alternate lines.

REQUIRED/ELECTIVE	COURSE NAME	COURSE #
REQUIRED	Essentials of English 10 A & Essentials of English 10 B	3213, 3214
	OR	
	English 10 A & English 10 B	3210, 3212
	OR	
	Honors English 10 A & Honors English 10 B (Weighted Grade)	3200, 3202
REQUIRED	Essentials of Geometry	7205, 7207
	OR	
	Geometry 10 A & Geometry 10B	7201, 7203
	OR	
	Trades Geometry A and B	7206, 7208
	OR	
	Advanced Algebra 2 A & Advanced Algebra 2 B	7311, 7313
REQUIRED	Probability/Statistics	7601
	OR	
	Advanced Probability/Statistics	7603
REQUIRED	United States History A & United States History B	9100, 9102
REQUIRED	General Biology A & General Biology B	8010, 8012
	OR	
	General BiologyA & Essentials of Biology B	8024, 8025
	OR	
	Advanced Biology A & Advanced Biology B (Weighted Grade)	8020, 8022
ELECTIVE		#
ELECTIVE		#
ELECTIVE		#
ELECTIVE		#
ELECTIVE		#

Alternate electives must be completed. These will be used in the event of scheduling conflicts.

ALTERNATE #1		#
ALTERNATE #2		#
ALTERNATE #3		#

GRADE 11 COURSE REGISTRATION SHEET

STUDENT FULL NAME:			
PARENT/GUARDIAN NAME:		<i>Signature</i>	
ADVISOR NAME:		<i>Signature</i>	
SPECIAL ED CASE MANAGER:		<i>Signature</i>	

Circle ALL required choices. Fill in ALL elective and alternate lines.

REQUIRED/ELECTIVE	COURSE NAME	COURSE #
REQUIRED	English 11A & English 11B	3300, 3320
	OR	
	Essentials of English 11 A & 11B	3305, 3325
	OR	
	Honors English 11A & Honors English 11B (Weighted Grade)	3310, 3330
REQUIRED	Essentials of Algebra 2	7215, 7217
	OR	
	Advanced Algebra 2A & Advanced Algebra 2B	7311, 7313
	OR	
	Algebra 2A & Algebra 2B	7301, 7303
	OR	
	College Prep Algebra A & College Prep Algebra B	7410, 7412
	OR	
	College Algebra A & College Algebra B (Weighted Grade)	7400, 7402
REQUIRED	World Challenges A & World Challenges B	9200, 9202
REQUIRED	General Chemistry A & General Chemistry B	8030, 8032
	OR	
	Essentials of Chemistry A & Essentials of Chemistry B	8041, 8043
	OR	
	College Chemistry A & College Chemistry B (Weighted Grade)	8040, 8042
ELECTIVE		#
ELECTIVE		#
ELECTIVE		#
ELECTIVE		#
ELECTIVE		#
ELECTIVE		#

Alternate electives must be completed. These will be used in the event of scheduling conflicts.

ALTERNATE #1		#
ALTERNATE #2		#

GRADE 12 COURSE REGISTRATION SHEET

STUDENT FULL NAME:			
PARENT/GUARDIAN NAME:		Signature	
ADVISOR NAME:		Signature	
SPECIAL ED CASE MANAGER:		Signature	

Circle ALL required choices. Fill in ALL elective and alternate lines.

REQUIRED/ELECTIVE	COURSE NAME	COURSE #
REQUIRED	English 12A and English 12B	3450, 3400
	OR	
	College Prep English (Weighted Grade) and English 12B	3470, 3400
	OR	
	UMD Writing Studies and College English: Intro to Literature (Weighted Grades)	3410, 3520
REQUIRED	Framework of American Government	9300
	OR	
	College American Government (Weighted Grade)	9310
REQUIRED	Economics	9320
	OR	
	College in the Schools Economics (Weighted Grade)	9330

ELECTIVE		#	
ELECTIVE		#	
ELECTIVE		#	
ELECTIVE		#	
ELECTIVE		#	
ELECTIVE		#	
ELECTIVE		#	
ELECTIVE		#	
ELECTIVE		#	
ELECTIVE		#	

Alternate electives must be completed. These will be used in the event of scheduling conflicts.

ALTERNATE #1		#	
ALTERNATE #2		#	
ALTERNATE #3		#	

COLLEGE IN THE SCHOOLS

COURSE NUMBERS & CREDITS

2021-2022

All College in the Schools questions should be directed to the current College in the Schools coordinator, Steve Battaglia (ext. 1205). Certain courses through Fond du Lac Tribal and Community College and the University of Minnesota Duluth may not be offered for college credit due to budget or other restrictions. Information on individual courses will be available in the Fall of 2020.

FOND DU LAC TRIBAL AND COMMUNITY COLLEGE			
COLLEGE COURSE	FDL COURSE #	CHS COURSE #	COLLEGE CREDIT
American Government	POLS 1010	9310	3
Anatomy/Physiology I & II*	BIOL 2020/2021	8070, 8072	8
Calculus*	MATH 2001	7500, 7502	5
Career Explorations	CAOR 1005	2043	1
College Algebra/Trigonometry	MATH 1010/1015	7400, 7402	5
Digital Photography	ART 1095	1030	3
Financial Accounting I*	ACCT 2001	2000, 2002	3
General Chemistry I*	CHEM 1010	8040, 8042	5
Introduction to Criminal Justice & Related Careers	LAW 1001	9510	3
Introduction to Nursing/Medical Terminology**	HLTH 1001/BIOL 1005	8093, 8094	1
Emergency Response/First Responder & Health Occupations**	HLTH 1050	8091, 8095	
Introduction to Physics I*	PHYS 1001	8060, 8062	4
Music Theory*	MUSC 1040	0350, 0352	2
Personal Finance	BUS 1080	2065	3

- * **Year Long Course** – if year long courses are dropped at semester time, students will not receive any college credit and will earn a “W” on their college transcript.
- * **Site Location** – Fond du Lac Tribal and Community College /Cloquet Memorial Hospital

UNIVERSITY OF MINNESOTA DULUTH			
COLLEGE COURSE	UMD COURSE #	CHS COURSE #	COLLEGE CREDIT
College Writing Studies	WRIT 1120	3410	3
Introduction to Literature	ENGL 1907	3520	3
Economics and Society	ECON 1003	9330	3
German III*	GERM 1102	6120, 6122	4
German IV*	GERM 1201	6130, 6132	4
Spanish III*	SPAN 1102	6220, 6222	4
Spanish IV*	SPAN 1201	6230, 6232	4

COLLEGE IN THE SCHOOLS – STUDENT ELIGIBILITY

*****Only Grade 11 and Grade 12 students can earn college credits*****

FOND DU LAC TRIBAL AND COMMUNITY COLLEGE

The Minnesota State Colleges and Universities (MNSCU) Board Policy has determined these guidelines. All students who intend to enroll for college credit through FDLTCC must meet the following requirements:

1. A Grade 12 student is eligible and may be considered for enrollment if the student has a minimum overall GPA of 2.5 or greater and meets or exceeds the 50th percentile in class rank.
2. A Grade 11 student is eligible and may be considered for enrollment if the student has a minimum overall GPA of 3.0 or greater and meets or exceeds the 66th percentile in class rank.
3. The ACCUPLACER Tests shall be administered by the college staff to high school students seeking to enroll. If the scores for any high school student indicate a lack of preparation for college level work, enrollment will not be approved. These tests are mandatory for all students seeking Fond du Lac Tribal and Community College credit.

UNIVERSITY OF MINNESOTA DULUTH

High ability students seeking to earn college credit in College Writing Studies, College English: Intro to Literature, German III, IV, Spanish III and IV and Economics through the University of Minnesota Duluth must meet the following requirements:

1. University of Minnesota Duluth recommends that students enrolling in these courses are in the top 20% of their class.

OR

2. have earned a minimum 3.0 overall GPA.

The program is administered by the university. All courses in the program are offered for degree credit by the University of Minnesota Duluth and are transferable at a number of other educational institutions throughout the country. All students will receive a University of Minnesota Duluth student ID card and library privileges.

PLEASE NOTE:

All College in the Schools courses will be weighted graded only for students who qualify. Students that do not meet the criteria set by the institutions of higher education will not be enrolled for college credit.

GRADUATION IMPROVEMENT PROGRAM

GRADUATION IMPROVEMENT

99951 Quarter 1

99952 Quarter 2

99953 Quarter 3

99954 Quarter 4

Grades 9-12

Prerequisite: Instructor approval required

The graduation improvement program is designed to work with students who need to recover credits from previous quarters and/or years. Monitoring will be done with each student to aid in ensuring current credits are attained and are on track to graduate.

STUDY HALLS

99961 Semester 1

99962 Semester 2

ART

1000 CERAMICS & SCULPTURE I

1 Semester

Grades 9-12

Prerequisites: None

Meets the ARTS State Graduation Requirement

Ceramics & Sculpture class will help you to develop and expand your **Habits of Mind of the Artist**. Levels I and II share the studio space. Both classes will work, primarily with a low-fire clay body and glazes. Other media such as paper, cardboard, and found materials may also be explored. Level I students will explore a variety of hand building techniques, inspired by art throughout history and by one another. Level II will create pieces with both hand-building and wheel throwing techniques. Both levels are challenged to create pieces that are both technically proficient and unique to show their own, individual style. Inspiration for our work will come from many places including well established clay artists and cultures that are well versed in ceramics/pottery. Throughout the term, peer and teacher/student critiquing will be done. Please note that if we move to a Distance Learning model, we will use materials other than clay.

1002 CERAMICS & SCULPTURE II

1 Semester

Grades 9-12

Prerequisites: Ceramics & Sculpture I with grade B or better

Meets the ARTS State Graduation Requirement

This course is for students who have developed some strong basic skills in working with clay and/or other sculpture media and have completed Ceramics & Sculpture I at the High School level earning a B or better. Students will learn beginning wheel throwing techniques and have the opportunity to continue developing skills on the wheel throughout the semester. Students also continue to grow skills in hand-building techniques in functional and sculptural work while honing their individual style. Students may work in clay or in other 3-D media.

FYI: Students may be interested in taking the Studio course after any level II class has been successfully completed.

1003 ILLUSTRATION

1 Semester

Grades 9-12

Prerequisites: None

Meets the ARTS State Graduation Requirement

Using a variety of media, you will learn to use images to communicate ideas. A variety of media and techniques will be used from traditional drawing supplies to computer programs. Students will study illustrations, learning how artists have communicated through the language of the Elements of Design: line, shape, color, texture, form, and space. Peer and teacher/student critiques throughout the term are an integral part of the artistic process that is incorporated into class with the intention of empowering and developing.

1010 DRAWING

1 Semester

Grades 9-12

Prerequisites: None

Meets the ARTS State Graduation Requirement

This course is a foundation for senior high art and is highly recommended as a prerequisite for all other art classes.

Everyone can learn to draw! Drawing is a skill that is learned through careful observation and practice. Students will develop basic drawing skills and techniques through assigned drawing problems. A variety of drawing materials will be used. Individual creativity and exploration will be encouraged. Students will need to purchase a sketchbook, pencil, and large eraser on their own. Students are encouraged to bring a variety of drawing supplies to class.

1020 PAINTING

1 Semester

Grades 9-12

Prerequisites: Drawing class is highly recommended.

Meets the ARTS State Graduation Requirement

Students will develop skills and techniques in a variety of painting mediums while learning how to be expressive. Exploration of materials such as acrylic, ink, pastels, watercolor, and other materials may be included. Subjects such as landscapes, portraits, abstract, and still life may be explored. Students are *encouraged* to purchase a ring bound sketchbook as well as a variety of brushes.

1030 COLLEGE PHOTOGRAPHY*

1 Semester

Grades 11-12

Prerequisites: Accuplacer Test & minimum GPA (see below)*

Weighted Grade *

Fond du Lac Tribal & Community College Credit may be earned

Meets the ARTS State Graduation Requirement

**ATTENTION STUDENTS: You must have a 3.0 cumulative GPA as a junior or a 2.5 cumulative GPA as a senior to take this course for college credit.*

This course will focus on photography as an art form. Students will learn about how to make an effective composition and how to use light and images to effectively communicate an idea. Students will research contemporary photographers, finding inspiration and expanding creative horizons in the process. Digital photography is the primary medium for the class. Some special techniques, such as Digital photo editing and photo-collage may be included.

Students are required to provide their own digital camera. A Phone with a good quality camera will work just fine.

FYI: Students may be interested in taking the Studio course after this class has been successfully completed.

1040 STUDIO – VISUAL ART

1 Semester

Grades 11-12

Meets the ARTS State Graduation Requirement

Prerequisites: Two other Senior High School Art classes with grade B or better

Students in Studio have time to focus on larger, individual works of art. Studio is a class for highly motivated and serious student artists. This class is also open to students who have been working at home on a self-taught art form outside of those offered in school and wish to have a place in school to continue that exploration with guidance and constructive criticism. In those individual cases, students need to have a meeting with the teacher to show their work and discuss their intended use of Studio time. **Those individuals would also need a letter of permission from the art teacher in order to register for Studio.** Students will have a chance to further develop their individual artistic expression through a mostly self-driven, teacher-guided curriculum. Generally speaking, three to four major projects are expected to be completed throughout the term, all of which will be assessed in accordance with the Minnesota State Arts Standard with the Habits of Mind as our path. Students will have peer and teacher/student critiques throughout the term.

See Mrs. Deters if you have any questions.

BUSINESS AND TECHNOLOGY

2000 COLLEGE ACCOUNTING A* and

2002 COLLEGE ACCOUNTING B*

2 Semesters

Grades 10-12

Prerequisites: Accuplacer Test

Weighted Grade *

Fond du Lac Tribal & Community College Credit may be earned (*two semesters must be taken in order to earn credit*).

The study of Accounting provides an excellent opportunity for students to try their skills in a course that opens the world of business to them. Regardless of their future occupation, this course provides the student the opportunity to learn the languages of business that is so essential for people entering the numerous fields of business. The course also gives the student a better day-to-day understanding and appreciation of the business world. **ALL BUSINESS MAJORS IN COLLEGE ARE REQUIRED TO TAKE ACCOUNTING!!!!**

This course also provides the opportunity to discover whether he/she has an interest in or an aptitude for future studies in accounting. Jobs in the areas of investments, law, automation, management, secretarial and clerical work, etc. are just a few of the numerous jobs that demand an understanding of accounting. Many students who do not wish to continue their education but show an aptitude for this type of work can begin jobs in accounting with only their high school background.

This course develops background in the areas of financial records for retail and profession businesses, the use of business papers, interest, notes, and banking services, how to prepare and interpret financial reports, the procedures in computing payroll deductions, and how social security and income tax apply to the employee and employer, and an introduction to automated data processing in accounting. Computers are used daily to understand accounting principles and to complete course work.

Fond du Lac Tribal & Community College credits will be earned upon successfully completing the accounting practice set.

2005 ADVANCED ACCOUNTING APPRECIATION*

1 Semester

Grades 11-12

Prerequisites: College Accounting

Weighted Grade*

This course presents the complete accounting cycle for a merchandising business organized as a corporation. Focus will be on daily transactions in special journals, estimating uncollectible accounts, depreciation, property taxes, inventory, and notes payable and receivable. Automated accounting problems are included in each chapter.

Optional independent study - permission required by instructor.

2008 INTRODUCTION TO VIRTUAL REALITY/CYBERSECURITY

1 Semester

Grades 9-12

Prerequisites: None

Introduction to Virtual Reality introduces students to the basics of building virtual reality worlds using HTML and the A-Frame JavaScript Library. Students will build their own virtual reality worlds that are compatible with VR devices. As our world becomes increasingly dependent on technology, cybersecurity is a topic of growing importance. It is crucial that companies and individuals take precautions to protect themselves from the growing threat of cyber attacks. Students will learn foundational cybersecurity topics including networking fundamentals, software security, and basics of cryptography.

2009 FASHION MERCHANDISING

1 Semester

Grades 9-12

Prerequisites: None

Meets the ARTS State Graduation Requirement

This project based course focuses on the fashion industry and the merchandising of fashion related products. Topics include an overview of the fashion industry, the evolution, trends and movement of fashion, merchandising, promotion, and career development. Students will study current fashion trends and popular designers, explore a variety of fashion related careers in the retail industry and practice merchandising fashion products

2010 INTERIOR DESIGN

1 Semester

Grades 9-12

Prerequisites: None

Meets the ARTS State Graduation Requirement

Students will gain an understanding of the elements and principles of design. Students will learn to make appropriate selections of colors, fabrics, furnishings, lighting and furniture. Students will develop skills in architectural drafting and space planning throughout the use of hand or computerized drafting techniques. Students will apply math calculations to scale rooms and create scaled floor plans for a variety of spaces. Class projects include decorating sample rooms and designing floor plans. Students will also explore potential career in the architecture and design fields.

2020 INTRODUCTION TO BUSINESS

1 Semester

Grades 9-12

Prerequisites: None

This is an introductory course that provides an opportunity to explore the many different areas found in most major corporations and small businesses. Students will gain a better understanding of what it would be like to work in the areas of Management, Human Resources, Marketing, Finance, Accounting, and Advertising.

2030 COMPUTER APPLICATIONS

1 Quarter

Grade 9 REQUIRED

Prerequisites: None

This will be a 9 week course opposite a Study Hall or Health in the same semester. This course will give students computer skills that will serve them throughout their school years and in their personal lives. Students will be able to key reports in a variety of formation, prepare tables, key in various kinds of correspondence, create desktop publishing documents, produce PowerPoint presentations, learn how to navigate in and use the spreadsheet.

2040 COMPUTER CREATIONS

1 Semester

Grades 9-12

Prerequisites: None

Meets the ARTS State Graduation Requirement

This course will give students the technological edge needed to create great looking printed graphics & documents like flyers, brochures, magazine covers, and calendars, just to name a few. Using Microsoft Office, students will explore the world of desktop publishing. The focus of this course will be on page layout, graphics, using drawing tools, adding special effects to text and graphics.

2042 CAREER CLUSTERS

1 Semester

Grades 9 - 10

Prerequisites: None

This course is a great start in helping students identify interests, aptitudes and personal values. Students will understand the world of work and its requirements for success through listening to guest speakers from a variety of Minnesota Career Fields, Clusters, and Pathways. Students will increase awareness of available jobs and careers through a practical career exploration process using the Minnesota Career Information System (MCIS).

2043 COLLEGE CAREER CLUSTERS*

1 Semester

Grades 11-12

Prerequisites: Accuplacer Test

Weighted Grade*

Fond du Lac Tribal & Community College Credit may be earned.

This course is designed to help students decide on their path after high school. The course guides students through self-discovery, identifying their strengths and interests. Students will research careers and the education/training needed. Students begin to define and clarify career plans, helping them identify which steps to take now and after high school. Students will research post-secondary schools to include the application process, deadlines, degrees, requirements,

scholarships, and more. A campus visit is required. Students practice job searching strategies to include writing a resumé and cover letter, completing job applications, and mock interviews. A job shadow is required.

2048 WEBSITE DESIGN

1 Semester

Grades 9 – 12

Prerequisites: None

This is a project based class where students will learn to use multiple web design languages and programs including HTML, CSS and Bootstrap. Students will create and learn how to modify web pages using coding skills learned in this course.

2065 COLLEGE MONEY MATTERS*

1 Semester

Grades 11-12

Prerequisites: Accuplacer Test

Weighted Grade*

Fond du Lac Tribal & Community College Credit may be earned

This is a more advanced level of curriculum targeted for juniors and seniors. This course is a must for all students interested in learning about financial decisions they will face when they are out on their own. Topics will include money management, banking, income taxes, investing, credit, housing and automobile purchasing, and insurance.

2067 MARKETING AND MANAGEMENT MIX

1 Semester

Grades 10 - 12

Prerequisites: None

This course is designed to introduce the art of product design and promotion. Students will gain an understanding of the basic foundations of both marketing and management through industry examples such as sports and entertainment, hospitality, retail, sales, travel, and tourism.

Students will create a product and make important management decisions on the price, place, and promotion for their product. This class involves a strong concentration of design, creativity, and research for product development, sales and advertising.

2075 MULTIMEDIA 1

1 Semester

Grades 9-12

Prerequisites: None

Meets the ARTS State Graduation Requirement

Students will gain the knowledge and skills that will form the foundation for their study of multimedia applications. In this project-based course, students will create a variety of multimedia projects including several videos, public service announcements, and podcasts. The tools that students will use in this course to create their multimedia projects include Google Sites, Pixlr Editor, WeVideo, Animoto, PowToon, TwistedWave, Screencastify, Audacity, Stop Motion Animator, and Adobe Premiere Elements.

2079 ENTREPRENEURSHIP

1 Semester

Grades 9-12

Prerequisites: Introduction to Business

This course is designed to introduce students to the world of small business ownership. Students will hear from entrepreneurs on how they started their business and what made them successful. Students will create a business plan for a small business or nonprofit

ENGLISH

SUMMER READING OPTION

All regular English courses at all grade levels include a summer reading option. Information on this is distributed in the spring. It is mailed to the incoming 9th grade class, and is also available in the main office during the summer. This reading option must be documented and verified by a parent or guardian and is turned in to the English Department during the first week of school in the fall.

Summer Reading is required for all Honors English students & must be submitted the first week of school.

ENGLISH DEPARTMENT COURSE OFFERINGS

Notes: Essentials of English 9 (A & B), English 9 (A & B), Essentials of English 10 (A & B), English 10 (A & B), and Honors English 10(A & B) Essentials of English 11 (A&B) are taken for two semesters. All other courses are for one semester.

GRADE 9	Required:	Essentials of English 9A and Essentials of English 9B (two semesters) <i>OR</i> English 9A and English 9B (two semesters)
GRADE 10	Required:	Essentials of English 10A and Essentials of English 10B (two semesters) <i>OR</i> English 10A and English 10B (two semesters) <i>OR</i> *Honors English 10A and Honors English 10B (two semesters) Students may select the honors courses with the intention of preparing for participation in College in the Schools during their senior year or as students wishing to experience a more in-depth study of the subject. Enrollment in Honors English 10 is based on teacher recommendation or an application process. <i>To continue in the honors program, students must maintain a cumulative 3.0 GPA in all classes and a grade of C+ or higher in all English courses.</i>
GRADE 11	Required:	Essentials of English 11A and Essentials of English 11B (two semesters) <i>OR</i> English 11A and English 11B (two semesters) <i>OR</i> *Honors English 11A: Prerequisite Honors English 10 <i>AND</i> Honors English 11B (two semesters) <i>*To continue in the honors program, students must maintain a cumulative 3.0 GPA in all classes and a grade of C+ or higher in all English courses.</i>
GRADE 12	Required:	Honors UMD College Writing*† and College English: Intro to Literature*† (two semesters) <i>OR</i> English 12A: Senior English and English 12B: Best Sellers (two semesters) <i>OR</i> College Prep English and English 12B: Best Sellers (two semesters)

*** Honors level courses--prerequisites exist. See course descriptions.**

† College in the Schools courses—prerequisites exist. See course descriptions

***HONORS COURSES**—Students may select the honors courses with the intention of preparing for participation in College In The Schools during their senior year or as students wishing to experience a more in-depth study of the subject. Enrollment in **Honors English 10** is based on teacher recommendation or an application process. Students must maintain a C+ or higher in their English classes in order to continue in the honors program.

†COLLEGE IN THE SCHOOLS—Students who wish to register for college credit in UMD College Writing or College English: Intro to Literature must have maintained at least a 3.0 overall grade point average. It is recommended that students enrolling in these courses are in the top 20% of their class. This guideline is based on UMD criteria.

GRADE 9

3105 ESSENTIALS OF ENGLISH 9A and 3110 ESSENTIALS OF ENGLISH 9B

2 Semesters

Grade 9

Prerequisites for 3105:None Prerequisites for 3110:3105

This course will focus on reading, writing, and grammar topics addressed in the English 9 and English 10 MN state standards. Literature choices will be a mix of what is covered in English 9 and English 10, as well as other high interest pieces. Course content will be covered together as a class at an adjusted pace. Enrollment will be based on teacher recommendation. Upon completion of the course, students may either take English 10 or English 11, or continue with Essentials of English 9/10 or Essentials of English 11/12.

3100 ENGLISH 9A and 3102 ENGLISH 9B

2 Semesters

Grade 9

Prerequisites: 3100:None 3102:3100

Includes summer reading.

Outside reading during the academic year is also required.

This course is composed of the following segments: reading skills, composition, spelling, vocabulary, grammar, usage, mechanics, and literature. Special emphasis will be placed on the short story, the novel, drama, and a research project.

GRADE 10

3213 ESSENTIALS OF ENGLISH 10A and 3214 ESSENTIALS OF ENGLISH 10B

2 Semesters

Grade 10

Prerequisites for 3213:None Prerequisites for 3214:3213

This course will focus on reading, writing, and grammar topics addressed in the English 9 and English 10 MN state standards. Literature choices will be a mix of what is covered in English 9 and English 10, as well as other high interest pieces. Course content will be covered together as a class at an adjusted pace. Enrollment will be based on teacher recommendation. Upon completion of the course, students may either take English 10 or English 11, or continue with Essentials of English 9/10 or Essentials of English 11/12.

3200 HONORS ENGLISH 10A and 3202 HONORS ENGLISH 10B AMERICAN LITERATURE*

2 Semesters

Grade 10

Prerequisites: 3200 Teacher recommendation or Application Process, 3202 – 3200

Weighted Grade*

Includes summer reading requirement (due the first day of school in September)

Outside reading during the academic year is also required.

Note: *To continue in the honors program, students must maintain a cumulative 3.0 GPA in all classes and a grade of C+ or higher in all English courses.*

Honors English 10 is a course designed to prepare students for Honors English in grades 11 and 12. Students are exposed to extensive studies in the short story, novel, drama, poetry, non-fiction, grammar, and composition. The first semester focuses on composition (students will write approximately six essays based on short literature selections.) The second semester is American Literature, including elements of creative writing. This course does carry weighted grading. Students will be required to read four assigned books over the summer.

Note: *This course is the prerequisite for Honors Pre-College Writing and Honors British/World Literature (Honors 11A) in the junior year.*

3210 ENGLISH 10A and 3212 ENGLISH 10B AMERICAN LITERATURE*

2 Semesters

Grade 10

Prerequisites: 3210:None, 3212:3210

Includes summer reading

Outside reading during the academic year is also required.

Students will work to improve their skills in grammar, reading, and writing through a variety of academic studies focused on American Literature. The course is designed to provide a sample of past and present influential American authors. In addition, the class may also incorporate works by local authors and modern works.

GRADE 11

3305 ESSENTIALS OF ENGLISH 11A and 3325 ESSENTIALS OF ENGLISH 11B

2 Semesters

Grade 11

Prerequisites for:None Prerequisites for 3325: 3305 or 3320

This course will focus on reading, writing, and grammar topics addressed in the English 11 and English 12 MN state standards. Literature choices will be a mix of what is covered in English 11 and English 12, as well as other high interest pieces. Course content will be covered together as a class at an adjusted pace. Enrollment will be based on teacher recommendation. Upon completion of the course as an 11th grader, students may either take English 12, or continue with Essentials of English 11/12.

3300 ENGLISH 11A BRITISH/WORLD LITERATURE

1 Semester

Grade 11

Prerequisites: None

Includes summer reading

Outside reading during the academic year is also required

This course integrates the study of literature with the skills necessary for the “real world”—research, communication, vocabulary, to name a few. Students will use literary pieces as a means to improve reading, writing, and critical thinking skills to prepare students for post-secondary study and/or the world of work.

3310 HONORS ENGLISH 11A* BRITISH/WORLD LITERATURE

1 Semester

Grade 11

Prerequisites: Honors English 10 A & B

Weighted Grade (Prerequisite for UMD credit in Grade 12)*

Includes summer reading requirement (due the first day of school in September)

Outside reading during the academic year is also required.

NOTE: Juniors who register for this course must present a cumulative grade point average of 3.0 and a grade of C+ or higher in all English courses as well as satisfy entry criteria. See instructor for further guidance.

This course will begin by exploring the development of English Literature beginning with the Anglo-Saxon Period and move on to look at an overview of World Literature. This in-depth course will include academic writing, vocabulary development, and critical reading skills.

3320 ENGLISH 11B CREATIVE COMMUNICATIONS

1 Semester

Grade 11

Prerequisites: English 11A (British/World Literature)

Students will learn, and use, ways to express their personal view of who they are and what they see through written, interpersonal and group communications. Through ethics, delivery techniques, audience analysis and language use, students will observe, develop, organize, write and perform speeches including demonstration and persuasive speeches. They will also examine ways writers and speakers have seen their individual worlds, and gain insight into expanding experience and self-expression. Students will write a variety of pieces including a character sketch, observations, incidents, poems, journal entries, and impromptu writings. Oral readings, through a variety of literature, will also be included. Through reflections, writing, speaking and listening, students will develop means to creatively communicate.

3325 HONORS ENGLISH 11B* PRE-COLLEGE WRITING/COMMUNICATIONS

1 Semester

Grade 11

Prerequisites: Honors English 11A; C+ or higher in all English courses, and a cumulative 3.0 GPA in all classes, or department approval

Weighted Grade (Prerequisite for UMD credit in Grade 12)*

This semester course will incorporate a rigorous study in Pre-College Writing, communication, and speech. Emphasis will be placed on concise, accurate, truthful writing of fact and opinion in addition to expository and research writing and literary criticism. This work will emphasize writing exercises, careful reading, logic, argumentation, and critical analysis. In the speech portion of the course, students will research, organize, write and deliver a variety of speeches.

Note: This course is for those students who have successfully completed Honors English 10.

All students should take the Pre-College Writing course if they plan to take UMD Writing Studies as seniors. Juniors who register for this course must present a cumulative GPA of 3.0 and a grade of C+ or higher in all English courses.

GRADE 12

3450 ENGLISH 12A SENIOR ENGLISH

1 Semester

Grade 12

Prerequisites: None

Includes summer reading. Outside reading during the academic year is also required.

Senior English Skills features a comprehensive general review of English skills. Composition requirements stress argumentative, descriptive, creative, and narrative writings. The aim is to sharpen and practice correct usage for all students regardless of future plans. Students having post-high school interests in attending a vocational school, entering the armed services, obtaining a job, or entering college can all benefit.

3400 ENGLISH 12B BEST SELLERS

1 Semester

Grade 12

Prerequisites: None

This semester class involves reading bestselling books of past and present which may include *Catcher in The Rye*, *The Color of Water*, *The Great Gatsby*, *To Kill A Mockingbird*, and *Animal Farm*. Students have daily reading assignments. Informal as well as formal theme writing is included.

3470 COLLEGE PREP ENGLISH

1 Semester

Grade 12

Prerequisites: None

Weighted Grade*

Includes summer reading requirement (due the first day of school in September).

This course is designed for students who want to prepare seriously for the ACT Test and the subsequent rigors of college academics. Quarter I emphasizes intensive writing experiences to develop reading and writing skills necessary for success in college: summary/paraphrase, critical analysis, academic research, and argumentative essays. During Quarter II, the focus shifts to reading and responding to literature.

3410 UMD WRITING STUDIES* COMPOSITION †

1 Semester

Grade 12

Prerequisites: Honors Pre-College Writing; C+ or higher in all English courses, and a cumulative 3.0 GPA in all classes. It is recommended that students enrolling in this course be in the top 20% of their class.

Weighted Grade (3 credits from UMD)*

Includes summer reading requirement (due the first day of school in September).

The writing phase of this course is based on the UMD Freshman Composition requirement. Through the program called College in the Schools, a student will receive credits from the university upon successful completion of the course. Writing will consist of argumentative essays, comparison/ contrast essays, and a research paper.

3520 COLLEGE ENGLISH: * INTRO TO LITERATURE †

1 Semester

Grade 12

Prerequisites: UMD Writing Studies; must have a C+ or higher in all English courses, and a cumulative 3.0 GPA in all classes. It is recommended that students enrolling in this course be in the top 20% of their class.

Weighted Grade (3 credits from UMD)

This course explores major literary movements and themes using a variety of literary genres. Major novels serve as a foundation for discussion; however, poems, films, and essays also supplement the course as students examine and grapple with the complex and timeless issues involved in being human in an ever-changing, increasingly global society.

Students taking this course should be ready for intense, accelerated reading and writing schedules and prepared for mature, college-level content and discussion.

FAMILY AND CONSUMER SCIENCE

NOTE: Family and consumer science classes may not be repeated for credit.

4000 INTRODUCTION TO FOODS

1 Semester

Grades 9-12

Prerequisites: None

Enjoy eating food and want to learn how to cook? This class is designed to help you prepare nutritional recipes that are easy to follow. Proper selection and use of kitchen equipment will be covered. Gain confidence with common cooking techniques as you prepare selected foods served for breakfast, lunch, dinner or snacks. Students will practice time management, teamwork and leadership skills. Food sanitation and safety is an integral part of this class.

4002 FOODS & NUTRITION

1 Semester

Grades 10-12

Students will have a chance to learn about current food, nutrition and health issues. They will learn about the six nutrients found in our foods, ChooseMyPlate.gov and food labeling. We prepare foods from recipes that are good sources of vitamins, minerals, good fats, proteins and carbohydrates. We are what we eat! This class helps students learn how to make good nutritional food choices. Our lives are busy! Students will collect nutritious recipes that can be made in a short amount of time.

4010 CHILD DEVELOPMENT

1 Semester

Grades 11-12

Prerequisites: None

This class will explore topics such as parenthood readiness, pregnancy, labor and birth, inherited vs. environmental causes for disabilities, preparing for the newborn, and baby's first years. There is an in-depth look at the physical, emotional/social and intellectual development of the child birth to one year of age. Through a variety of guest speakers they will gain an understanding of resources and careers related to working with children. This class is helpful for a student planning a career in education, social work, counseling, medicine, psychology or child care.

4020 WORLD FOODS

1 Semester

Grades 10-12

The emphasis of this class is on preparing and serving food attractively. Students will learn about many international cuisines such as Mexican, Chinese, and Greek and prepare some foods from each of these ethnic groups. We will study the link between food, culture, and travel and how what we eat as well as the way we eat defines a culture. It is an international experience right in the classroom!

INDUSTRIAL TECHNOLOGY

5001 CONSTRUCTION CAREERS 1

1 Semester

Grades 9-12

Prerequisites: None

Build hours For Apprenticeship program

In Construction Careers 1, Students will develop basic construction skills as they work through a list of expectations. Students will Learn shop safety, including personal protective equipment and safe practices. They will also become familiar with the different tools to be used in Construction, and they must demonstrate and achieve safe and proper operational usage certificates for each tool. Students will also become familiar with the different fasteners used in construction and their proper use. Students will be working on individual projects that they may purchase as they are completed. Any remaining projects will be sold to the general public. Students will be getting an introduction to some of the "Soft Skills" needed to get into the workforce. Students will also be starting an electronic portfolio to document and record their certifications and experiences.

5002 CONSTRUCTION CAREERS 2

1 Semester

Grades 9-12

Prerequisites: Construction Careers 1 or Woodworking 1

Build hours For Apprenticeship program

In Construction Careers 2, Students will develop intermediate construction skills as they work through a list of expectations. Students will Learn shop safety, including personal protective equipment and safe practices. They will also become familiar with the different tools to be used in Construction, and they must demonstrate and achieve safe and proper operational usage certificates for each tool. Students will also become familiar with the different fasteners used in construction and their proper use. Students will be working on individual projects that they may purchase as they are completed. Any remaining projects will be sold to the general public. Students will continue some of the "Soft Skills" needed to get into the workforce. Students will also be starting / continuing an electronic portfolio to document and record their certifications and experiences.

5003 CONSTRUCTION CAREERS 3

1 Semester -Two periods per day

Grades 10-12

Prerequisites: Construction Careers 1 and 2

Build hours For Apprenticeship program

In Construction Careers 3, Students will develop advanced construction skills as they work through a list of expectations. Students will Learn shop safety, including personal protective equipment and safe practices. They will also become familiar with the different tools to be used in Construction, and they must demonstrate and achieve safe and proper operational usage certificates for each tool. Students will also become familiar with the different fasteners used in construction and their proper use. Students will complete the "Soft Skills" needed to get into the workforce. Students will be working on individual projects that they may purchase as they are completed. Any remaining projects will be sold to the general public. Students will also be starting continuing an electronic portfolio to document and record their certifications and experiences.

5010 ARCHITECTURAL ENGINEERING & CONSTRUCTION A and 5012 ARCHITECTURAL ENGINEERING & CONSTRUCTION B

2 Semesters

Grades 10-12

Prerequisites: None

Build hours For Apprenticeship program

This two semester course is for students interested in Construction Careers. This class will be a faster pace than the other Construction Careers classes. Students will develop construction skills as they work through a list of expectations. Students will Learn shop safety, including personal protective equipment and safe practices. They will also become familiar with the different tools to be used in Construction, and they must demonstrate and achieve safe and proper operational usage certificates for each tool. Students will also become familiar with the different fasteners used in construction and their proper use. Students will be working on individual projects that they may purchase as they are completed. Any remaining projects will be sold to the general public. Students will be getting an introduction to some of the "Soft Skills" needed to get into the workforce. Students will also be starting an electronic portfolio to document and record their certifications and experiences. Projects will vary as the course goes, starting very simple and basic, moving on to more difficult and larger projects.

5020 AUTO MECHANICS I

1 Semester

Grades 10-12

Prerequisites: None

Everyone will eventually drive an automobile and this class is designed for those who would like to know how their automobile operates and learn to do some basic repair work on their own vehicle. Students will become completely familiar with the parts of the automobile and how its engine works. Engine systems that are covered will include the basic short block, valve systems, ignition systems, fuel systems, exhaust systems, cooling systems, lubricating systems, and the automobile chassis. A section on buying a used car and automobile safety inspection is also included.

The basic method of instruction will include lecture, demonstration and actual hands-on experience by the student with approximately 40% of the time spent working on projects. General information such as safety, basic hand tools, fasteners, the use of hoists and jacks, and basic automotive engines and their systems will be covered.

Some jobs students will learn and be able to do include: changing oil on an auto engine, fixing a flat tire on a tire machine, doing a basic brake job, changing shocks, and other basic automotive projects. Throughout the course, work ethics will be stressed. Auto Mechanics II is not required to receive credit for this class. Good attendance habits, ability to work with others, work area cleanliness, and a desire to do quality repair work are required. Automotive engine rebuilding will not be done in this class. Projects will be of a general nature and geared to what students could actually accomplish working on a car in their home garage.

5030 AUTO MECHANICS II

1 Semester-Two periods per day

Grades 10-12

Prerequisites: Auto Mechanics I and/or instructor approval

This is the second phase of Auto Mechanics and will build on tasks learned in Auto Mechanics I. Engine systems that are covered will include Computerized Fuel Injection, ABS Systems and a major automotive project approved by the instructor. Tasks learned in Auto Mechanics 1 can also be done during the open shop work periods.

The basic method of instruction will include lecture, demonstration and actual hands-on experience by the student with approximately 70% of the time spent working on projects. General information such as safety and the use of service equipment will be reinforced.

Throughout the course, work ethics will be stressed. Good attendance habits, ability to work with others, work area cleanliness, and a desire to do quality repair work are required. Automotive engine rebuilding will not be done in this class. Projects will be of a more complex nature than Auto Mechanics 1 yet still geared to what students could actually accomplish working on a car in their home garage.

5070 CAD/ MECHANICAL ENGINEERING

1 semester

Grades 9-12

Prerequisites: None

The purpose of this course is to introduce the student to the field of mechanical engineering through an exposure of its disciplines, including mechanism design, fluid flows, and power transmission. By using principles and methods of analysis developed in class, students will complete various projects. These projects will begin with conceptualization, proceed with the testing of designs, and conclude in the construction and testing of a virtual prototype; or having the option of a 3D print. The creative process will be encouraged throughout. By the end of the one semester course, students will be expected to professionally demonstrate their solution.

5090 Residential Systems

1 Semester

Grades 9-12

Prerequisites: None

An introduction into the Systems that make up a residential home. Students will be introduced to Plumbing, Heating and cooling and structural systems, electrical and basic troubleshooting and repairs of these systems. The class will also look at the basic structures of residential homes, through hands on experience of Framing, wall coverings, ceilings and roofs, insulation and barriers. Emphasis will be on safety and tooling, with a hands on approach to the class.

5100 INTRODUCTION TO WELDING / MACHINING - Skilled Trades Path

1 Semester

Grades 10-12

Prerequisites: None

This course is designed for the student who would like to experience what is involved in the Welding/Machining occupations, including Millwrights. General information topics such as precision measuring tools, blueprint reading including weld symbols, metallurgy, basic metalworking hand tools, and SAFETY will be studied.

The student will learn how to gas weld and Shielded Metal Arc Weld (SMAW). Oxyfuel and arc cutting is covered along with grinding and sanding techniques.

The machining phase of the course will acquaint the students with the various machines used in industry. The student will learn how to safely operate the metal lathes, milling machines, grinders and power saws. This course also covers computer operated machining tools. The student will design, program, and run individual projects on various CNC machines. There is also a focus on Math calculations and formulas used on the job. In addition, identification and descriptions of various types of fasteners and other materials with characteristics and purpose explained.

The student may have an opportunity to produce small individual projects as well as work cooperatively on group projects as time permits. No prerequisite is required.

5101 ADVANCED WELDING / MACHINING TECHNOLOGY, Skilled Trades Path

1 Semester - Two periods per day.

This course may be offered every other year

Grades 10-12

Prerequisites: Intro to Welding/Machining Technology

This course is designed for the student who would like to further their experience in the Welding, Machining and Millwright occupations. A continuation of the Introduction class, exploring deeper into what it takes to be a Millwright, which includes advanced skills in: Precision measuring, hand tools- layout, cutting and metal removing, and positioning tools. Another focus of the course will be learning advanced welding techniques along with heliarc (TIG) welding of aluminum and stainless steel.

The final phase of the course will be devoted to large individual and group projects along with advanced machining techniques.

5110 SMALL GAS ENGINES / RECREATIONAL VEHICLE MECHANICS

1 Semester

Grades 9-12

Prerequisites: None

This course is designed to be the student's first exposure into the field of power mechanics. Basic hand tools, nut and bolt identification, general engine theory, ignition, fuel, cooling, starting, and lubrication systems are some of the topics that will be discussed. Lab work will enable each student to test or troubleshoot, disassemble, inspect, measure, reassemble, and test run Four-stroke cycle small gas engines. Small gas engines used for this purpose (Briggs/Stratton and Honda) will be furnished by the school district. Various equipment such as the valve grinding machine and electrical and ignition test equipment will be demonstrated in class.

Students will be able to work on projects of their own choice once they have completed the required lab work and if time permits. These projects can be lawn mowers, snow blowers, chainsaws, or recreational vehicles such as motorcycles, all-terrain vehicles, and snowmobiles. Various service procedures required to maintain and repair these vehicles will be covered in the final phase of this class.

5160 ROBOTICS

1 semester

Grades 10-12

Prerequisites: None

This is a semester-long course that will allow students to explore the world of robotics through FIRST robotics, VEX Robotic systems and EV3 Robotic systems. Students will learn different types of programming languages including "Graphic Based" and "C". They will use the problem solving and programming to complete a series of tasks and design challenges.

5165 3D DESIGN AND PRINTING / WEB PAGE DESIGN

1 semester

Grades 10-12

Prerequisites: None

This is a semester long course that will allow students to explore the fields of 3D and webpage design. Students will learn how to use 3D design software then create their own marketable product. They will then learn how to use webpage design software to market their newly created product. Students will also have the opportunity to 3D print their projects.

5080 ELECTRICAL TRAINING ALLIANCE INTERIM CREDENTIALS PROGRAM

Yearlong

Grades 12 Only

Prerequisites: None

This course is meant to prepare students for a career in the electrical industry as an apprentice electrician and expose them to the tools of the trade, workplace basics, and the various materials that they will come in contact with. Students will also be introduced to the National Electrical Code (NEC), proper safety techniques, and practices of an electrician. This course includes learning the fundamentals of circuits, wiring, and the mathematical ways in which an electrician works on a daily basis that includes the relationship between voltage, current, and resistance. Students will learn how blueprints are used in the trade and to identify the different types of projections and visualize structures based on the information found in blueprint drawings. The Interim Credentials curriculum is designed for advanced placement into any of the 270 IBEW/NECA Electrical Training Centers across the United States. Once the student completes the mastery of the Interim Credentials program and graduates high school, he or she can present their completion certificate to a training center for consideration of advanced placement into the second year of the 5-year electrical apprenticeship. Final entry into an IBEW/NECA apprenticeship program is dependent on the results of the training center's selection process.

LANGUAGES

6010 Ojibwemowin I A and 6012 Ojibwemowin I B

2 Semesters

Grades 9-12

Prerequisites: None

This course will introduce students to basic vocabulary and conversational skills. Common phrases, commands, questions and answers will also be learned. Classroom participation, group conversations and vocab study are required.

6015 Ojibwemowin II A and 6017 Ojibwemowin II B

2 Semesters

Grades 10-12

Prerequisites: Grade C or better in Anishinaabemowin 1

Students will expand VAI and VII vocab. Emphasis will be put on VTA and VTI grammar structure. Preverbs, noun declination, new order and modes will be learned. Reading and writing in ojibwemowin, class participation and daily study will be required.

6018 Ojibwemowin III A and 6019 Ojibwemowin III B

2 Semesters

Grades 11-12

Prerequisites: Grade C or better in Anishinaabemowin 2

Students will continue to study VAIs, VIIs, VTAs and VTIs. Preverbs, noun declination, new orders and modes will be learned. Discourse markers will be introduced. Translation work, reading, daily study and class participation will be required.

6100 GERMAN I A and 6102 GERMAN I B

2 Semesters

Grades 9-12

Prerequisites: Grade C or better in English

German remains a relevant, valuable language to know, as the US has strong economic ties to Germany! Emphasis in this course will be placed on learning basic vocabulary and simple grammatical structures for oral or written communication. Lessons are designed to be interactive and engaging, using music and interpersonal activities to practice concepts. Topics explore and compare student life in German-speaking countries and the USA. *German students may apply to participate in GAPP, a mini-exchange program between Cloquet HS and a high school in Villingen-Schwenningen, Germany! Read more about GAPP here: <https://sites.google.com/isd94.org/gapp/home> *To proceed to the next quarter, a student must have earned a grade of C or better, or permission of the instructor.*

6110 GERMAN II A and 6112 GERMAN II B

2 Semesters

Grades 10-12

Prerequisites: Grade C or better in German I

German II expands vocabulary, grammatical, and cultural knowledge learned in German I. Lessons continue to center around music and interactive activities, with a greater emphasis put on reading and writing. Topics explore the world around us in German-speaking countries and in the USA. *To proceed to the next quarter, a student must have earned a grade of C or better, or permission of the instructor.*

6120 COLLEGE GERMAN III A* and 6122 GERMAN III B*

2 Semesters

Grades 11-12

Prerequisites: Grade C or better in German II and Accuplacer Test

Weighted Grade*

University of Minnesota Duluth credit may be earned (two semesters must be taken in order to earn credit)

ATTENTION STUDENTS: You must have a 3.0 cumulative GPA to take this course for college credit.

College credit through the University of Minnesota Duluth may be earned for this course.

German 3 lessons continue to include music and interactive activities with more emphasis on producing original language. We investigate most topics through the use of authentic materials from Germany, including children's books and movies. Fall semester focuses on continued vocabulary acquisition and grammar study through thematic units. Spring semester emphasizes cultural topics current to Germany and German-speaking countries. Instruction conducted in German.

Cloquet Senior High School 2020-21 Registration Manual

6130 COLLEGE GERMAN IV A* and 6132 GERMAN IV B*

2 Semesters

Grades 11-12

Prerequisites: Grade C or better in German II and Accuplacer Test

Weighted Grade*

University of Minnesota Duluth credit may be earned (two semesters must be taken in order to earn credit)

ATTENTION STUDENTS: You must have a 3.0 cumulative GPA to take this course for college credit.

College credit through University of Minnesota Duluth may be earned for this course.

German 4 lessons continue to include music and interactive activities with more emphasis on producing original language.

We investigate thematic topics pertinent to understanding German culture (past and present) through the use of the textbook "Kaleidoskop" as well as other authentic texts and videos. Instruction conducted in German.

6200 SPANISH I A and 6202 SPANISH 1B

2 Semesters

Grades 9-12

Prerequisites: 70% or better in English

This course is designed to introduce the basic concepts and vocabulary to enable the student to converse, read, and write simple Spanish sentences. Spanish-speaking countries and their cultures will be studied through authentic resources (music, movies, etc.). This course requires daily study out of class in addition to daily participation. A grade of C or better, or permission of the instructor, is required to continue to the next quarter.

6210 SPANISH II A and 6212 SPANISH II B

2 Semesters

Grades 10-12

Prerequisites: 70% or better for Spanish I

This course allows students to continue with their Spanish studies. Attention will be given to developing proficiency in the basic grammar skills of the language – speaking, listening comprehension, reading, and writing. Spanish-speaking countries and their cultures will be studied. This course requires daily study out of class in addition to in-class participation. A grade of C or better, or permission of the instructor, is required to continue to the next quarter.

6220 COLLEGE SPANISH III A* and 6222 SPANISH III B*

2 Semesters Grades 11 or 12

Prerequisites: 70% or better in Spanish II and Accuplacer Reading Test 78+, 3.0 GPA (juniors), 2.5 GPA (seniors)

Weighted Grade*

Lake Superior College credit may be earned (two semesters must be taken in order to earn credit).

This Spanish III course is a CITS course through Lake Superior College. Students will earn 4 college credits for SPAN 2010 upon successful completion of course.

This is a college Spanish course for students who feel ready to skip the 1010 beginning level course and jump into a 2010 Intermediate level college course.

Spanish III is a college level 2010 course through Lake Superior College. Students will earn 4 college credits for SPAN 2010 upon successful completion of course. It is an immersive, approach to intermediate level reading, writing, listening and speaking. The class is taught using Spanish input that is comprehensible for intermediate level students. Authentic resources of readings, videos and current latin music are used to teach and enforce vocabulary and grammar concepts. Course is taught in Spanish.

6230 COLLEGE SPANISH IV A* and 6232 SPANISH IV B*

2 Semesters Grade 12

Prerequisites: Spanish III (SPAN 2010 - Intermediate Spanish I) and Accuplacer Reading Test 78+, 3.0 GPA (juniors), 2.5 GPA (seniors)

Weighted Grade*

Lake Superior College credit may be earned (two semesters must be taken in order to earn credit).

2020 upon successful completion of course.

Spanish IV is a college level 2020 course. Spanish IV is a natural continuation of Spanish III and is an immersive, approach to intermediate level reading, writing, listening and speaking. The class is taught using Spanish input that is comprehensible for intermediate level students. Authentic resources of readings, videos and current latin music are used to teach and enforce vocabulary and grammar concepts. Course is taught in Spanish.

9900 ENGLISH LANGUAGE LEARNERS A and 9901 ENGLISH LANGUAGE LEARNERS B

2 semesters

Grades 9 – 12

Prerequisites: None

This course is for non-native speakers of English. Reading, writing, speaking and comprehension will be taught. To be able to achieve these skills, grammar, vocabulary and phonics will be parts of every day instruction. An effort will be made to assist the students with other subjects as well.

6400 Exploring World Cultures A and/or 6410 Exploring World Cultures B

1 Semester

Grades 9-12

Prerequisites: NONE

This is does count towards a foriegn language requirement

This semester-long course will allow students the opportunity to explore language and culture of the world. Learning modules will emphasize unique aspects of the target culture including music, media, food, current events, and everyday life. Students may repeat the course, as the content will be different each semester.

LI'L LUMBERJACKS LEARNING CENTER

LI'L LUMBERJACKS CADET

4071 Quarter 1 & 2

4073 Quarter 3 & 4

1 Quarter credit

Grades 9-12

Prerequisites: Interview and orientation with
Li'l Lumberjacks Director

This class will be limited to 35 students a semester, 5 students each hour. 1/2 credit will be earned through cadetting in the Li'l Lumberjack Learning Center. The cadets will have practical experience working in the infant, toddler and preschool rooms. This is great "work based learning" and will be graded pass/fail. This class can be repeated for credit.

9350 Foundations of Anishinaabe and American Education Systems

1 semester

Grades 11 – 12

Prerequisites: None

Fond du Lac Tribal & Community College Credit may be earned

ATTENTION STUDENTS: You must have a 3.0 cumulative GPA as a junior or a 2.5 cumulative GPA as a senior to take this course.

This course introduces all prospective teachers to the profession of education. It is a required course for all entering the teaching profession. The major purpose is to help students clarify their thoughts and feelings about becoming a professional educator and the educational philosophies that will become the foundations of future Birth-6th grade classrooms. An overview of the topics includes tools and techniques of teaching, students and classroom management, pedagogy and the history of the U.S. and Anishinaabe education, career settings, and relationship with families, and educational systems. An introduction of Minnesota graduation standards and Early Childhood Learner Outcomes, curriculum, and incorporating Anishinaabe curriculum into the classroom will also be covered. Students participate in a classroom experience. This course prepares candidates for the entrance into the teacher education programs, including the first stages of the educational assessments, portfolio and organizations within the educational systems.

9352 COMMUNITY HEALTH AND WELLNESS FOR EDUCATORS

1 semester

Grades 11 – 12

Prerequisites: None

Fond du Lac Tribal & Community College Credit may be earned

ATTENTION STUDENTS: You must have a 3.0 cumulative GPA as a junior or a 2.5 cumulative GPA as a senior to take this course.

The focus of this course is on the overall health & wellness with an Anishinaabe perspective of the birth-6th grade elementary school community. Development of teaching strategies appropriate for the holistic health and wellness including physical education activities, healthy nutritional choices, mental health, and spirituality for a balanced sense of self that will be appropriate for early childhood through elementary school children. Discussion will be about the prevention of: drugs, alcohol, and tobacco use, reduced risk and control of diseases and the health and wellness in the communities. An introduction to the regulations, standards, policies, and procedures, prevention techniques, and early childhood curriculum related to health, safety, and nutrition.

MATHEMATICS

In order to fulfill the Cloquet High School math requirements, students must take 3 full years of mathematics in addition to Probability and Statistics. Students will be pre-registered by their current math teacher. New students will be advised/registered by a guidance counselor. Since 2015, most colleges (including UMD) require 4 years of high school math for admission. Students are pre-registered into their math courses by their instructors.

Math offerings by grade level:

GRADE 9	GRADE 10	GRADE 11	GRADE 12
Linear Algebra Intermediate Algebra 9 Advanced Geometry	Essentials of Geometry Geometry 10 Trades Geometry Advanced Algebra 2 Probability/Statistics Advanced Probs/Statistics	Essentials of Algebra 2 Algebra 2 College Algebra College Prep Algebra Probability/Statistics Advanced Probs/Statistics	Algebra 2 College Prep Algebra College Algebra Calculus

Typical Math Sequencing - see below for PROBABILITY AND STATISTICS sequencing:

GRADE 9	GRADE 10	GRADE 11	GRADE 12
Linear Algebra	Essentials of Geometry OR Trades Geometry	Essentials of Algebra 2	Algebra 2
Intermediate Algebra	Geometry 10 OR Trades Geometry	Algebra 2	College Prep Algebra OR College Algebra
Advanced Geometry	Advanced Algebra 2 OR Algebra 2	College Prep Algebra OR College Algebra	College Algebra OR Calculus

*****All Grade 10 students must also sign up for PROBABILITY AND STATISTICS or ADVANCED PROBABILITY AND STATISTICS.**

A TI-83, TI-84, TI-83Plus or TI-84Plus calculator is required for all math courses.

7000 LINEAR ALGEBRA A and 7002 LINEAR ALGEBRA B

2 Semesters

Grade 9

Prerequisites: None

Linear Algebra will equip students with skills for making a successful transition to Essentials of Geometry. Students will be taught basic math concepts such as: decimals, fractions, percents, proportions, area, and volume along with algebra topics such as graphing, solving equations, slope, and linear equations. Students will be introduced to exponential and quadratic equations. Linear Algebra placement is based on 8th grade math teacher recommendation and standardized test scores.

7101 INTERMEDIATE ALGEBRA 9A and 7103 INTERMEDIATE ALGEBRA 9B

2 Semesters

Grade 9

Prerequisites: Linear Algebra

Students begin this course with a comprehensive review of linear algebra. Afterward, students will be introduced to exponential growth and decay, fundamental counting principle, properties of exponents, quadratic equations, functions, systems of equations, polynomials, and other topics. Students successfully completing Linear Algebra in 8th grade should register for this course.

7211 ADVANCED GEOMETRY A and 7213 ADVANCED GEOMETRY B

2 Semesters

Grade 9

Prerequisites: Intermediate Algebra

Geometry emphasizes a system of deductive reasoning and logical thinking through the use of points, lines, angles, triangles, and other figures. Statements are proved on the basis of theorems, definitions, postulates, and properties of numbers. Problems of a practical nature are solved in conjunction with the mastery of basic concepts. Students will explore area, volume, perimeter, and surface area of several two-dimensional and three-dimensional figures. Students will also discover the properties of triangles, quadrilaterals, circles, and other geometric figures.

Students are placed in this course based on instructor approval.

7201 GEOMETRY 10A and 7203 GEOMETRY 10B

2 Semesters

Grade 9-10

Prerequisites: Intermediate Algebra 9

Geometry emphasizes a system of deductive reasoning and logical thinking through the use of points, lines, planes, angles, triangles, and other figures. Students will explore area, volume, perimeter, and surface area of several two-dimensional and three-dimensional figures. Students will also discover the properties of triangles, quadrilaterals, circles, and other geometric figures.

7205 ESSENTIALS OF GEOMETRY A and 7207 ESSENTIALS OF GEOMETRY B

2 Semesters

Grade 10-12

Prerequisites: Linear Algebra

This course introduces points, lines, planes, angles, triangles, and other figures. Students will use this knowledge to study perimeter, area, volume, and surface area of several two-dimensional and three-dimensional figures. Students will also work with some properties of angles, triangles, quadrilaterals, circles, and other geometric figures.

7601 PROBABILITY/STATISTICS

1 Semester

Grade 10

Prerequisites: None

This semester course will prepare students for state requirements and for the statistics portion of the MCA III test. The course will cover frequency distributions, central tendency, standard deviation, confidence intervals, normal curves, permutations and combinations, and different representations used in probability and statistics.

7603 ADVANCED PROBABILITY/STATISTICS

1 Semester

Grade 10

Prerequisites: Students registering for this course must earn B or better grades in their 9th grade math course.

This semester course will prepare students for state requirements and for the statistics portion of the MCA III test. Further, this course will cover topics at a faster pace so additional topics in probability and statistics can be explored. This class meets the Probability/Statistics requirement. In addition to the regular Probability/Statistics content, selected topics from sampling and discrete math will be addressed with special emphasis on algorithmic thinking and communicating using mathematics.

7206 TRADES GEOMETRY A and 7208 TRADES GEOMETRY B

Semesters Grade 10-12

Prerequisites: Linear Algebra or Intermediate Algebra

This hands on course introduces points, lines, planes, angles, triangles, and other figures. Students will use this knowledge to study perimeter, area, volume, and surface area of several two-dimensional and three-dimensional figures. Students will also work with some properties of angles, triangles, quadrilaterals, circles, and other geometric figures. This course will provide students the opportunity to immediately apply what they are learning in the classroom to small in class construction projects. Priority will be given to students who are currently enrolled or will be enrolled in Industrial Tech courses.

7215 ESSENTIALS OF ALGEBRA 2 A and 7217 ESSENTIALS OF ALGEBRA 2 B

2 Semesters

Grade 11-12

Prerequisites: Geometry or Essentials of Geometry

Linear algebra, exponential growth, quadratics, and trigonometry will highlight this course meant to round out a student's essential knowledge of high school mathematics. MCA content will influence the pacing and content studied throughout the year. Bring your TI-84 calculator!

7301 ALGEBRA 2A and 7303 ALGEBRA 2B

2 Semesters

Grade 10-12

Prerequisites: Geometry

This course is designed to review the concepts and further develop skills in the fundamental operations of algebra. Topics will include: linear, quadratic, and exponential functions, variation functions, systems, equations of circles, an introduction to trigonometry, and other topics as time permits. Throughout the year, there is an emphasis on ACT test preparation.

7311 ADVANCED ALGEBRA 2/ TRIGONOMETRY A and 7313 ADVANCED ALGEBRA 2/ TRIGONOMETRY B

2 Semesters

Grade 10

Prerequisites: Advanced Geometry

This course is designed to develop an understanding of linear, quadratic, polynomial and rational functions. Students will be introduced to complex numbers, logarithms and trigonometry. Other topics will be developed as time permits. Students must earn a B or higher in Advanced Geometry to take this course.

7400 COLLEGE ALGEBRA A* and 7402 COLLEGE ALGEBRA B*

2 Semesters

Grade 11-12

Prerequisites: Advanced Algebra 2 OR

College Prep Algebra, Accuplacer Test

Weighted Grade*

College Credit through Fond du Lac Tribal & Community College

ATTENTION STUDENTS: You must have a 3.0 cumulative GPA as a junior or a 2.5 cumulative GPA as a senior to take this course.

This course is a continuation of Advanced Algebra 2 or College Prep Algebra. This course continues the study of trigonometry with an emphasis on circular functions, vectors, complex numbers, and applications in trigonometry. Other topics include conic sections, advanced polynomials, exponential, and logarithmic functions.

This course is intended to meet the needs of college bound students pursuing careers in math, engineering, science, medicine, or any other technical fields needing a sound mathematical background.

Students registering for this course should check with their math instructor, a counselor, or any member of the math department for advice. Students must earn a B or higher in Advanced Algebra 2 or College Prep Algebra to take this course.

7410 COLLEGE PREPARATORY ALGEBRA A and 7412 COLLEGE PREPARATORY ALGEBRA B

2 Semesters

Grade 11-12

Prerequisites: Algebra 2 or Advanced Algebra 2

This course is designed to prepare students for College Algebra. Students will further develop their understanding of linear, exponential, quadratic functions, and sequences. Students will also explore logarithmic, polynomial, and rational functions. The trigonometry of angles and triangles, trigonometric functions, basic identities, and applications of trigonometry will conclude the year. Any student who is not in College Algebra, but still intending to attend a 4-year college should take this course.

7500 CALCULUS/ANALYTICAL GEOMETRY A* and 7502 CALCULUS/ANALYTICAL GEOMETRY B*

2 Semesters

Grade 12

Prerequisites: College Algebra

Weighted Grade*

College credit through Fond du Lac Tribal & Community College

ATTENTION STUDENTS: You must have a 3.0 cumulative GPA as a junior or a 2.5 cumulative GPA as a senior to take this course.

This course is a continuation of mathematics following College Algebra. The course is designed to meet the needs of students who will pursue careers in mathematics, the physical sciences, engineering, or liberal arts fields requiring calculus for entry. Students enrolling should have completed College Algebra or an equivalent pre-calculus course with at least a B average.

This course covers Calculus from graphical, numerical, and symbolic points of view. This course builds the definitions and concepts of slope, concavity, and rates of change. Continuity, limits, and problem solving are also emphasized.

The course uses approximating sums to develop the concept of integrals. Integrals are used to evaluate area, volume, and work.

*Students with averages less than "B" require the recommendation of their College Algebra teacher before enrolling in Calculus/Analytical Geometry.

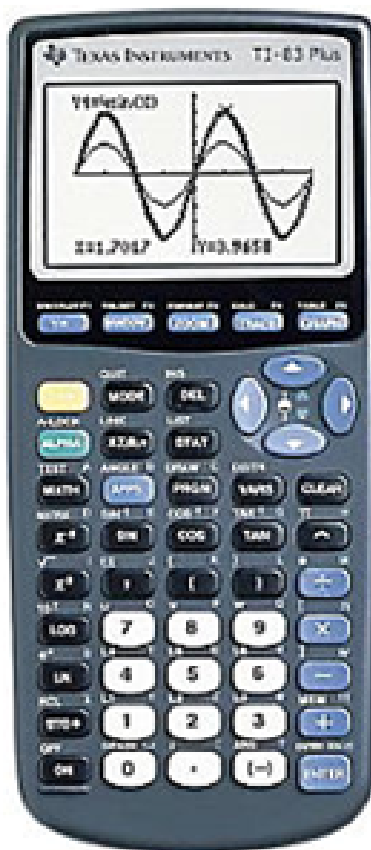
THE NEED FOR A TI-83 or TI-84 STYLE CALCULATOR

Students in Grades 9 - 12 math will be using a TI-83 or TI-84 style calculator. Some students have found a way to put one on their Chromebook as an app, but Chromebooks, phones, iPads, etc. are not allowed on any testing dates (class or ACT type).

It is highly recommended that ALL students bring their own calculator to class every day. We realize there is an expense involved, but we feel it is worth it. These calculators are very durable and will last many, many years, even with the minimum of care.

There are several options to buy new or used calculators. If you are having trouble locating a vendor, contact your student's math teacher. At school, we use Amazon to purchase new calculators and EBay to purchase well maintained used calculators.

Each classroom currently has a small set of calculators a student may borrow in the event of an emergency. These are given on a first come, first served basis. These are for classroom use only and are not to be taken home.



MUSIC

Music is a unique form of communication that can change the way students feel, think and act. Music forms part of an individual's identity and positive interaction with music can develop pupils' competence as learners and increase their self-esteem. Music brings together intellect and feeling and enables personal expression, reflection and emotional development. As an integral part of culture, past and present, music helps pupils understand themselves, relate to others and develop their cultural understanding, forging important links between home, school and the wider world.

Music education encourages active involvement in different forms of music-making, both individual and cooperative, helping to develop a sense of group identity and togetherness. Music can influence pupils' development in and out of school by fostering personal development and maturity, creating a sense of achievement and self-worth, and increasing pupils' ability to work with others in a group context.

Music learning develops pupils' critical thinking skills: their ability to listen, to appreciate a wide variety of music, and to make judgments about musical quality. It also increases self-discipline, creativity, aesthetic sensitivity and fulfillment.

To that end, the Cloquet Senior High School music department provides a variety of performing and non-performing musical opportunities for all students. Academic courses offered include Concert Band, Varsity Band, Concert Choir, Varsity Choir, Madrigals, Jazz Studies, Music Technology and Composition, and College in the Schools Music Theory. Extracurricular non-credit performance organizations include Pep Band and Marching Band. *Students enrolled in music courses that meet for two semesters over the entire school year are expected to participate for the entire year.*

Concurrent enrollment is possible between Concert Band and Concert Choir. Students must apply and be accepted for this opportunity. To apply, 1). As registration nears, request and complete an application form from the band director or choral director. 2). Request approval of both the band and choral instructor for this opportunity. Have both instructors sign off indicating approval on the application form. If approval is granted, then 3). Request a time for an entrance audition into the ensemble you are seeking concurrent enrollment. If the audition is successful and you are accepted to participate in this opportunity, bring the acceptance verification to registration, signed by both directors, and the form will be attached to the registration document. Accepted students will be enrolled in Band/Choir by the guidance office following registration. Because students will be alternating class periods between band and choir, students will receive .5 credits in each class. Accepted students are to participate in both organizations for the entire year.

0100 CONCERT BAND A and 0102 CONCERT BAND B

2 Semesters

Grades 10-12

Meets the ARTS State Graduation Requirement

Prerequisites: *Cloquet Varsity Band or equivalent. If new to the district, the prerequisite will be an audition with the director.*

Concert Band members will have the opportunity to perform a wide variety of band literature representing many contrasting styles and historical periods. Class emphasis will be on furthering the development of instrumental and ensemble performing skills. Students will participate in a variety of activities to increase individual musical skills and understandings. All Concert Band members will be members of the Pep Band and may also elect to be a part of the Lumberjack Marching Band; the two extracurricular band ensembles responsible for performances at athletic and community events. The Concert Band will present three concerts during the school year.

0120 VARSITY BAND A and 0122 VARSITY BAND B

2 Semesters

Grade 9

Meets the ARTS State Graduation Requirement

Prerequisites: *Completion of Cloquet Middle School Band curriculum or equivalent. If new to Cloquet, the prerequisite will be an audition with the director.*

The Varsity Band is open to all freshmen (9th grade) students who play a wind or percussion instrument and have completed the Cloquet Middle School Band curriculum or equivalent. The fundamentals of basic musicianship will be emphasized in each class and expanded upon to more advanced levels of musicianship. Students will participate in a variety of activities to increase this understanding including individual or small group lessons (provided by the band instructor) as well as small ensemble/large ensemble rehearsal and performance experiences. There are no auditions for seating within the Varsity Band. The Varsity Band will present three concerts during the school year.

0200 CONCERT CHOIR A and 0202 CONCERT CHOIR B

2 Semesters

Grades 10-12

Meets the ARTS State Graduation Requirement

Prerequisites: *Varsity Choir or equivalent. If new to the district, the prerequisite will be an audition with the director.*

Concert Choir is an advanced mixed choral ensemble open to singers in grades 10, 11, and 12. Membership will be determined by audition prior to registration. Students will learn to sing within a large ensemble and have the opportunity to go on tour once every three years. Instruction will consist of music theory, sight-reading, performance skills, proper vocal technique, and learning a wide variety of choral literature. Concert Choir will present a Winter Concert, Mid-Winter Concert and Spring Concert in addition to performing at contests, exchange concerts, and at Commencement.

0240 VARSITY CHOIR A and 0242 VARSITY CHOIR B

2 Semesters

Grade 9

Meets the ARTS State Graduation Requirement

Prerequisites: *Completion of Middle School Choral Curriculum or equivalent. If new to the district, the prerequisite will be an audition with the director.*

Varsity Choir is an intermediate mixed choral ensemble open to all freshman (grade 9) who have completed the Middle School Choral Curriculum. Students will learn to sing within an ensemble and develop fundamentals of basic musicianship. Instruction will consist of music theory, sight-reading, performance skills, proper vocal technique, and learning a wide variety of choral literature. Varsity Choir will present a Winter Concert, Mid-Winter Concert and Spring Concert. Private or small group lessons will be scheduled for each student.

0250 MADRIGALS A and 0252 MADRIGALS B

2 Semesters

Meets the ARTS State Graduation Requirement

Prerequisites: *Members of Madrigals must be in Concert Choir or Concert Band and must audition with the director. This course is .25 credits per semester because it shares time with lunch.*

Madrigals is an auditioned small ensemble open to members of Concert Choir. Students in this advanced ensemble will further develop independent musicianship skills, performance skills and vocal techniques through studying a variety of Choral Literature. Students will present a Winter Concert, Mid-Winter Concert and Spring Concert in addition to performing at contests and exchange concerts. Students will also perform at many community events throughout the year. This ensemble meets every day for ½ period during lunch/study A.

0350 COLLEGE MUSIC THEORY A* and 0352 COLLEGE MUSIC THEORY B*

1 (A) Semester OR 2 (A&B) Semesters

Grades: 10, 11, 12.

Meets the ARTS State Graduation Requirement

College in the Schools Information: Please see “College in the Schools Student Eligibility” for Fond Du Lac Tribal & Community College (page 10) for specifics concerning College in the Schools eligibility.

Students may enroll in A* only for no college credit.

Weighted Grade*

ATTENTION STUDENTS: *You must have a 3.0 cumulative GPA as a junior or a 2.5 cumulative GPA as a senior to take this course. To receive college credit, students must enroll in both A & B and meet College in the Schools student eligibility requirements for FDLT & CC.*

In the first semester, the student will gain a solid understanding of the fundamentals of music necessary for the continued serious study of music at any collegiate institution. Students will learn how to converse intelligently about music and gain a functional use of basic theoretical skills through in-depth studies of basic music skills (notation, meter, rhythm, key signatures, scales, triads), as well as basic tonal harmony and composition. During semester two, students will complete an in depth study of advanced tonal harmony (arranging and composing in four part harmony), ear training, piano skills, composition, and musical analysis. The history and development of musical forms will be examined through the use of recordings and written scores. Students will be taught the use of the Finale computer music notation software program and will use Finale to complete assignments and compose music.

0360 MUSIC TECHNOLOGY AND COMPOSITION

1 Semester

Grades 9 – 12

Meets the ARTS State Graduation Requirement

Limited to 15 students per semester

In this course, you will learn the processes by which music is formed and transmitted – composition, improvisation, performance, editing, and publication.

During the first quarter, you will learn appropriate knowledge of harmony, form and score-reading; these will enable you to develop technical skills in tasks such as transcribing, editing, and composing music. Specific assignments will be given to you to help you develop your own artistic ideas in each of those task areas. During the second quarter, you will be given the opportunity to expand those ideas into larger scale compositions with the possibility of showcasing your work in public concert or on the internet. To accomplish this, you will learn the use of many different music technologies including but not limited to:

Finale 2014, Protools 11, Mixcraft 6, Audacity, ASV4U, Google Tools, and Gimp.

By using these different tools, you will build your own media rich local and web-based environments to be shared with only the class or everyone. Final projects will include producing a CD from creation to production and building a media rich web environment that can stand alone or be used in conjunction with your web page.

In addition, every composer needs to know the legal, personal and social rights connected with her/his artistic product. While you are creating compositions we will also conduct in class explorations of US copyright law, the process of copyright registration, fair use/public domain, ownership rights in relation to creative work, how copyright law is enforced and the contribution the arts make to the US economy.

0370 JAZZ STUDIES, IMPROVISATION: A BEGINNING

1 Semester

Grades 10 – 12

Meets the ARTS State Graduation Requirement

I would like to learn to improvise. Where do I start? This class will provide a common sense approach to improvisation that will improve your musicianship, develop your improvisation skills in a variety of musical styles, and define relationships among improvisation, reading, and composition. While it is beneficial for students to have performance ability on a keyboard, acoustic, or electric string, percussion (drum set), or wind instrument, it is not necessary. Those students not proficient on a performance instrument will have the opportunity to work with the music notation program Finale 2012 to help develop their improvisational ideas. Part of this course will also include a survey of legendary jazz performers of the 20th century and the music they made. Understanding the development of the 20th century popular music can help listeners better understand and appreciate the popular music we currently enjoy.

0380 UKULELE

1 Semester

Grades 9 – 12

Meets the ARTS State Graduation Requirement

Have you ever wanted to learn an instrument, but thought it would be too much work? Have you ever wanted to Jam with your friends around a campfire, but didn't know an instrument you could play? Have you ever wanted to serenade a friend or significant other, but felt the tuba was a bit too aggressive? You're in luck!! Spend a semester learning the Ukulele. We'll have the opportunity to learn music by such artists as; Tiny Tim, Jeremy Messersmith, Elvis Presley, Lady Gaga, and countless traditional folksongs.

Through the Ukulele we'll explore listening skills, music literacy, performance skills, song writing, and improvisation. Don't miss your chance!

OFF CAMPUS COURSES

SITE LOCATION: FOND DU LAC TRIBAL & COMMUNITY COLLEGE

8091 HEALTH OCCUPATIONS*

¼ Credit

Grade 11-12

Prerequisites: To be taken with Emergency Response/First Responder and Accuplacer Test

Weighted Grade*

ATTENTION STUDENTS: You must have a 3.0 cumulative GPA as a junior or a 2.5 cumulative GPA as a senior to take this course.

In this course, students will explore the various health careers available. Job descriptions and education requirements of different occupations in the healthcare field will be explained. Students will explore the broad topics applicable to all healthcare fields.

8095 EMERGENCY RESPONSE/FIRST RESPONDER*

¼ Credit

Grade 11-12

Prerequisites: To be taken with Health Occupations and Accuplacer Test

Weighted Grade*

ATTENTION STUDENTS: You must have a 3.0 cumulative GPA as a junior or a 2.5 cumulative GPA as a senior to take this course.

The content and activities of this course will prepare participants to make appropriate decisions about the care required in an emergency. The course teaches the skills a First Responder needs to act as a crucial link in the emergency medical services system. Upon successful completion the student shall receive American Red Cross certification in Emergency Response. The course is EMSRB certified.

8093 INTRODUCTION TO NURSING*

¼ Credit

Grade 11-12

Prerequisites: To be taken with Medical Terminology and Accuplacer Test

Weighted Grade*

ATTENTION STUDENTS: You must have a 3.0 cumulative GPA as a junior or a 2.5 cumulative GPA as a senior to take this course.

This course introduces the concepts of basic human needs, health/illness continuum and basic nursing skills. It is designed to prepare the student for entry level employment as a Nursing Assistant and serves as an introduction to the nursing sequence for students who decide to advance in the nursing profession. This course meets the Minnesota Department of Health requirements. Successful completion of this course prepares students for the Minnesota Nursing Assistant Test-Out. Students must take the state test to be registered as a Nurse Assistant.

8094 MEDICAL TERMINOLOGY*

¼ Credit

Grade 11-12

Prerequisites: To be taken with Introduction to Nursing and Accuplacer Test

Weighted Grade*

ATTENTION STUDENTS: You must have a 3.0 cumulative GPA as a junior or a 2.5 cumulative GPA as a senior to take this course.

This course is designed to enhance basic word attack skills and medical vocabulary for students and workers in the allied health sciences.

PHYSICAL EDUCATION

***If a student fails or is cut from their Physical Education class, they must wait until the following year to repeat/makeup this class.**

0475 Fitness Training 1

Prerequisites: None

Grade: 9, 10, 11, 12

Length: 1 semester

Meets Requirement for: Physical Education

This course is designed as a basic introduction course into the techniques and skills of weight training and cardiovascular conditioning. Students will be introduced to weight equipment and a personal fitness program. Please note, running and stretching will be a required part of this class.

0480 Fitness Training 2

Prerequisites: Fitness Training 1

Grade: 9, 10, 11, 12

Length: 1 Semester

Meets Requirement for: Physical Education

This weight training and conditioning course is a continuation of Fitness Training 1. Main areas of focus include weight training and cardiovascular conditioning. Students will learn to use weight equipment appropriately and follow a personal fitness program.

0485 Personal Wellness

Prerequisites: None

Grade: 9, 10, 11, 12

Length: 1 Semester

Meets Requirement for: Physical Education

This course is a blend of physical activity and classroom instruction (minimal). Students will participate in a variety of activities such as group fitness, yoga, yoga HIIT, resistance bands, and circuit training. Classroom instruction will include nutrition, sleep habits, self-reflection journals, mindfulness, and basic personal wellness.

0490 Lifetime Sports

Prerequisites: None

Grade: 9,10,11,12

Length: 1 semester

Meets Requirement for: Physical Education

Students will engage in Lifetime Activities that will help them to enhance their overall well being and understand the rules and skills needed for the following activities: badminton, pickleball, tennis, bowling, Corn hole, shuffleboard, table tennis, archery, bocce' ball, snow shoeing, cross country skiing, yoga, aerobics and resistance training, walking, and jogging.

0495 Individual and Team Sports

Prerequisites: None

Grade: 9,10,11,12

Length: One semester

Meets Requirement for: Physical Education

This class is geared towards the student with a competitive edge. Students will understand and apply the advanced rules and skills needed to play the following sports: Softball, touch/flag football, soccer, lacrosse, broomball, floor hockey, speedball, ultimate frisbee, volleyball, basketball, handball, badminton, and pickleball.

0462 Unified PE Experience

1 Semester

Grades 9-12

Prerequisites: None

This combined General Education and Adapted Physical Education class will allow students to improve performance of self and others in recreational and fitness activities. Students will have the opportunity to participate in and make modifications for themselves and/or others in units of adventure education, outdoor recreational activities, indoor recreational activities, movement activities, and fitness activities. They will also have the opportunity to participate in the Unified Sports of soccer, basketball, track and field, and softball. Students will leave this class with a greater knowledge of how to analyze barriers and modify physical activity patterns appropriately, as needed. Through ongoing leadership opportunities, members of this course will be empowered to help create a more inclusive and accepting school environment for all students.

HEALTH

0500 HEALTH

1 Quarter

Grade 9

Prerequisites: None

This course is part of the 9th grade Physical Education requirement. Students study selected topics which are related to Nutrition and Emotional Health, Drug Awareness, On-the-Spot First Aid and CPR. This class meets every day for one quarter and receives a quarter (1/4) credit towards graduation.

SCIENCE

Science courses at Cloquet High School are designed to develop scientifically literate individuals capable of making informed decisions in our ever increasingly scientific and technological society. Students are required to earn a minimum of 3 credits for graduation by taking 2 semesters of Exploring Earth Systems, 2 semesters of either General or Advanced Biology, and 2 semesters of General or College Chemistry OR General or College Physics. The University of Minnesota, and the Minnesota State College University system both require at least three years of laboratory based science for admission. All CHS science courses are laboratory based. Below is the recommended progression of science courses. (*see specific courses for prerequisites*)

GRADE 9	GRADE 10	GRADE 11	GRADE 12
REQUIRED	REQUIRED	REQUIRED	ELECTIVES
Exploring Earth Systems Or Essentials of Exploring Earth Systems	General Biology OR Advanced Biology OR Essentials of Biology	General Chemistry OR College Chemistry OR Essentials of Chemistry	General Physics College Physics Human Anatomy & Physiology Modern Science

GRADE 9

8004 EXPLORING EARTH SYSTEMS A and 8006 EXPLORING EARTH SYSTEMS B

2 Semesters

Grade 9

Exploring Earth Systems is a two-semester course for all Grade 9 students, which earns a total of one required credit toward graduation, and is a prerequisite course for all other science courses. Earth is a complex set of systems of interacting physical, chemical and biological processes. This hands-on course investigates each system including: atmosphere (air), geosphere (land), hydrosphere (water), biosphere (life), anthroposphere (human dimension), and exosphere (space). Time scales are included as an aspect of how processes and phenomena occur within Earth systems. Students will develop and use models, explore information using a variety of formats and use evidence, data, scientific reasoning and ask questions. This laboratory-based course emphasizes science as a process for understanding the natural world through observation and experimentation, and critical analysis of experimental data. It includes development of measurement and laboratory skills, and safe use of laboratory equipment. In addition, students will gain a basic knowledge of the foundational concepts necessary for understanding the scientific disciplines of physics, chemistry, and biology.

Exploring Earth Systems A

Prerequisite: None

The first semester focuses on introducing Earth Systems, surface and groundwater, soils, erosion, glaciers, and Earth history. development of measurement and laboratory skills, and safe use of laboratory equipment. Students also develop reasoning and problem-solving skills through the analysis of experimental data. In addition, fundamental laws and characteristic properties of matter are presented.

Exploring Earth Systems B

Prerequisite: Exploring Earth Systems A

Students continue to explore interactions between Earth systems, and weather, climate, oceanography, formation of the Universe, and human impacts on Earth systems. develop scientific skills and understanding of the foundational concepts necessary for further scientific study.

8000 ESSENTIALS OF EXPLORING EARTH SYSTEMS A and 8002 ESSENTIALS OF EXPLORING EARTH SYSTEMS B

2 Semesters

Grade 9

Essentials of Exploring Earth Systems A and B is a two semester sequence designed for students considering non-science related careers. Reading support and specific vocabulary instruction are included to ensure students access grade level content. Successful completion earns 1 required credit toward graduation and meets the state earth science graduation requirement. See more details about the content of course in the Exploring Earth Systems description above.

Essentials of Exploring Earth Systems A –

Prerequisite: None

The first semester focuses on introducing Earth Systems, surface and groundwater, soils, erosion, glaciers, and Earth history. development of measurement and laboratory skills, and safe use of laboratory equipment. Students also develop reasoning and problem-solving skills through the analysis of experimental data. In addition, fundamental laws and characteristic properties of matter are presented.

Essentials of Exploring Earth Systems B –

Prerequisite: Exploring Earth Systems A or Essentials of Exploring Earth Systems A

Students continue to explore interactions between Earth systems, and weather, climate, oceanography, formation of the Universe, and human impacts on Earth systems. develop scientific skills and understanding of the foundational concepts necessary for further scientific study.

GRADE 10

8024 ESSENTIALS OF BIOLOGY A and 8025 ESSENTIALS OF BIOLOGY B

2 Semesters

Grade 10

Prerequisites: Exploring Earth Systems A and B or Essentials of Exploring Earth Systems A and B

Essentials of Biology A and B is a two semester sequence designed for students considering non-science related careers. Reading support and specific vocabulary instruction are included to ensure students access grade level content. Successful completion earns 1 required credit toward graduation and meets the state biology graduation requirement.

Essentials of Biology A – This semester explores the environment and the impacts humans have on it, ecological relationships, the chemistry of life and begins the study of cellular biology.

Essentials of Biology B – This semester continues the study of cellular biology with cell replication, genetics and evolution, and concludes with the study of the human body.

8010 GENERAL BIOLOGY A and 8012 GENERAL BIOLOGY B

2 Semesters

Grade 10

Prerequisites: Exploring Earth Systems A and B

General Biology A and B is a two semester sequence designed for students considering non-science related careers. Successful completion earns 1 required credit toward graduation and meets the state biology graduation requirement.

General Biology A – This semester explores the environment and the impacts humans have on it, ecological relationships, the chemistry of life and begins the study of cellular biology.

General Biology B – This semester continues the study of cellular biology with cell replication, genetics and evolution, and concludes with the study of the human body.

8020 ADVANCED BIOLOGY A* and 8022 ADVANCED BIOLOGY B*

2 Semesters

Grade 10

Prerequisites: Exploring Earth Systems A and B and teacher recommendation or waiver application.

Weighted Grade*

Note: *To remain in Advanced Biology, students must maintain at least a C grade point average in the course and make adequate quarterly progress on their research project.*

Advanced Biology A and B is a two semester sequence intended for students considering a science related career. Successful completion earns 1 required credit toward graduation and meets the state biology requirement. It follows the same course outline as General Biology, but emphasizes the molecular level of organization of living things. Additionally, students are expected to work at an accelerated pace and more independently – including doing extra/extended labs and research during lunch study time.

Advanced Biology A – This semester explores the incredible diversity of life, its interactions with the environment, and begins the study of cellular biology.

Advanced Biology B – This semester continues the study of cellular biology with genetics and evolution, and concludes with the study of the human body.

GRADES 11 & 12

8030 GENERAL CHEMISTRY A and 8032 GENERAL CHEMISTRY B

2 Semesters

Grades 11-12

Prerequisites: Biology A&B

Chemistry A and B is a two semester sequence designed for students with general interests and for students planning on a technical school or non-science college plans. The course content will include a combination of laboratory investigations, project activities, topic discussions and skill-sheet work. Minnesota colleges and universities typically require 3 lab-based science classes as a background for admission.

Chemistry A – This semester explores the composition, properties, and changes in matter. Laboratory work will be focused on making accurate observations and measurements. Concepts will be organized into 3 units of study: measurement and classification of matter; nomenclature and composition of compounds; and chemical changes.

Chemistry B – This semester uses the atomic, kinetic, and molecular theory concepts to investigate the applications of chemistry in the environment and in industry. Concepts will be organized into 3 units of study: atomic theory of elements; kinetic theory and gases; and applied chemistry in society.

8041 ESSENTIALS OF CHEMISTRY A and 8043 ESSENTIALS OF CHEMISTRY B

2 Semesters

Grade 11

Essentials of Chemistry is a modeling-based learning approach to developing major chemistry concepts. It incorporates laboratory experiments, classroom discussion, and authentic projects as well as traditional lectures and hands-on activities. Basic principles included are energy, gas laws, chemical composition, and characteristics of chemical reactions, acid-base behavior. This course enables students to develop their qualitative skills and their communication skills. Students will be able to demonstrate an understanding of how chemical principles are applied to “real world” problems and processes. Topics in the media and popular culture will be used as a platform for discussing chemistry principles.

8040 COLLEGE CHEMISTRY A* and 8042 COLLEGE CHEMISTRY B*

2 Semesters

Grades 11-12

Prerequisites: Biology A&B, Accuplacer Test

Weighted Grade*

Fond du Lac Tribal & Community College credits may be earned (two semesters must be taken in order to earn credit).

ATTENTION STUDENTS: You must have a 3.0 cumulative GPA as a junior or a 2.5 cumulative GPA as a senior to take this course. Minnesota Colleges and Universities typically require 3 lab-based science classes as an admission requirement.

College Chemistry A and B (College in the Schools program) is a two semester sequence designed for students with career interests in science, engineering, medicine, etc. This chemistry course is a mathematics-based analytical study of the principles of general chemistry and it has the pace, rigor, and expectations of a freshman college chemistry class. Laboratory activities will be focused on measurement processes and the application of chemical and quantitative models:

College Chemistry A explores the composition, properties, and changes in matter and is organized into three units of study: Measurement & Matter, Atomic Theory and the electron and Quantum Theory, Nomenclature and Chemical Changes.

College Chemistry B explores the atomic and molecular aspects of matter and is organized into three units of study: Chemical Reactions, Equation Stoichiometry, and Gas Laws.

Students may register to receive 5 semester college credits through Fond du Lac Tribal and Community College (General Chemistry I CHEM1010). Students must complete both semesters to receive the 5 credits. This course will provide general education credits suitable for transfer to four-year degree programs. It will serve as a base of knowledge for more advanced studies in the physical and biological sciences.

8074 MODERN SCIENCE

1 Semesters

Grades 11-12

Prerequisites: Biology

A study of modern cutting edge Science and Technology breakthroughs, their impacts in Society, and ethical implications with implementation. Topics such as Artificial Intelligence, Biotechnology, Driverless Vehicles, Robotics, Energy and Power Technologies, and Climate Solutions will be covered along with Current Affairs of Science Topics in the news.

GRADES 12

8050 GENERAL PHYSICS A and 8052 GENERAL PHYSICS B

2 Semesters

Grade 12

Prerequisites: Chemistry A&B, Biology A&B,

ATTENTION STUDENTS: Minnesota Colleges and Universities typically require 3 lab-based science classes as an admission requirement.

General Physics A and B is a two semester sequence designed for students planning on a technical school or non-science college plans. This Physics course is a conceptually-based study of the principles of general physics, some basic mathematical applications will be used in the physics ideas. Laboratory and project activities will be focused on measurement processes and the application of kinematic and dynamic models.

General Physics A is organized into three units of study: Measurement & the Scientific Method, Motion, and Forces

General Physics B is organized into three units of study: Work and Energy, Waves & Sound, Light & Optics

8060 COLLEGE PHYSICS A* and 8062 COLLEGE PHYSICS B*

2 Semesters

Grade 12

Prerequisites: Chemistry A&B, Biology A&B, Accuplacer Test

Weighted Grade*

Fond du Lac Tribal & Community College credits may be earned (*two semesters must be taken in order to earn credit.*

ATTENTION STUDENTS: You must have a 3.0 cumulative GPA as a junior or a 2.5 cumulative GPA as a senior to take this course. Minnesota Colleges and Universities typically require 3 lab-based science classes as an admission requirement.

College Physics A and B (College in the Schools program) is a two semester sequence designed for students with career interests in science, engineering, medicine, etc. This Physics course is an algebra-based analytical study of the principles of general physics and it has the pace, rigor, and expectations of a freshman college physics class. Laboratory activities will be focused on measurement processes and the application of kinematic and dynamic models.

College Physics A explores vector descriptions, kinematic and dynamic concepts of motion, and is organized into four units of study: Measurement & Vectors, Motion & Kinematics; Force & Dynamics, and Work & Momentum.

College Physics B explores the concepts of energy and wave theory and is organized into three units of study: Thermodynamics, simple Harmonic Motion & Sound, Light & Special Topics

Students may register to receive 4 semester college credits through Fond du Lac Tribal and Community College (Introduction to Physics I PHYS 1001). Students must complete both semesters to receive the 4 credits. This course will provide general education credits suitable for transfer to four-year degree programs. It will serve as a base of knowledge for more advanced studies in the physical and biological sciences.

8070 HUMAN ANATOMY AND PHYSIOLOGY A* and 8072 HUMAN ANATOMY AND PHYSIOLOGY B*

2 Semesters

Grade 12

Prerequisites: Chemistry A&B, Accuplacer Test

Weighted Grade*

Fond du Lac Tribal & Community College credits may be earned (*each semester earns 4 credits*).

ATTENTION STUDENTS: You must have a 2.5 cumulative GPA as a senior to take this course.

Human Anatomy and Physiology A and B is a two semester sequence designed for those students who desire a rigorous, in depth study of the human body as a background for future training in health related careers. Successful completion earns 1 credit toward graduation and 8 semester credits from Fond du Lac Tribal and Community College. The course will utilize lecture with supporting laboratory investigations including dissections.

Human Anatomy and Physiology A – This semester will study the Integumentary, Skeletal, Muscular, and Nervous systems.

Human Anatomy and Physiology B – This semester will study the Endocrine, Cardiovascular, Immune, Respiratory, Digestive, Urinary, and Reproductive system.

SOCIAL STUDIES

Intro to Criminal Justice and/or Psychology and/or Economics of Personal Finance may be taken as electives	←	GRADE 9	→	GRADE 12		Intro to Criminal Justice and/or Psychology and/or Economics of Personal Finance may be taken as electives
		World History A & B		American Government OR College in the Schools American Government		
		GRADE 10		AND		
		United States History A & B		Economics OR College in the Schools Economics		
		GRADE 11				
		World Challenges and Geography A & B				

All students must register for two semesters of Social Studies at their grade level each year.

Remediation and summer school credits are to be used to make up previously lost credit. They are not to be used in lieu of prescribed future courses. World History, United States History, World Challenges and Geography, American Government or College in the Schools American Government, and Economics or College in the Schools Economics are required courses for graduation.

The senior College in the Schools Economics course for UMD credit is available. Also available is the senior College in the Schools American Government.

GRADE 9

9000 WORLD HISTORY A and 9002 WORLD HISTORY B

2 Semesters

Grade 9

Prerequisites: None

World History is a two-semester, required course for all freshmen. It presents a survey of the history of western civilization beginning with pre-agricultural societies and continuing to the modern era. Units In the first half (A) include the study of ancient man, early Mesopotamian and Egyptian accomplishments, classical Greece and Rome, the Middle Ages, the Reformation and the Renaissance.

The second half (B) begins with the Age of Discovery and continues with the Industrial Revolution, the Rise of Capitalism and Communism, Imperialism, World War I, World War II and the Holocaust. Basic study and test-taking skills development is embedded in both halves of this class.

GRADE 10

9100 UNITED STATES HISTORY A and 9102 UNITED STATES HISTORY B

2 Semesters

Grade 10

Prerequisites: None

American History is a two-semester required course for all sophomores. Our goal is to “provide a useful and thought-provoking experience in which students are engaged in the application of evidence in order to make reasoned arguments about the past. Students will see history as a discipline driven by facts, understand the nature of historical evidence to be able to analyze a variety of sources and apply them to historical questions, and develop and defend evidence-based interpretations of the past”. Students will learn and apply these skills through the study of Colonial America in 1607 through the Cold War culture and Civil Rights movement of the 1960s.

GRADE 11

9200 WORLD CHALLENGES & GEOGRAPHY A and 9202 WORLD CHALLENGES & GEOGRAPHY B

2 Semesters

Grade 11

Prerequisites: None

This is a two-semester course with dual purpose. First, students will expand their geographic knowledge of the world. Second, students will be engaged in thought-provoking investigations of America’s place, behavior and relationships in the world community of nations. Although this is a current events-based class, students will be guided through in-depth explorations of the historical backgrounds of modern-day news stories.

GRADE 12

9300 FRAMEWORK OF AMERICAN GOVERNMENT

1 Semester

Grade 12

Prerequisites: None

The governmental structure of the United States will be studied in this one-semester course with special emphasis upon the Constitution and the three branches of government. Students will also study American political parties and their role in American society. Other units to be covered are Crime and Justice, State and Local Government, and Comparative Political Systems.

9310 COLLEGE AMERICAN GOVERNMENT*

1 Semester

Grade 12

Prerequisites: Accuplacer Test and 2.5 GPA

Weighted Grade*

Fond du Lac Tribal & Community College Credit may be earned

ATTENTION STUDENTS: You must have a 3.0 cumulative GPA as a junior or a 2.5 cumulative GPA as a senior to take this course.

This is a rigorous one-semester course developed in conjunction with Fond du Lac Community College as an in-depth investigation of the function and structure of the government of the United States. Special emphasis will be placed on the historical underpinnings of our Constitution as well the interplay between the three branches of government. Attention will be paid to political parties, the justice system, elections, and current government issues.

Credits from Fond du Lac Tribal & Community College will be granted upon successful completion of this course.

9320 ECONOMICS

1 Semester

Grade 12

Prerequisites: None

A basic understanding of both micro economic and macro economic principles and ideas is emphasized in this one-semester course. Students will also examine the practical side of personal economic decision-making.

9325 ECONOMICS OF PERSONAL FINANCE

1 Semester

Grade 9-12

Prerequisites: None

This money course is relevant to all high school students interested in making smart financial choices. Topics include financial goal-setting and budgeting, banking, career choices, paychecks, tax, consumer credit, investing, saving, buying a car, and other important financial topics.

9330 COLLEGE IN THE SCHOOLS ECONOMICS*

1 Semester

Grade 12

Prerequisites: Must have a minimum 3.0 cum GPA

Weighted Grade*

University of Minnesota Duluth Credit may be earned.

Three transferable college credits from UMD will be granted upon satisfactory completion. This course is equivalent to the UMD Liberal Arts course Economics and Society (Econ 1003). Major topics include: scarcity, economic systems in the world, supply and demand, cost and profit, market structures, externalities, microeconomic and macroeconomic decision making, monetary and fiscal policy, measurement of the US and world economies, Federal Reserve System and role of central banking, international trade, and evolution of money including currency valuation.

9500 PSYCHOLOGY

1 Semester

Grades 11 – 12

Prerequisites: None

Our behavior is determined by many factors. How we behave now, and what we become in the future are influenced not only by our biological makeup as determined by nature, but also by environmental conditions such as childhood experiences, peer interaction, deeply-held beliefs about ourselves and others, and messages directed at us from external sources. This class will explore the reasons why we are who we are and why we behave the way we behave. Although this class serves as a strong introductory course to the study of psychology for students wishing to pursue further course work in college, it is designed to be of high interest to all students. Tasks include hands-on project work, media awareness and analysis, in-class experiments, and field and research-oriented investigations designed to enhance academic literacy. Instructional method values and encourages self-directed study habits conducive to college success.

9510 INTRODUCTION TO CRIMINAL JUSTICE AND RELATED CAREERS*

1 Semester

Grades 11 – 12

Prerequisites: Accuplacer Test

Weighted Grade*

Fond du Lac Tribal & Community College Credit may be earned.

ATTENTION STUDENTS: You must have a 3.0 cumulative GPA as a junior or a 2.5 cumulative GPA as a senior to take this course.

Introduction to Criminal Justice and Related Careers will provide the basic information that should serve as an overview of the entire Criminal Justice System, as well as a solid foundation for future coursework.

You will be introduced to the history of law enforcement and its evolution since primitive times up to today. We will examine the Criminal Justice System in the United States; and the roles the police, courts, and corrections play in the Criminal Justice System.

SPECIAL EDUCATION

Students who receive special education services should consult with their case manager before registration. Most students will register for all the required classes for their grade level. Modifications and accommodations to the mainstream curriculum will be made according to each student's Individual Education Plan (IEP). The IEP is revised at least once a year at a team meeting which includes the parents, the student, the case manager, and other school personnel.

For questions about Special Education, contact the following teachers:

Kira Borgman, Cross-Categorical teacher
Yvonne Davis, EBD Teacher
Alan Denman, Cross-Categorical teacher
Lance Horvat, DCD S/P teacher
Jamie Baker, DCD S/P Teacher
Mariah Carlson, DCD M/M Teacher
Jessica Santti, SLD teacher
Eric Hanson, Cross-Categorical teacher
Lindsay Smith, Cross-Categorical teacher
Laura Shuster, Speech Language Pathologist

0410 UNIFIED PHYSICAL EDUCATION A and 0411 UNIFIED PHYSICAL EDUCATION B

1 Semester

Grades 9-12

Prerequisites: Referral by Regular/Special Education Instructors

This course is designed to meet the needs of special education students who cannot participate safely or successfully in regular physical education classes. The class focus will involve: physical fitness, conditioning, improving gross motor skills, and recreational and lifetime activities.

0430 DCD - PEER TUTORING SPECIAL EDUCATION STUDENTS

1 Semester

Grades 9 – 12

Prerequisites: Pre-approval required by Special Education teacher

This course is designed for students to work as peer tutors with students who have special needs in a DCD resource class. The training and experience the student will receive is beneficial for careers in teaching special education, group home work/director, social services and paraprofessional work. The number of student aides will be determined by the needs of students in the class.

0408 ADAPTIVE SWIMMING A	Semester 1
0409 ADAPTIVE SWIMMING B	Semester 2
0700 RESOURCE SOCIAL SKILLS A	Semester 1
0701 RESOURCE SOCIAL SKILLS B	Semester 2
0740 RESOURCE MATH A	Semester 1
0741 RESOURCE MATH B	Semester 2
0750 RESOURCE ENGLISH A	Semester 1
0751 RESOURCE ENGLISH B	Semester 2
0759 RESOURCE SCIENCE A	Semester 1
0760 RESOURCE SCIENCE B	Semester 2
0768 TRANSITIONS - Freshman A	Semester 1

0769 TRANSITIONS - Freshman B	Semester 2
0770 TRANSITIONS - Sophomore A	Semester 1
0771 TRANSITIONS - Sophomore B	Semester 2
0772 TRANSITIONS - Junior A	Semester 1
0773 TRANSITIONS - Junior B	Semester 2
0774 TRANSITIONS - Senior A	Semester 1
0775 TRANSITIONS - Senior B	Semester 2
9991 RESOURCE STUDY HALL	Semester 1
9992 RESOURCE STUDY HALL	Semester 2

AVID

Advancement Via Individual Determination (AVID) is an academic elective course that prepares students for college readiness and success, and it is scheduled during the regular school day as a year-long course. Each week, students receive instruction that utilizes a rigorous college-preparatory curriculum provided by AVID Center, tutor-facilitated study groups, motivational activities, and academic success skills. In AVID, students participate in activities that incorporate strategies focused on writing, inquiry, collaboration, organization, and reading to support their academic growth. Additionally, students engage in activities centered around exploring college and career opportunities and their own agency.

99973 AVID 9

9th grade AVID Elective course will serve as a review of the AVID philosophy and strategies. Students will work on academic and personal goals and communication, adjusting to the high school setting. Students will increase their awareness of their personal contributions to their learning as well as their involvement in their school and community. There is an emphasis on analytical writing, focusing on personal goals and thesis writing. Students will work in collaborative settings, learning how to participate in collegial discussions and use sources to support their ideas and opinions. Students will prepare for and participate in college entrance and placement exams while refining study skills and test-taking, note-taking, and research techniques. They will take an active role in field trips and guest-speaker preparations and presentations. Their college research will include financial topics and building their knowledge of colleges and careers of interest.

***Entry into this course is dependent on submitting an application and being accepted. Contact AVID Coordinator Mr. Andrew Miller at 218-879-3393 x 1906 or amiller@isd94.org.**

99974 AVID 10

During the 10th grade AVID Elective course, students will refine the AVID strategies to meet their independent needs and learning styles. Students will continue to refine and adjust their academic learning plans and goals, increasing awareness of their actions and behaviors. As students increase their rigorous course load and school/community involvement, they will refine their time-management and study skills accordingly. Students will expand their writing portfolio to include analyzing prompts, supporting arguments and claims, character analysis, and detailed reflections. Students will also analyze various documents in order to participate in collaborative discussions and develop leadership skills in those settings. Students will expand their vocabulary use, continuing to prepare for college entrance exams. Text analysis will focus on specific strategies to understand complex texts. Lastly, students will narrow down their colleges and careers of interest based on their personal interests and goals.

***Entry into this course is dependent on submitting an application and being accepted. Contact AVID Coordinator Mr. Andrew Miller at 218-879-3393 x 1906 or amiller@isd94.org.**

99975 AVID 11

The 11th grade AVID Elective course is the first part in a junior/senior seminar course that focuses on writing and critical thinking expected of first- and second-year college students. In addition to the academic focus of the AVID seminar, there are college-bound activities, methodologies, and tasks that should be undertaken during the junior year to support students when they apply to four-year universities and confirm their postsecondary plans.

***Entry into this course is dependent on submitting an application and being accepted. Contact AVID Coordinator Mr. Andrew Miller at 218-879-3393 x 1906 or amiller@isd94.org.**

99976 AVID 12

The 12th grade AVID Elective course is the second part in a junior/senior seminar course that focuses on the writing and critical thinking expected of first- and second-year college students. Students will complete a final research essay project with research skills gained in their junior year in AVID. In addition to the academic focus of the AVID senior seminar, there are college-bound activities, methodologies, and tasks that should be achieved during the senior year that support students as they apply to four-year universities and confirm their postsecondary plans.

***Entry into this course is dependent on submitting an application and being accepted. Contact AVID Coordinator Mr. Andrew Miller at 218-879-3393 x 1906 or amiller@isd94.org.**