

Brainerd High School 2024-2025 Course Registration Catalog



WARRIORS



2024 - 2025 COURSE REGISTRATION CATALOG

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DIRECTORY

Principal, Andrea Rusk.....	218-454-6290
Assist. Principal, Nate Merseith (A-K).....	218-454-6203
Assist. Principal, Craig Kotsmith (L-Z).....	218-454-6202
Resource Officer, Drew Selvestra.....	218-454-6277
Activities Director, Jack Freeman.....	218-454-6301
Assistant Activities Director, Josh Fordyce.....	218-454-5371
Activities Office, Michelle Hilborn.....	218-454-6300
Special Education Coordinator, Christine Tangen....	218-454-6263
Licensed School Counselors,	
Allan Balsley (A - G).....	218-454-6320
Shelly Streed (H - N).....	218-454-6322
Katie Gobler-Anderson (O - Z).....	218-454-6321
Career and Pathways Consultant, Amy Sjoblad.....	218-454-5323
Collaborative Worker, Crystal Schmidt.....	218-454-6357
Registrar, Ashley Hansen.....	218-454-6206
Student Success Center, Michelle Cabrera.....	218-454-6298
Student Success Center, Lynnae Haines.....	218-454-6330
Attendance (A-K) Macie Mathews.....	218-454-5202
Attendance (L-Z) Shani Wolf.....	218-454-6299
General Information.....	218-454-6200

GRADING POLICY

Percent	Letter	GPA	WeightedGPA
93 and above	A	4.0	5.0
90.0-92.99	A-	3.7	4.7
87.0-89.99	B+	3.3	4.3
83.0-86.99	B	3.0	4.0
80.0-82.99	B-	2.7	3.7
77.0-79.99	C+	2.3	3.3
73.0-76.99	C	2.0	3.0
70.0-72.99	C-	1.7	2.7
67.0-69.99	D+	1.3	
63.0-66.99	D	1.0	
60.0-62.99	D-	0.7	
Under 60	F	0.0	

Weight GPA only applies to AP and PLTW classes

GENERAL INFORMATION

ACADEMIC RECOGNITION CRITERIA

Honors Graduate w/Distinction	3.80 GPA
National Honors Society (eligibility)	3.50 GPA
Fine Arts Scholar	3.50 GPA
Scholar Athlete	3.50 GPA
Honors Graduate	3.25 GPA

MN GRADUATION RULE INFORMATION

The Minnesota Graduation Rule requires credits, courses, and participation in state approved assessments. The credit and course requirements are included in the 44 credits required for graduation.

RIGOROUS COURSE WAIVER

Current law provides authority for local school boards to grant a rigorous course of study waiver (Minn. Stat. § 120B.021, Subd. 1(a)). Local school boards may grant a rigorous course of study waiver for a student who satisfactorily completes a rigorous course that meets or exceeds the corresponding academic standards required by law for high school graduation in Minnesota, and who would be precluded from participating in the rigorous course if the student were not waived from taking the required academic standard.

SCHOOL DAY SCHEDULE

Brainerd High School has a 7 period schedule. The intervention/enrichment time is called "WIN" and stands for "What I Need." WIN time can be for academic support, structured study, or participation in enrichment activities.

WIN DAY	NON-WIN DAY
1	1
2	2
WIN	3
3	4/LUNCH
4/LUNCH	5
5	6
6	7
7	

BHS GRADUATION REQUIREMENTS

CREDIT REQUIREMENTS: 44 CREDITS MINIMUM

Credits for graduation must include the requirements listed below:

Art.....	2 credits
English.....	8 credits
Math.....	6 credits
Science.....	6 credits
Social Studies..	7 credits
PE/Health.....	2 credits
Electives.....	13 credits

Note: Please review the registration forms in the back of this catalog for specific course requirements.

ART REQUIREMENT COURSE OPTIONS

2 credits required any time during grades 9-12:

APPLIED TECH CAD I

CAD II

Woodworking I

Woodworking II

Woodworking III

ENGINEERING CIS Intro to Engineering I

CIS Intro to Engineering II

CIS Principles of Engineering I

CIS Principles of Engineering II

FACS Interior Design

MUSIC All Music Courses

ARTS All Arts Courses

GRADUATION CEREMONY

Student participation in the graduation ceremony is a privilege, not a right.

- Students who have completed the requirements for graduation by the last day of school will be allowed to participate in commencement.
- Participation may be denied for appropriate reasons, which may include discipline.
- Graduation exercises are under the control and direction of building administration.
- Students are not allowed to participate in commencement if they quit attending any scheduled courses or will not have completed the required credits to graduate by the last day of school.

WARRIOR CAREER PATHWAYS

WARRIOR CAREER PATHWAYS TO YOUR FUTURE



Courses are aligned into five Warrior Career Pathways. When choosing a pathway, students should consider their interests and aptitudes.

If you like:

- Agriculture & Nature
- Using your creativity
- Business & Tourism
- Designing & Building
- Service & Helping Others

Explore this Pathway

- Agriculture, Food, and Natural Resources
- Arts, Communications, and Info Systems
- Business Admin, Management, & Marketing
- Engineering, Manufacturing, & Technology
- Health and Human Services

WHY WARRIOR CAREER PATHWAYS (WCP)?

The Warrior Career Pathway program is a community-wide effort to help students explore careers and plan for whatever they choose to do after high school. The pathway courses provide students with integrated and hands-on learning, focused on careers and connection to industry, with the following components:

- Career-related coursework.
- Career experiences (speakers, tours, career fairs, informational interviews, job fairs, internships, etc).
- Digital career portfolio within SchoolLinks, a comprehensive career and college online platform.
- Industry-recognized credential such as ServSafe, OSHA 10, CNA, etc.
- Access to dual credit courses that provide high school and college credit.

Students can explore the below 23 concentrations within each WcP. All pathways require a **core curriculum** of English, Math, Science, Social Science, PE/Health, and general electives. Click [HERE](#) for course requirements in each pathway.

Pathway	Concentration
Agriculture, Food and Natural Resources	Animal Science, Environmental Science, & Plant Science
Arts, Communications, and Info Systems	Game Design, Performing Arts, Video Productions, Visual Arts, & World Language
Business Admin, Management, and Marketing	Business and Finance, Culinary Arts, Entrepreneurship, & Marketing and Design
Engineering, Manufacturing, and Technology	Architecture, Aviation, Construction-Trades, Engineering, Mech Drafting, Power Mechanics, Welding, & Woodworking
Health and Human Services	Education, Health Sciences, & Law Enforcement

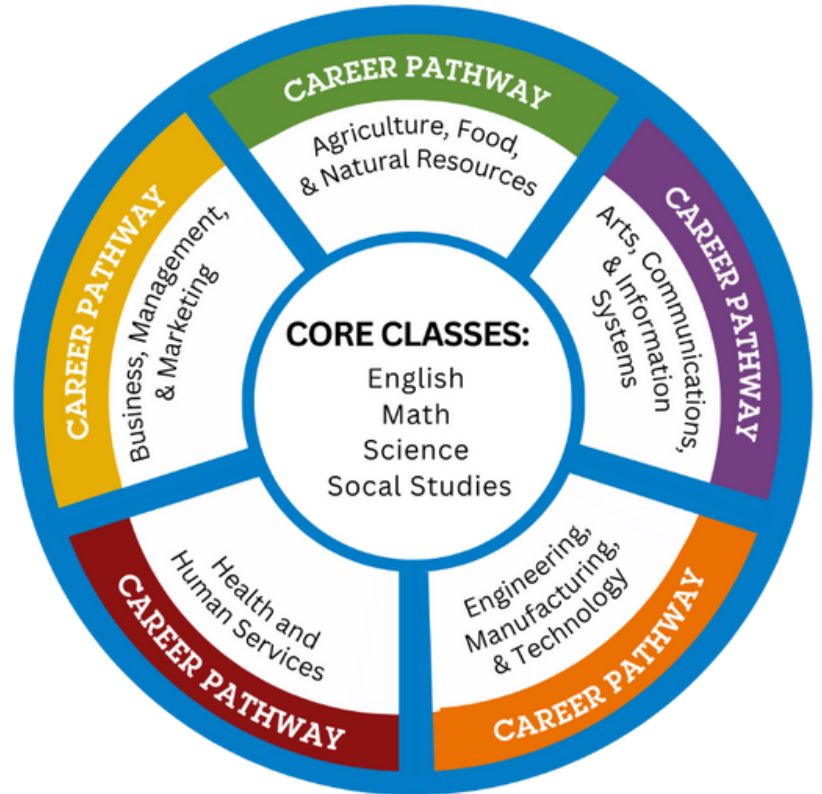
*Includes corresponding AP, CIS, Intensive, or online BHS courses. It applicable, contact your IEP Case Manager regarding comparable core classes. Transfer students may contact their School Counselor to inquire about equivalent high school courses taken elsewhere.

WARRIOR CAREER

CAREER CLUSTERS

Career Fields, which are identified in the segmented ring around Core Classes, are the organizing structure for the career clusters and pathways. The fields represent the broadest aggregation of careers. Students are normally exposed to career field exploration in middle school and early high school. Career fields have been identified as:

- **Agriculture, Food, and Natural Resources**
- **Arts, Communications, and Information Systems**
- **Business Admin, Management, and Marketing**
- **Engineering, Manufacturing, and Technology**
- **Health and Human Services**



Business, Management & Administration

- Intro to Business/Personal Finance
- Computer Applications
- Business Cooperative Work Seminar
- Business Cooperative Work Experience
- CIS Intro to Business Entrepreneurship
- Vocational Skills
- Work Seminar
- Service Learning
- Work Based Learning
- PAES Lab

Marketing

- Sports/Entertainment Marketing
- Hospitality
- Exploring Foods
- International Foods
- Creative Foods
- Culinary Arts I & II

Finance

- CIS Accounting I

Health Science Technology

- Health Wellness & Fitness
- Human Biology & CIS Human Biology
- CIS Medical Terminology
- Physical Education

Human Services

- Child Development
- Living on Your Own
- Psychology & AP Sociology
- Student Mentor

Education & Training

- Cooperative Work Experience
- Cooperative Work Seminar
- Department Assistant Opportunities

Law, Public Safety, Corrections & Security

- Criminal Justice

Government & Public Administration

- AP American Government
- AP Economics



Agriculture, Food & Natural Resources

- Intro to Animal Science
- Intro to Plant Science
- Equine Science
- Small Animal Science I
- Animal Science I & II
- Horticulture Science
- Greenhouse Production
- Ag Leadership
- Ag Work Experience Internship
- Natural Resource Science
- Research in Agriculture
- Environmental Science
- Wildlife Forensics
- Fundamentals of Agri-Science
- Agri-Science



Arts - Visual

- Intro to Visual Arts
- Drawing
- Artist's Books I & II
- Art Portfolio
- Decoy Design I & II
- Painting
- Pottery I & II
- Interior Design

Arts - Performing

- AP Music Theory
- Music Education; Band, Choir & Orchestra
- Drama 1A & 1B
- Audio/Video Technology
- Graphic Design
- Digital Photography
- Video Production I, II & III

Communication

- Creative Writing
- CIS Intro to Communications/Speech
- Digital Media Literacy
- Yearbook
- Interpersonal Communication

Communication – World Language

- American Sign Language I & II
- Spanish, I, II, III, IV, & AP

Information Technology

- Video Game Design I & II & III



Science, Technology, Engineering & Mathematics

- CIS Intro to Engineering Design CIS Principles of Engineering CIS Biological Engineering
- CIS Chemical Engineering
- CIS Civil Engineering & Architecture

Architecture & Construction

- Intro to CAD & Construction
- CAD I & II
- Construction I
- Woodworking I, II & III
- Construction Trades – Framing & Finishing

Manufacturing

- Intro to Metals & Motors
- Power Mechanics I
- Welding I, II, III & Fabrication

Transportation, Distribution & Logistics

- Aviation – Fundamentals
- Aviation – Private Pilot Ground School





Students have access to a comprehensive career and college online platform to explore careers and/or colleges, search employment and volunteer opportunities, complete career assessments to identify interests, apply for scholarships (if attending college) and more.

Parents/guardians can create a SchoolLinks account by obtaining a claim code from their student. For additional information, visit <https://www.schoollinks.com/>.

ADVANCED STANDING ARTICULATED CREDIT

Advanced Standing Articulated Credit (ASC) are career and technical courses that are developed by high school and college faculty. Courses present curriculum taught in the high school course, which matches content, taught in the college course. High school juniors and seniors who receive a grade of “A or B” in the course will earn credit which can be applied in a specific program of study at Central Lakes College (CLC).*

BHS Advanced Standing Articulated Credit (ASC) Courses:

AGRICULTURAL SCIENCE

- Greenhouse Production

APPLIED TECHNOLOGY

- Power Mechanics I
- Welding II
- Welding III & Fabrication

ARTS EDUCATION

- Graphic Design
- Yearbook A & B (yearlong course)

BUSINESS EDUCATION

- CIS Intro to Business
- CIS Accounting I

ENGINEERING EDUCATION

- CIS Intro to Engineering Design
- CIS Principles of Engineering

PHYSICAL and HEALTH EDUCATION

- CIS Medical Terminology

***For additional information, visit www.clcmn.edu/college-in-the-schools-cis/advanced-standing**

ADVANCED PLACEMENT (AP)

The Advanced Placement (AP) Program provides students the opportunity to take college level courses while attending high school. Academically motivated students are encouraged to register for AP courses, as success in AP remains a major benchmark used by colleges for admission decisions and as a predictor of future academic success. College credit may be awarded based on student performance on the comprehensive AP examination. Brainerd High School has offered AP courses for over two decades and has achieved national recognition based on student and staff performance.

Note: Students will receive a weighted grade only after successful completion of the course and participation in AP testing.

BHS Advanced Placement (AP) Courses:

ENGLISH

- AP English Language and Composition
- AP English Literature and Composition
- AP Seminar
- AP Research

MATHEMATICS

- AP Calculus
- AP Statistics

MUSIC

- AP Music Theory

SCIENCE

- AP Biology
- AP Chemistry
- AP/CIS Physics

SOCIAL STUDIES

- AP Human Geography
- AP World History
- AP US History

AP American Government

- AP Psychology

WORLD LANGUAGE

- AP Spanish

COLLEGE IN SCHOOLS (CIS)

Students can earn both high school and college credit through College in the Schools (CIS) courses offered at Brainerd High School.



CENTRAL LAKES COLLEGE (CLC)

Qualifications for enrolling in a CIS course:

- Students must be high school 11th graders or 12th graders.
- Students must have a 2.5 GPA as 12th graders or a 3.0 GPA as 11th graders.
- High school 10th graders in the top 10% of their class, have 3.5 GPA, and receiving a principal recommendation.
- Students must earn qualifying scores on the Accuplacer test, MCA reading test or the ACT reading or English test.



ST. CLOUD STATE
UNIVERSITY

ST. CLOUD STATE UNIVERSITY (SCSU)

- Students must be high school juniors or seniors.
- Juniors must be in the top 33% of their class –approximately 3.0 GPA. Seniors must be in the top 50% of their class – approximately 2.5 GPA.
- Some specific courses may require a higher admission standard; some courses have a prerequisite or require a placement test.



MINNESOTA STATE BHS COLLEGE IN THE SCHOOLS (CIS) COURSES

BUSINESS

- CIS Accounting I
- CIS Intro to Business

ENGINEERING

- CIS Intro to Engineering Design
- CIS Principles of Engineering
- CIS Biological Engineering
- CIS Chemical Engineering
- CIS Civil Engineering and Architecture

ENGLISH

- CIS Intro to Communication/Speech

MATHEMATICS

- CIS Intro to College Algebra
- CIS College Algebra
- CIS Pre-Calculus II

PHYSICAL and HEALTH EDUCATION

- CIS Medical Terminology*
- CIS Human Biology

SCIENCE

- CIS Biological Engineering
- CIS Chemical Engineering
- CIS Human Biology
- AP/CIS Physics I

WORLD LANGUAGES

- Spanish III

OTHER

- CIS Intro to Education*

***Exclusively offered as an online class**

NATIONAL COLLEGIATE ATHLETIC ASSOCIATION (NCAA)

Division I and Division II school athletes planning to participate in sports at the college level may need to register with the NCAA. It is important to plan early to make sure NCAA core course completion, ACT/SAT scores, and GPA requirements.

Visit their website for additional information.



POST-SECONDARY ENROLLEMENT OPTION (PSEO)

Postsecondary Enrollment Options (PSEO) is a program that allows 11th- and 12th-graders to earn college credit tuition free while still in high school, through enrollment in and successful completion of college courses. With traditional PSEO, these courses are generally offered on the campus of the postsecondary institution; some courses are offered online.

A Student may take a PSEO class(es) while enrolled at BHS if the following requirements are met:

- Eligibility for PSEO is based on overall GPA - 3.0 for 11th graders and 2.5 for 12th graders.
- Students and/or parents attend an information session prior to BHS Registration.
- Students have the option to enroll Full-time or Part-time PSEO

Full-time - All classes at the college level, at minimum of 10 credit hours.

Part-time - Some classes taken at the college level and some classes taken at BHS. Students must maintain full-time enrollment between the college & high school. (5 credit bearing classes)

PROJECT LEAD THE WAY



Project Lead the Way (PLTW) is a nationally accredited pre-engineering program. It is about applying engineering, science, math, and technology to solve complex, open-ended problems in a real-world context. Students focus on the process of defining and solving a problem, not on getting the "right" answer. They learn how to apply STEM knowledge, skills, and habits of mind to make the world a better place through innovation. Even for students who do not plan to pursue engineering after high school, the PLTW courses provide opportunities to develop highly transferable skills in collaboration, communication, and critical thinking, which are relevant for any coursework or career.

BHS Project Lead the Way Courses:

- CIS Intro to Engineering Design
- CIS Principles of Engineering
- CIS Biological Engineering
- CIS Chemical Engineering
- CIS Civil Engineering and Architecture

REGISTRATION INFORMATION

IMPORTANT REMINDERS

- Students need to review their choices carefully as the completed registration form is a “contract.” The registration choices will be used to plan the master schedule and staffing for the upcoming school year.
- Alternate choices are extremely important! If alternate courses are not listed, office staff will choose your alternate to complete your schedule. Please list 4 alternate courses.
- Students should review the Online BHS Course Registration Catalog with their parent/guardian to discuss courses and selections with them.
- Parents/guardians of 8th grade students are invited to attend an informational meeting in February.
- Grade 8 students will register online during their Social Studies class or with their case manager.
- Grade 9-11 students will register at their convenience during a 2-week window of open registration starting the end of February or beginning of March.
- Students taking a supplemental high school course through an approved online learning provider are required to attend a structured Study Center to work on their online assignments.

COMMONLY ASKED QUESTIONS

1. **What if I failed a course?** See your counselor or IEP case manager to determine if you are in need of summer school or the credit recovery program.
2. **Can I request my teachers?** No, School Board policy states that students/parents are not allowed to request specific teachers.
3. **Which math course should I take next year?** The Mathematics Education section of this catalog has an excellent flow chart that will help you make a good decision. Also, ask your math teacher for advice.
4. **Should I take math or science my senior year, even though I have met the requirement for graduation?** We strongly encourage you to take four years of math and science to prepare for college.
5. **Will an agricultural course fulfill my science elective requirement?** Many agriculture courses can count as a science elective. Go to the Agricultural Science section of this catalog to see which courses qualify.
6. **Do I need world language for college?** Check with the college of your choice regarding admission requirements for a world language.

9TH GRADE REQUIRED AND ELECTIVE COURSES

REQUIRED COURSES:

Two required credits in **English, Mathematics, and Science**.
One required credit in **Health, Wellness & Fitness** and **Geography** or AP Geography (AP Geography is a yearlong class).

ELECTIVE COURSES:

Six credits from the following lists of semester and yearlong electives.

COURSE NUMBER	<u>SINGLE SEMESTER ELECTIVE</u> COURSE NAME
181400	Intro to Animal Science
181401	Intro to Plant Science
181402	Equine Science
181300	Intro to CAD and Construction
181301	Intro to Metals and Motors
131100	Intro to Business/Personal Finance
131102	Business Cooperative Work Seminar
131101	Computer Applications
181121	Creative Foods
181100	Exploring Foods
181120	International Foods
121208	Acoustic Guitar
151101	Sports and Fitness I
151103	Strength and Conditioning I
151106	Strength & Conditioning for Females
121500	Intro to Visual Arts
121501	Video Game Design I
121503	Video Production I
121502	Video Game Design II
101900	Department Assistant A
101901	Department Assistant B
101100	Study Center A
101101	Study Center B
<u>YEARLONG ELECTIVES</u>	
181200 & 181201	CIS Intro to Engineering Design A & B
181202 & 181203	CIS Principles of Engineering A & B
121100 & 121101	Varsity Band A & B
121102 & 121103	Varsity Band Combo A & B
121300 & 121301	Varsity Choir A & B
121302 & 121303	Varsity Choir Combo A & B
121200 & 121201	Varsity Orchestra A & B
121202 & 121203	Varsity Orchestra Combo A & B
121204 & 121205	Sinfonia Orchestra A & B
121206 & 121207	Chamber Orchestra A & B
121504 & 121505	Yearbook A & B
131512 & 131513	Am Sign Language I A & B
131510 & 131511	Spanish I A & B
121600 & 121601	Drama I A Acting & Drama I B Stage

COURSE OFFERINGS

AGRICULTURAL SCIENCE

181400	Introduction to Animal Science	9	10	11	12
181401	Introduction to Plant Science	9	10	11	12
181402	Equine Science	9	10	11	12
181412	Animal Science I		10	11	12
181410	Small Animal Science I		10	11	12
181414	Horticultural Science		10	11	12
181240	Greenhouse Production		10	11	12
181421	Natural Resource Science		10	11	12
181413	Animal Science II		10	11	12
181422	Research In Agriculture		11	12	
181423	Ag Leadership		11	12	
181424	Ag Work Experience Internship		11	12	

APPLIED TECHNOLOGY

181300	Intro to CAD and Construction	9	10	11	12
181301	Intro to Metals & Motors	9	10	11	12
181312	CAD I		10	11	12
181313	CAD II		10	11	12
181316	Construction I		10	11	12
181317	Power Mechanics I		10	11	12
181310	Welding I		10	11	12
181311	Welding II		10	11	12
181314	Woodworking I		10	11	12
181315	Woodworking II		10	11	12
181322	Construction Trades - Framing		11	12	
181323	Construction Trades - Finishing		11	12	
181321	Woodworking III		11	12	
181320	Welding III and Fabrication		11	12	

ART

121500	Intro to Visual Arts	9	10	11	12
121522	Drawing		10	11	12
125522	Drawing - Online		10	11	12
121526	Painting		10	11	12
121520	Artist's Books I		10	11	12
121521	Artist's Books II		10	11	12
121532	Art Portfolio		10	11	12
121524	Decoy Design I		10	11	12
121525	Decoy Design II		10	11	12
121528	Pottery I		10	11	12
121529	Pottery II		10	11	12
121530	Digital Photography		10	11	12
125530	Digital Photography - Online		10	11	12
121531	Graphic Design		10	11	12
121501	Video Game Design I	9	10	11	12
125501	Video Game Design I - Online	9	10	11	12
121501	Video Game Design II	9	10	11	12
125501	Video Game Design II - Online	9	10	11	12
121506	Video Game Design III		10	11	12
121503	Video Production I	9	10	11	12
121533	Video Production II		10	11	12
121534	Video Production III		10	11	12
121504 & 121505	Yearbook A & B	9	10	11	12
121600 & 121601	Drama IA Acting & Drama IB Stage	9	10	11	12

AVIATION

181324	Aviation - Fundamentals		11	12	
181325	Aviation - Private Pilot Ground School		11	12	

BUSINESS

131100	Intro to Bus/Personal Finance	9	10	11	12
131102	Bus Co-op Work Seminar	9	10	11	12
135102	Bus Co-op Work Seminar - Online	9	10	11	12
131101	Computer Applications	9	10	11	12

111000	Bus Co-op Work Experience	10	11	12
135103	Bus Co-op Work Experience - Online	10	11	12
131201	Sports/Entertainment Marketing	10	11	12
135201	Sports/Ent Marketing - Online	10	11	12
135300	CIS Accounting I - Online		11	12
131202	Entrepreneurship		11	12
131502	Entrepreneurship - Online		11	12
131301	CIS Intro to Business		11	12

ENGLISH

111000 & 111101	English 9 A & B	9		
115100 & 115101	English 9 A & B - Online	9		
111102 & 111103	English 9 Intensive A & B	9		
111104 & 111105	English 9 Concepts A & B	9		
111200 & 111201	English 10 A & B		10	
115200 & 115201	English 10 A & B - Online		10	
111202 & 111203	English 10 Intensive A & B		10	
111204 & 111205	English 10 Concepts A & B		10	
111300 & 111301	English 11 A & B			11
115300 & 115301	English 11 A & B - Online			11
111302 & 111303	English 11 A & B Concepts			11
111400	English 12			12
115400	English 12 - Online			12
111401	English 12 Concepts			12
111321	Creative Writing		11	12
111328	Digital Media Literacy		11	12
115328	Digital Media Literacy - Online		11	12
111322	Novels	10	11	12
111320	Intro to Humanities		11	12
115331	Interpersonal Comm - Online	10	11	12
111323	CIS Intro to Comm/Speech	10	11	12
111324 & 111325	AP English Lang & Comp A & B		11	12
111403 & 111404	AP English Lit & Comp A & B		11	12
111407 & 111408	AP Seminar A & B		11	12
111405 & 111406	AP Research A & B			12

FAMILY & CONSUMER SCIENCES (FACS)

181100	Exploring Foods	9	10	11	12
181120	International Foods	9	10	11	12
181121	Creative Foods	9	10	11	12
181122	Child Development		10	11	12
181123	Interior Design		10	11	12
181130	Living On Your Own		11	12	
181131	Culinary Arts I		10	11	12
181132	Culinary Arts II		10	11	12

MATHEMATICS

141100 & 141101	Inter. Algebra A & B	9	10	
145100 & 145101	Inter. Algebra A & B - Online	9	10	
141106 & 141107	Math Elective A & B	9	10	11 12
141108 & 141109	Geometry A & B		10	11
145108 & 145109	Geometry A & B - Online		10	11
141200 & 141201	Geometry Intensive A & B	9		
141202 & 141203	Advanced Algebra A & B		10	11 12
145202 & 145203	Advanced Algebra A & B - Online		10	11 12
141204	Advanced Algebra Concepts A & B			11 12
141300 & 141301	Advanced Algebra Intensive A & B			11 12
143302 & 143303	Advanced Math Topics A & B			11 12
143304 & 143305	CIS Intro to Col Alg & CIS Col Algebra			11 12
141306 & 141307	Pre-Calc I & CIS Pre-Calc II			11 12
141308 & 141309	AP Calculus A & B			11 12
141310 & 141311	AP Statistics A & B			11 12
145310 & 145311	AP Statistics A & B - Online			11 12

COURSE OFFERINGS

HEALTH & PHYSICAL EDUCATION

151100	Health, Wellness, & Fitness	9 10 11 12
155100	Health, Wellness, & Fitness - Online	9 10 11 12
151101	Sports & Fitness I	9 10 11 12
151103	Strength & Conditioning I	9 10 11 12
151106	Strength & Cond. I for Females	9 10 11 12
151108	Aquatic Sports & Fitness	10 11 12
151110	Lifeguarding Training	9 10 11 12
155109	Lifetime Fitness - Online	10 11 12
151102	Sports & Fitness II	10 11 12
151104	Strength & Conditioning II	10 11 12
151202	Yoga I	11 12
151203	Yoga II	11 12
151201	Adventure & Challenge	11 12
151105	Strength & Conditioning III	10 11 12

MUSIC

121100 & 121101	Varsity Band A & B	9
121102 & 121103	Varsity Band Combo A & B	9
121104 & 121105	Concert Band A & B	10 11 12
121108 & 121109	Wind Symphony A & B	10 11 12
121106 & 121107	Symphonic Band A & B	10 11 12
121112 & 121113	Jazz Ensemble A & B	10 11 12
121300 & 121301	Varsity Choir A & B	9
121302 & 121303	Varsity Choir Combo A & B	9
121306 & 121307	Bards A & B	10 11 12
121304 & 121305	Concert Choral A & B	10 11 12
121310 & 121311	A Cappella Choir A & B	11 12
121312 & 121313	Cantabile Choir A & B	11 12
121308 & 121309	Windfall A & B	11 12
121200 & 121201	Varsity Orchestra A & B	9 10 11 12
121202 & 121203	Varsity Orchestra Combo A & B	9
121204 & 121205	Sinfonia Orchestra A & B	9 10 11 12
121206 & 121207	Chamber Orchestra A & B	9 10 11 12
121208	Acoustic Guitar	9 10 11 12
121209	Acoustic Guitar Ensemble	10 11 12
121400 & 121401	AP Music Theory A & B	11 12

SCIENCE

161200 & 161201	Biology A & B	9
165200 & 165201	Biology A & B - Online	9
161209	Earth & Space	10 11 12
161210	Earth & Climate	10 11 12
161202 & 161203	Chemistry A & B	10 11 12
165202 & 165203	Chemistry A & B - Online	10 11 12
161306 & 161307	Physics A & B	10 11 12
165306 & 165307	Physics A & B - Online	10 11 12
161300	Intro to Environmental Science	10 11 12
161301	Environmental Science	10 11 12
165301	Environmental Science - Online	10 11 12
161308	Wildlife Forensics	10 11 12
161204 & 161205	AP Biology A & B	10 11 12
161309 & 161310	AP Chemistry A & B	11 12
161311 & 161312	AP/CIS Physics A & B	11 12
161304	Human Biology A	10 11 12
161305	CIS Human Biology B	10 11 12
165314	CIS Medical Terminology - Online	10 11 12
161313	Nursing Assistant	11 12

SOCIAL STUDIES

171100	World Geography	9
175100	World Geography - Online	9
171101 & 171102	AP Human Geography	9
171200 & 171201	World History A & B	10
175200 & 175201	World History A & B - Online	10
171202 & 171203	AP World History: Modern A & B	10
171300 & 171301	American History A & B	11
175300 & 175301	American History A & B - Online	11
171302 & 171303	AP US History A & B	11
171400	American Government	12
175400	American Government - Online	12
171304	AP American Government	12
171401	Economics	12
175401	Economics - Online	12
171206	Criminal Justice	10 11 12
171207	Psychology	10 11 12
171305	AP Psychology	11 12
171208	Sociology	10 11 12

WORLD LANGUAGES

131512 & 131513	ASL I	9 10 11 12
135512 & 135513	ASL I - Online	9 10 11 12
131522 & 131523	ASL II	10 11 12
135522 & 135523	ASL II - Online	10 11 12
131510 & 131511	Spanish I A & B	9 10 11 12
131520 & 131521	Spanish II A & B	10 11 12
131350 & 131531	Spanish III & CIS Spanish A & B	11 12
131540 & 131541	Spanish IV A & B	12
131542 & 131543	AP Spanish A & B	12
131600	Intro to Indigenous Language & Culture	9 10 11 12

ADDITIONAL PROGRAMS & COURSES

490002	Intro to Education - Online	11 12
195910	Work Seminar - Online	9 10 11 12
195911	Work Experience - Online	10 11 12
192900	Student Mentor	11 12
101900 & 101901	Dept. Assistant A & B	9 10 11 12
101300 & 101301	PSEO Fulltime A & B	11 12
101302 & 101303	PSEO Part Time A & B	11 12
101100 & 101101	Study Center A & B	9 10 11 12
101001 & 101011	1st Hour Open A & B	11 12
101002 & 101012	2nd Hour Open A & B	11 12
101003 & 101013	3rd Hour Open A & B	11 12
101004 & 101014	4th Hour Open A & B	11 12
101005 & 101015	5th Hour Open A & B	11 12
101006 & 101016	6th Hour Open A & B	11 12
101007 & 101017	7th Hour Open A & B	11 12

ENGINEERING

181200 & 181201	CIS Intro to Eng. Design A & B	9 10 11 12
181202 & 181203	CIS Principles of Eng. A & B	10 11 12
161206	CIS Biological Engineering	10 11 12
161208	CIS Chemical Engineering	10 11 12
181204 & 181205	CIS Civil Eng. & Architecture A & B	10 11 12

AGRICULTURAL

The Agriculture Department welcomes all students with interest in plants, animals, or natural resources, regardless of experience. There are courses for students with casual or curious interest, to in-depth studies for students pursuing careers or further education in the agriculture world. Classes are experiential whenever possible with the use of indoor and outdoor labs, the animal lab and greenhouse, and area resources. Therefore, attendance is a critical component to your success. Students who enroll in any agriculture course are encouraged to participate in the FFA, a co-curricular student leadership organization that promotes personal growth, leadership, and career success.



INTRODUCTORY COURSES

INTRODUCTION TO ANIMAL SCIENCE

Course Number: 181400

Grade Level: 9, 10, 11, 12

Credits: 1



In this course, students will explore all things related to animals in the agricultural world. A variety of animals, ranging from rabbits to cattle, from farm livestock to Minnesota wildlife, will be discussed. There will be hands-on labs, live animals, in addition, the discussion of products we get from them. As an introductory course, this class is intended to give a broad exposure to the variety within the agriculture world involving animals. This is the recommended starting course for animal related Ag science classes.

INTRODUCTION TO PLANT SCIENCE

Course Number: 181401

Grade Level: 9, 10, 11, 12

Credits: 1



In this course, students will explore all things plant related in the agricultural world. The course will include the study of trees, soils, and water using hands-on based activities and lab experiments in the great outdoors. Students will have the opportunity to grow their own plants in the school greenhouse, study landscaping by creating their own gardens and landscape designs, and create their own personal floral designs and corsages. Students will also cover agribusiness and careers in the agriculture industry. This is the recommended starting course for any other plant related Ag science classes.

EQUINE SCIENCE

Course Number: 181402

Grade Level: 9, 10, 11, 12

Credits: 1, Science Elective



This course will focus on all aspects of horses. If you own horses or are considering a career in the horse industry this course is for you. Areas of study will include breeds and types of horses, selection of horses for personal use, practical handling and ground work training, health and diseases, feeding and nutrition. Other topics will include the historical and current uses of horses around the world and the various sectors of the horse industry.

INTERMEDIATE COURSES

ANIMAL SCIENCE I

Course Number: 181412

Grade Level: 10, 11, 12

Credits: 1, Science Elective

Prerequisite: Intro to Animal Science or Biology

This course is open to students with an interest in studying food production (farm) animals. We will cover the history of animals and their domestication, animal handling, nutrition, breeds, and management techniques for raising poultry, sheep, goats, pigs, beef and dairy cattle. Students with limited livestock experience should take Intro to Animal Science first. Since it is a classroom study of large animals, there is minimal student contact with animals.



SMALL ANIMAL SCIENCE I

Course Number: 181410

Grade Level: 10, 11, 12

Credits: 1, Science Elective

Prerequisite: Introduction to Animal Science

Students will explore and practice skills in the area of small animals and veterinary science. This includes hands-on learning about care, breeds, and diseases of small animals such as dogs, cats, birds, fish, rabbits, and other pets. The course will involve guest speakers that will address current issues and careers in the small animal fields.



HORTICULTURE SCIENCE**Course Number: 181414****Grade Level: 10, 11, 12****Credits: 1****Prerequisite: Intro to Plant Science or Biology**

Students will be exposed to an array of topics in Horticulture. With a review of plant science, we will go deeper into other topics involving benefits and uses of plants of all kinds: native, edible wild and therapeutic houseplants. Students will study identification and propagation of ornamental trees, shrubs, fruits, berries and sustainable practices for landscaping, gardening and food self-reliance. Much of the class is experiential in the school greenhouse as well as campus grounds and neighborhood. Therefore, attendance and willingness to engage in hands-on activities is critical for success.

ADVANCED COURSES**GREENHOUSE PRODUCTION****Course Number: 181420****Grade Level: 10, 11, 12****Credits: 1, Science Elective****Additional Credit Option: Articulated College Credit from CLC****Prerequisite: Intro to Plant Science or Biology**

In this course, students will learn propagation, identification, biology, and management of plants. This may include houseplants, bedding plants, home garden, fruits and vegetables. Concepts of floral or landscape design will be included. Careers in horticulture, greenhouse production and landscaping will be explored.

NATURAL RESOURCE SCIENCE**Course Number: 181421****Grade Level: Grades 10, 11, 12****Credits: 1, Science Elective****Prerequisite: Intro to Plant Science or Biology**

This course teaches students about native plants and wildlife - with emphasis on those from Minnesota. Students will learn to identify birds, insects, mammals, and fish; investigate many facets of forestry and wildlife habitat. Nature is used as the context to learn science principles and to understand our human connection with it. Students can look forward to outdoor lab activities, on and off-campus excursions and experiences. *Because of this, good attendance is critical for success in class.*

ANIMAL SCIENCE II**Course Number: 181413****Grade Level: 10, 11, 12****Credits: 1, Science Elective****Prerequisite: Animal Science I**

This course will continue with food production (farm) animals and go deeper into animal nutrition, body systems, reproduction, genetics, health, products from animals, selection, and marketing. Students will have an opportunity to focus on an animal of their choice as a special project. This course will use lab activities that provide more depth in the study of careers in animal science.

RESEARCH IN AGRICULTURE**Course Number: 181422****Grade Level: 11, 12****Credits: 1****Prerequisite: Biology****Required: Teacher approval**

This course is an independent study course. Students will work on agricultural research topics as decided by the student and instructor.

AG LEADERSHIP**Course Number: 181423****Grade Level: 11, 12****Credits: 1****Required: Teacher approval**

This is an independent study course. This is a combination course of in class and online components for students interested in leadership, communication, and being the best they can be. We will cover such topics as career exploration; resume building, team building, and leadership development. *This class will be offered in the Fall.*

AG WORK EXPERIENCE INTERNSHIP**Course Number: 181424****Grade Level: 11, 12****Credits: 1****Required: Teacher approval**

This course will combine skills learned in other agricultural courses with on the job experience. Students must be employed in an approved cooperative agricultural worksite. Students must log and work a minimum number of hours per week in order to earn work experience credit. Students may receive an open hour and provide their own transportation to work. *This class will be offered in the Spring.*

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APPLIED TECHNOLOGY

Applied Technology and Engineering Education programs include a wide selection of technical courses. Most of the program areas have advanced level courses, which build on the program's curriculum and allow for in-depth learning. All of these technology courses involve the integration of Science, Technology, Engineering, Math, technical presentation, and language skills. Courses are designed to provide students with the necessary technical knowledge and dexterity skills to prepare for college-level studies in engineering, science and computer-related majors, or to pursue technical career fields in industry, construction or other trades related areas. Applied Technology programs reinforce student learning in critical thinking, problem solving, design, and group dynamic skills.



INTRODUCTORY COURSES

INTRO TO CAD AND CONSTRUCTION (C & C)

Course Number: 181300

Grade Level: 9, 10, 11, 12

Credits: 1



This course is a “hands-on” introduction to many of the key systems of Applied Technology. Special emphasis is placed on Woodworking and Computer Aided Design. We focus on areas of product design, manufacturing, and construction. It is structured to Introduce students to many important processes, materials, tools, and ideas used to produce the things we use every day. Students will work as individuals and in groups to create products using various equipment, tools and machines. Note: This course is strongly recommended as an introduction and orientation to the other elements of our Applied Technology program.

INTRO TO METALS AND MOTORS (M & M)

Course Number: 181301

Grade Level: 9, 10, 11, 12

Credits: 1



This course offers an introduction to the topics of welding and small gas engines. Welding is required by a wide variety of industries and welders are in high demand. Students in this course are taught to use manual welding, cutting, and electric arc welding processes to fabricate and weld metal parts. Additionally, this course offers an introductory study of the operation, maintenance, and repair of small gasoline engines. Topics include principles of operation of internal combustion engines, repair and service procedures, and disassembly, overhaul, and reassembly. Students will also receive all safety-related practices and techniques.

INTERMEDIATE COURSES

CAD I

Course Number: 181312

Grade Level: 10, 11, 12

Credits: 1, Fulfills Art Requirement

Recommended: Intro to CAD and Construction

In this course, Computer Aided Drafting (CAD), students will have the opportunity to use the most up to date software that industry uses every day. Both Architectural and Mechanical drafting skills will be gained through drafting on a variety of CAD programs. Imagine being able to walk through a 3-D house, you have designed in course or looking into a part to see its internal components.



CAD II

Course Number: 181313

Grade Level: 10, 11, 12

Credits: 1, Fulfills Art Requirement

Prerequisite: CAD I

This course will be a continuation of CAD I. Fundamentals of design will again be stressed. The students' imagination and creativity will be challenged with individual and various assigned projects. The drafting programs will be utilized for both architectural and mechanical drafting purposes. Tremendous opportunity waits for students with the skills gained in this course for growth outside of high school. Students may repeat this course.



Warrior Career
Pathways



Agriculture
& Nature



Creative



Business &
Tourism



Design &
Build

CONSTRUCTION I**Course Number: 181316****Grade Level: 10, 11, 12****Credits: 1****Prerequisite: Intro to CAD and Construction**

Get a taste of what it is like to be a part of the Construction Industry. You will learn about and perform many of the same jobs as the skilled craftsmen who build our homes, but on a smaller scale. This is a great course for anybody that wants some experience in many of the areas in the field of Construction.

POWER MECHANICS I**Course Number: 181317****Grade Level: 10, 11, 12****Credits: 1****Additional Credit Option: Articulated College Credit from CLC****Prerequisite: Intro to Metals and Motors**

Students will study theory of operation of two stroke and four stroke small gas engines. Students will disassemble, measure and evaluate parts, then properly reassemble small gas engines, using proper techniques and current trade practices. Students will be required to bring in a used engine of their own to disassemble, measure and evaluate parts, and then properly reassemble. The engine must run properly when completed. Students may repeat this course.

WELDING I**Course Number: 181310****Grade Level: 10, 11, 12****Credits: 1****Prerequisite: Intro to Metals and Motors**

This course is an exploration of welding and the metal shop. Students will explore welding and develop basic, traditional welding skills in oxy-acetylene and arc welding through a great variety of assignments and small projects. Students will learn to safely use all of the various hand and power tools in the metal shop. This is a course where students can develop workplace skills (work ethic, problem solving, time management, reliability, honesty, teamwork, etc.). Student safety is the first priority.

WELDING II**Course Number: 181311****Grade Level: 10, 11, 12****Credits: 1****Additional Credit Option: Articulated College Credit from CLC****Prerequisite: Welding I**

This is a more in-depth study of welding with a focus on more modern techniques and processes (MIG, TIG, and CNC plasma table). Assignments and projects will feature greater variety and complexity than Welding I and greater quality is expected. This is a course where students can further develop workplace skills (work ethic, problem solving, time management, reliability, honesty, teamwork, etc.). Student safety is the first priority.

**WOODWORKING I****Course Number: 181314****Grade Level: 10, 11, 12****Credits: 1, Fulfills Art Requirement****Prerequisite: Intro to CAD and Construction**

In this course, the students will explore the process of producing a wood project and how to safely and properly operate all of the power tools and equipment found in the Wood Shop, including our CNC (Computer Numeric Control) router.

**WOODWORKING II****Course Number: 181315****Grade Level: 10, 11, 12****Credits: 1, Fulfills Art Requirement****Prerequisite: Woodworking I**

Students will continue development of woodworking skills through practical application and practice. Topics of focus in this course include lab safety, advanced project design and planning, materials selection, machine tool use and maintenance, and finishing processes, etc. This is a project oriented, hands-on course.

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ADVANCED COURSES

CONSTRUCTION TRADES - FRAMING

Course Number: 181322

Grade Level: 11, 12

Credits: 2, 2 hour block

Prerequisite: Construction I



The primary activity will be the construction of a residential home located on our school property. Students will learn safety and be involved with framing floors, walls, roofs and installing mechanical systems. Professional tradesmen will assist students with plumbing, electrical and HVAC installation. *This course will be offered in the Fall. Students may repeat this course.*

CONSTRUCTION TRADES - FINISHING

Course Number: 181323

Grade Level: 11, 12

Credits: 2, 2 hour block

Prerequisite: Construction I



The primary activity will be finishing our residential home that was started in the fall semester. Students will learn safety and be involved with insulating, sheetrock taping and finishing, installing interior doors, trim and finally finishing the exterior of the building. Professional tradesmen will assist students with sheetrock taping and cabinetwork. *The course will be offered in the Spring. Students may repeat this course.*

WOODWORKING III

Course Number: 181321

Grade Level: 11, 12

Credits: 1, Fulfills Art Requirement

Prerequisite: Woodworking II



This advanced level course is designed to offer students the opportunity to broaden their knowledge and elevate their skill level in the field of woodworking. Advanced techniques and concepts will be applied in the areas of design, furniture construction, and basic cabinetry. Students will be responsible for designing projects and working their ideas through to completion. Quality, ingenuity, and focus on task will be stressed. Materials fees may be assessed according to the extent of the projects. Students may repeat this course.



WELDING III AND FABRICATION

Course Number: 181320

Grade Level: 11, 12

Credits: 1

Additional Credit Option: Articulated College Credit from CLC

Prerequisite: Welding II



Assignments and projects will consist of advanced welding techniques, processes and positions on a variety of materials. A part of this course is a student designed or modified “capstone” project that may involve incorporating hydraulics, pneumatics, or small gas or diesel engines along with welding and fabrication. Each student is required to “donate” community service of one hour a month to welding and repair work for the community. Students in this course will be expected to demonstrate highly developed workplace skills. *In addition to classroom work, students must complete 16 hours of lab work at the Central Lakes College Welding facility. Students may repeat this course.*



ARTS

Art courses provide students with opportunities to explore their own creativity, innovation, problem-solving skills, and learn how art is used in everyday life. Art teaches students how to become self-directed learners through the use of creative process, reflection, and exploration of different art mediums and techniques. The Art Department's goal is to help students find themselves as an artist, value different art styles, appreciate arts simplicity and complexity, and to instill artistic confidence within each student.

Graduation requirements in the arts area are as follows: 2 visual arts credits in grades 9 – 12.

Note: All courses fulfill Art Requirement.

2-DIMENSIONAL COURSES

INTRODUCTION TO VISUAL ARTS

Course Number: 121500

Grade Level: 9, 10, 11, 12

Credits: 1



The purpose of this course is to learn about general art rules and tools, where students will be challenged to learn to create art utilizing a variety of mediums from pencil and pen, to paints and digital art. We learn how to effectively use the Elements and Principles of Art and Design so that students can lay a strong foundation of basic art knowledge to build off of for future classes.

DRAWING

Course Number: 121522

Grade Level: 10, 11, 12

Credits: 1



Prerequisite: Intro to Visual Arts

This course is an introduction to Drawing. The course includes one and two-point perspective, the elements and principles of design, composition formats, drawing and shading techniques, and the exploration of a variety of media at a beginner's level. Students will also be introduced to the creative process step-by-step and learn a 4-step critical thinking model for analyzing a work of art. *Students may repeat this course.*

PAINTING

Course Number: 121526

Grade Level: 10, 11, 12

Credits: 1

Prerequisite: Intro to Visual Arts



This is a beginning painting course in which students will explore many paint mediums from acrylics, watercolors, inks, oil pastels, and mixed media. This course will build on foundational skills learned including the elements and principles of design, along with observational drawing skills and color theory. The student's individual interests are reflected in the painting subject matter used. Build your confidence as you develop your skills and creativity. *Students may repeat this course.*

ARTIST'S BOOKS I

Course Number: 121520

Grade Level: 10, 11, 12

Credits: 1



Students will learn how to create handmade books by assembling unique papers through folding, stitching, or gluing. Students will also learn to express themselves through image and words, while experimenting with different types of paints, pens, markers, and mixed media. Many book structures will be explored, such as the accordion book, Japanese stab-binding book, flutter-book, sculpture fold-out book, and a signature-sewn book. Build your confidence as you develop your skills and creativity.

ARTIST'S BOOKS II

Course Number: 121521

Grade Level: 10, 11, 12

Credits: 1

Prerequisite: Artist's Books I



This course is for serious artist book students who are motivated to create book structures in a self-directed fashion. Students will be required to complete varying book structures throughout the semester, considering the content and theme of each book. Books will be more complex with neatness and precision of craft expected. *Students may repeat this course.*



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ART PORTFOLIO**Course Number: 121532****Grade Level: 10, 11, 12****Credits: 1****Required: Complete a Visual Arts Application and teacher approval**

This course is designed for serious, self-directed and motivated art students who wish to expand their knowledge in the visual arts. Studio experiences include drawing, painting and mixed media art with attention to creative process, observational skills, composition and critique. Students will demonstrate progress over time by developing a body of work, writing an artist statement and organizing a portfolio. High standards for quality and productivity will be emphasized. The portfolio will assist students in preparing for college admission and careers in the visual arts. *Students may repeat this course.*

3-DIMENSIONAL COURSES**DECOY DESIGN I****Course Number: 121524****Grade Level: 10, 11, 12****Credits: 1**

This course is an introduction to the history of dark house spearing in Minnesota and how it has evolved into folk art. Students will learn and demonstrate understanding of the elements and principles of design, color theory, as well as a variety of methods, techniques, and art materials. Emphasis is placed on designing and carving four to five different wooden fish decoys.

DECOY DESIGN II**Course Number: 121525****Grade Level: 10, 11, 12****Credits: 1****Prerequisite: Decoy Design I**

Students will learn to carve for extreme realism and likeness to species. Those enrolled in the course will be required to enter at least one decoy competition. Emphasis will be placed on advanced detailing and painting techniques. *Students may repeat this course.*

POTTERY I**Course Number: 121528****Grade Level: 10, 11, 12****Credits: 1**

This course teaches the basics of pottery art. Students will learn and understand hand building and wheel throwing methods in producing pottery. Students will also learn and understand form, function and decoration as it pertains to pottery. Various decorative and glazing techniques will also be taught. Students will research the work of significant potters and cultures.

POTTERY II**Course Number: 121529****Grade Level: 10, 11, 12****Credits: 1****Prerequisite: Pottery I**

This course is intended for serious pottery students who want to refine their skills of wheelwork and hand building techniques. An expectation of this course is for students to keep a pottery journal, and research the work of past and present significant potters. *Students may repeat this course.*

DIGITAL DESIGN COURSES**DIGITAL PHOTOGRAPHY****Course Number: 121530****Grade Level: 10, 11, 12****Credits: 1**

In this course, students will learn how to use digital cameras in both automatic and manual modes. Students will learn how to manipulate images using a computer in programs like Photoshop. Highly self-motivated individuals looking at photography for career or hobby pursuits are encouraged to sign-up. Students will also create a portfolio of their photography, showing off various skills learned within the course. *Students may repeat this course.*

Note: Cameras will be provided.

GRAPHIC DESIGN**Course Number: 121531****Grade Level: 10, 11, 12****Credits: 1**

This course offers students an exciting opportunity to develop relevant abilities in a variety of media arts techniques! In this course, students will investigate the fundamental artistic concepts of composition, color theory, and design as a basis for developing unique, digitally produced artwork. Through exploration of digital photography and photo editing software, students will gain relevant, industry-specific skills while exploring their own ideas and creativity. Students will also explore web design and have the opportunity to create their own web site. *Students may repeat this course.*

VIDEO GAME DESIGN I**Course Number: 121501****Credits: 1****Grade Level: 9, 10, 11, 12**

This introductory level course engages students with project-based learning. This course will take you from using simple “drag-n-drop” programming to actually writing code and developing original computer games! Students will begin to build real working games very quickly. During the projects, students will learn the math and physics concepts used in game development, how the engineering design cycle is used to plan game ideas, the components of a good game, how to create sprites, and so much more.

VIDEO GAME DESIGN II**Course Number: 121502****Grade Level: 9, 10, 11, 12****Credits: 1****Prerequisite: Video Game Design I**

This course expands on the technical skills and knowledge students gained in Video Design I and focuses more on original and creative work, while simultaneously increasing focus on team collaboration. In which students will create two games. A majority of the course is spent designing and developing original games in collaborative groups.

VIDEO GAME DESIGN III**Course Number: 121506****Grade Level: 10, 11, 12****Credits: 1****Prerequisite: Video Game Design II.**

This advanced course is for students who have passed Game Design I and II. Students taking this course will have the opportunity to design and create their own game projects for the entire semester. Students must be self-motivated and have the ability to create games through research and exploration without pre-made instructions. Students can choose to work on one large project, or several smaller projects throughout the semester. *This course is repeatable and students may continue working on larger projects over multiple semesters.*

VIDEO PRODUCTION I**Course Number: 121503****Grade Level: 9, 10, 11, 12****Credits: 1**

Course study will consist of several areas of video production. The primary emphasis will focus on, video camera operation, video composition, storyboarding and, video editing. Course work will include numerous hands-on individual and group projects.

VIDEO PRODUCTION II**Course Number: 121533****Grade Level: 10, 11, 12****Credits: 1****Prerequisite: Video Production I**

This course will utilize and build upon the skills that were learned in Video Production I. It is designed to provide students with the advanced knowledge and skills related to video production, with an emphasis on television news. Students will increase their knowledge of camera operations, recording audio, video editing workflow, graphics, news writing and studio production to produce a weekly news program. Students will also produce commercials and other videos as needed. *Students may repeat this course.*

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PERFORMANCE ARTS COURSES

VIDEO PRODUCTION III

Course Number: 121534

Grade Level: 10, 11, 12

Credits: 1

Prerequisite: Video Production II



This is an independent study course for students who are serious about advancing their video production skills and exploring potential careers in video. Students need to be motivated and reliable, as they will be working independently on a variety of projects. Students will have the opportunity to “specialize” in areas they feel strongly about. A final portfolio is required. *Students may repeat this course.*

YEARBOOK A & B

Course Numbers: 121504, 121505

Grade Level: 9, 10, 11, 12

Credits: 2, Yearlong Course

Required: Complete an application and Yearbook Advisor approval.



This course is for serious students who want to design and publish a quality high school yearbook. Students with a background or interest in desktop publishing, computer based design, photography, or journalistic writing are highly encouraged to join. High quality work, excellent people skills, and group collaboration are essential to a successful Yearbook staff member. Deadlines are set by the publisher and must be met on time. Yearbook staff are also required to attend at least three events outside the school day, preparing for deadlines, selling ads, and/or taking photographs. Students are able to sign up for events well in advance. *Students may repeat this course.*

Drama I is an introduction to Theatre Arts: Acting and Stage/Technical production. It is an elective class for the beginning actor and stage technician that is divided into two semesters.

DRAMA IA: ACTING & DRAMA IB: STAGE

Course Number: 121600, 121601

Grade Level: 9,10,11,12

Credits: 2, Offered Yearlong

Prerequisite: None



Drama IA: Acting will primarily be performance-based and will include verbal/non-verbal expression and pantomime, improvisation, storytelling/oral interpretation and choral reading, small scenes, monologues, duets, as well as focusing on diction, volume, and basic presentation, acting, and performance techniques. A final performance will be part of the end of semester assessment to incorporate all previous acting techniques into practice.

Drama IB: Stage includes many project-based assessments with little emphasis on acting, and it will focus on theater history, the production of a drama, script analysis, and the process actors and all backstage crew go through to put on a full production. Students will learn first-hand about costumes, makeup, lighting, sound, and scene/set design. Through this course, students will demonstrate an understanding of the main concepts of drama. Students will read, study, perform, and comprehend a variety of different types of plays. This course will include practice as well as the performance of theatre skills.



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AVIATION



AVIATION - FUNDAMENTALS

Course Number: 181324
Grade Level: 11, 12
Credits: 1



This course is an introductory study of principles of flight, aerodynamics, aircraft systems, navigation, FAA regulations, and aviation careers. Through aviation training videos, class discussion, and guest speakers such as airline pilots, military pilots, other professional pilots, aerospace engineers, airport managers, and air traffic controllers, students will learn about the world of aviation as well as paths of study to pursue career pilot, private aviator, or other aviation-related career opportunities.

AVIATION - PRIVATE PILOT GROUND SCHOOL

Course Number: 181325
Grade Level: 11, 12
Credits: 1



Recommended: Aviation – Fundamentals

This course is an in-depth study designed to include topics tested in the FAA PRIVATE PILOT written examination. The Private Pilot License is the first license in becoming a pilot, followed by Commercial Pilot and Airline Transport Pilot license for those students pursuing a pilot career. Subjects included in this course include Aircraft Performance and Aerodynamics, Airplane Systems, Aviation Weather, Aviation Regulations, Flight Operations, Flight Planning, and practice FAA exams. After successful completion of this course, students will be provided with a course completion certificate and/or endorsement from the instructor which must be presented at an authorized computer testing facility to sit for the FAA Private Pilot written examination.

BUSINESS

The courses offered in the Business Department are designed to introduce students to the world of business. After graduating from high school or college virtually everyone will use financial management skills in both their personal and professional lives. Most students will eventually have business related employment. Students graduating with business majors will be better prepared for personal financial management, develop job skills required for higher-paying employment, and be better prepared for small business ownership or for a career in marketing.

INTRODUCTORY COURSES

INTRO TO BUSINESS/PERSONAL FINANCE

Course Number: 131100
Grade Level: 9, 10, 11, 12
Credits: 1



This is an introductory course, which offers students the opportunity to explore the worlds of business and personal finance. The course is divided into content areas, which introduce basic concepts in major areas of business, like management, marketing, and entrepreneurship. Students develop financial literacy knowledge and skills to prepare them for life after high school. Topics include establishing a budget, earning a living, saving and investment options, using credit and managing debt, and managing risk through insurance.

BUSINESS COOPERATIVE WORK SEMINAR

Course Number: 131102
Grade Level: 9, 10, 11, 12
Credits: 1



This course is designed to help prepare students in developing critical job skills to provide them with employment opportunities. Students learn skills in positive job preparation, attitudes, responsibilities, and rewards of entry-level employment. Students will study workplace communication skills, career exploration, applications, resumes, interviewing skills, child labor laws, workplace safety, and more. Successfully completing this course will allow students to participate in work based learning opportunities which include internships, mentorships, paid work experience.



COMPUTER APPLICATIONS

Course Number: 131101
Grade Level: 9, 10, 11, 12
Credits: 1



Microsoft Office has been the industry standard productivity software for decades, but the market is changing. Web-based solutions, like Google Docs, are being leveraged by businesses and organizations. Through projects and simulations, students will learn to use a variety of productivity software that will prepare them for post-secondary education and today’s ever-changing workforce. The course will explore applications used to create spreadsheets, documents, presentations, databases, and other modern technologies.

INTERMEDIATE COURSES

BUSINESS COOPERATIVE WORK EXPERIENCE

Course Number: 131103
Grade Level: 10, 11, 12
Credits: 1



Prerequisite: Business Cooperative Work Seminar

Whether you plan to join the workforce or pursue a degree, after high school, gaining experience now will help ensure you’ve made the right choice. This course will combine skills learned from Business Cooperative Work Seminar with on the job experience. Students have an opportunity to participate in various work based learning experiences which may include job shadows, internships, mentorships, and paid work experience. The Work Coordinator will work with students on an individual basis to determine eligibility, placement, and approved employment sites. Internships and paid work experience require students to work and log a minimum number of hours per week in order to earn work experience credit. Students need to provide their own transportation to the work site and may receive an open hour in their schedule.

SPORTS/ENTERTAINMENT MARKETING

Course Number: 131201
Grade Level: 10, 11, 12
Credits: 1



Explore the intriguing world of sports and entertainment from the perspective of marketing. Sports and entertainment topics are used to learn foundational marketing concepts. Emphasis is on sports and entertainment as a business, marketing strategies, communication, sales, promotion, advertising, and e-commerce. Marketing functions are incorporated throughout the sports and entertainment industries and are the perfect vehicles to highlight how marketing plays out in our everyday lives.



ADVANCED COURSES

CIS ACCOUNTING I

Course Number: 131300
Grade Level: 11, 12
Credits: 1



Additional Credit Option: CLC BUSN 1102 - 3 cr.
Additional Credit Option: Articulated College Credit from CLC

Required: Accuplacer score of 237 in reading

This class teaches all students, not just accounting majors, an excellent understanding of how a business works and the “language” of business. Students learn the basic accounting cycle for a service business organized as a proprietorship and a merchandising business organized as a corporation. These accounting procedures prepare students for employment in business related occupations and for maintaining personal financial records. This course is strongly recommended for any students pursuing a post-secondary business, accounting, or finance degree. *This course is exclusively online.*



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ENTREPRENEURSHIP**Course Number: 131202****Grade Level: 11, 12****Credits: 1**

Millions of individuals undertake entrepreneurship, the act of creating a new business, each year. This course takes students through the entire process of owning their own business, from skills required to identify and meet a market need, to critical thinking, planning, financing, and hiring. Any student, who envisions himself/herself as an owner of a business one day, or as an active participant in the business world, will find this course an excellent resource. *Students may repeat this course.*

**ENGINEERING**

Project Lead the Way (PLTW) is a nationally accredited pre-engineering program. It is about applying engineering, science, math, and technology to solve complex, open-ended problems in a real-world context. Students focus on the process of defining and solving a problem, not on getting the "right" answer. They learn how to apply STEM knowledge, skills, and habits of mind to make the world a better place through innovation. Even for students who do not plan to pursue engineering after high school, the PLTW courses provide opportunities to develop highly transferable skills in collaboration, communication, and critical thinking, which are relevant for any coursework or career.

CIS INTRODUCTION TO BUSINESS**Course Number: 131301****Grade Level: 11, 12****Credits: 1**

Additional Credit Option: CLC BUSN 1501 - 3 credits

Additional Credit Option: Advanced Standing MnSCU System

Required: Accuplacer score of 237 in reading

This course is a survey of the forces that shape business in America with an overview of how American business responds. Topics include business economics, forms of business organizations, management functions, marketing procedures, business finance, entrepreneurship, and more. Students will develop a plan to start a new business.

**INTRODUCTORY COURSES****CIS INTRO TO ENGINEERING DESIGN A & B****Course Number: 181200, 181201****Grade Level: 9, 10, 11, 12****Credits: 2, Yearlong Course****Fulfills Art Requirement**

Add. Credit Option: St. Cloud State University – 3 credits

Required: GPA of 2.5

In this course students use 3-D computer modeling software, learn the design process, and solve design problems as they develop, analyze, and create product models. This hands-on course emphasizes analyzing potential solutions and working with peers in order to improve existing products and create new ones.



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INTERMEDIATE COURSES

CIS PRINCIPLES OF ENGINEERING A & B

Course Number: 181202, 181203

Grade Level: 10, 11, 12

Credits: 2, Yearlong Course

Fulfills Art Requirement



Add. Credit Option: St. Cloud State University – 3 semester credits for 11th & 12th Grade Students

Prerequisite: CIS Intro to Engineering Design

This course helps students understand the field of engineering through many project-based activities. Students are required to explore various technology systems and engage themselves in the design process. Students will understand how and why math, science, technology, and engineering are so important and how they all fit together.

ADVANCED COURSES

CIS BIOLOGICAL ENGINEERING

Course Number: 161206

Grade Level: 10, 11, 12

Credit: 1, Science Elective

Additional Credit Option: Must take Chemical Engineering in the spring: St. Cloud State University - 3 credits

Prerequisite: Biology

Recommended: CIS Intro to Engineering Design

Students will explore how biological engineering contributes to feeding a growing human population by increasing nutritional content in staple food crops, eliminating the need for pesticides and herbicides, and creating drought and frost resistant crops. Students will test foods for the presence of GMO's, manipulate DNA, conduct PCR and gel electrophoresis, engineer their own plasmid, transform bacteria, clone a gene, and more. This course is PLTW Environmental Sustainability and largely focuses on environmental science concepts and applications.



CIS CHEMICAL ENGINEERING

Course Number: 161208

Grade Level: 10, 11, 12

Credit: 1, Science Elective

Additional Credit Option: Must take Biological Engineering in the fall: St. Cloud State University- 3 credits

Prerequisite: Biology

Recommended: CIS Intro to Engineering Design

Students will explore how chemical engineering techniques will improve global access to clean water and renewable fuel sources. Students will design and build a water filter and test water for various contaminants. Students will make various biofuels including biodiesel and analyze how biofuels from renewable sources like algae and yeast can reduce the amount of greenhouse gasses in the atmosphere. This course is PLTW Environmental Sustainability and largely focuses on environmental science concepts and applications.



CIS CIVIL ENGINEERING & ARCHITECTURE A & B

Course Number: 181204, 181205

Grade Level: 10, 11, 12

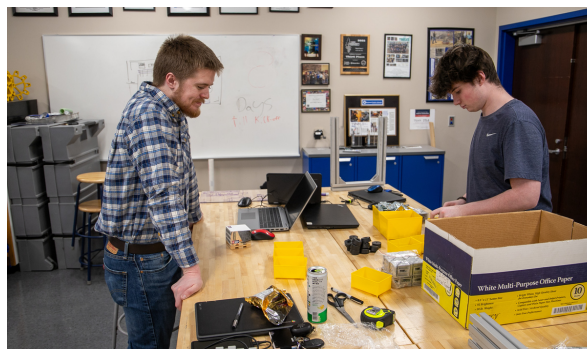
Credits: 2, Yearlong Course

Additional Credit Option:

St. Cloud State University - 3 credits

Recommended: CIS Intro to Engineering Design

This course deals with the exploration of the fields of Architecture and Civil Engineering. Students will be engaged in problem solving, designing activities, and working in groups to develop community-based building projects. Students further understand how engineers and architects work together.



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ENGLISH

The courses offered in the English Department provide instruction in writing, literary analysis, vocabulary, and grammar at the appropriate grade level. Required courses include English 9, English 10, English 11, and English 12. The English Department is offering four full-year Advanced Placement (AP) courses. College-bound students who wish to begin college level work in the high school setting should consider taking one or two courses while in high school.



REQUIRED COURSES

ENGLISH 9 A & B

Course Number: 111100, 111101

Grade Level: 9

Credits: 2, Yearlong Course

Through this course, students will demonstrate an understanding of the writing process. Students will read, study, and comprehend a variety of different types of literature. This course will include vocabulary practice as well as the application of language skills.



ENGLISH 9 INTENSIVE A & B

Course Number: 111102, 111103

Grade Level: 9

Credits: 2, Yearlong Course

This course is offered to highly motivated students who prefer a challenging and intensive curriculum, students will also gain preparation for a smooth transition into AP English courses their junior and senior years. Students who enroll should be strong readers and writers who can set high goals and meet deadlines. There will be an emphasis on academic writing practice and critical reading skills.

ENGLISH 10 A & B

Course Number: 111200, 111201

Grade Level: 10

Credits: 2, Yearlong course

Students will read, study, and comprehend more complex works of prose, drama, poetry, fiction, novels, informational texts, as well as online resources. They will also practice vocabulary and editing skills as they advance their writing process skills.



ENGLISH 10 INTENSIVE A & B

Grade Level: 10

Course Numbers: 111202, 111203

Credits: 2, Yearlong Course

In addition to the general targets of the sophomore courses, students will also gain preparation for a smooth transition into AP English courses their junior and senior years. The course will have a strong and rigorous emphasis on academic writing practice and critical reading skills.

ENGLISH 11 A & B

Course Number: 111300, 111301

Grade Level: 11

Credits: 2, Yearlong course

This course emphasizes continued reading skills and writing skills growth. Students' reading will include a range of genres and text complexity--further preparing them for the challenges ahead. Student's completion of a research project and other writing will emphasize grammar and editing skills as well as effective and clear communication.



ENGLISH 12

Course Number: 111400

Grade Level: 12

Credits: 1

Students will read works of increasing sophistication compared to earlier courses. Literature, poetry, plays, literary nonfiction, as well as, at least, one novel will be read to practice evaluating intricate argumentation and literary analysis. Students will extend their earlier practice with vocabulary and writing--especially expository and literary analysis writing.



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ELECTIVE COURSES

CREATIVE WRITING

Course Number: 111321

Grade Level: 11, 12

Credits: 1

Students will discuss styles of writing, read a variety of authors and analyze their writing styles, and work toward improving personal writing skills. Students will be required to keep a daily journal and will create works in the short story, drama, personal essay, and poetry genres. This course will often utilize the workshop format in which students will be asked to share their thoughts and works in small and large group settings.

DIGITAL MEDIA LITERACY

Course Number: 111328

Grade Level: 11, 12

Credits: 1



This course focuses on critical thinking, writing, and reading skills in the digital world, including how to analyze and respond to advertisements, blogs, websites, social and news media, and technical writing. Students will also consider their own positions as consumers of media, gain an understanding and explore ways to use media to become more active and thoughtful citizens. Students will have the opportunity to develop their own technology skills through group and individual projects, and explore what it means to be a responsible digital citizen.

NOVELS

Course Number: 111322

Grade Level: 11, 12

Credits: 1

This course will enable students to read and enjoy several novels of varying complexity, both current and classical, for technique, style, theme, and relationship to self and society. Students will be assessed via participation, daily assignments, written reflections, and tests. This is a course for students who truly enjoy reading and would like to learn how to read a novel for both pleasure, and deeper understanding.

INTRODUCTION TO HUMANITIES

COURSE NUMBER: 111320

GRADE LEVEL: 11, 12

CREDITS: 1

This course is an introductory survey of the genres and themes of the humanities. Reading, writing, and course discussions might include a focus on music appreciation, the visual arts, film criticism, modern literature, and philosophy. Possible themes/ideas of freedom, love, happiness, death, nature, and myth will be explored from a Western and non-Western point of view.

INTERPERSONAL COMMUNICATIONS

Course Number: 115331

Grade Level: 10, 11, 12

Credits: 1



Interpersonal Communication is the study of communication behaviors involving two persons, examining the impact of such behaviors on personal relationships. In this course you will analyze the common elements of interpersonal communication and learn techniques to overcome barriers to effective communication. Techniques of interpersonal competence include improving one-on-one skills for verbal and non-verbal communication, perception, self-disclosure, listening and feedback, sharing emotions, assertiveness, coping with conflict, and communicating with family, friends and romantic relationship partners. The course material, discussions and activities required are highly transferable to real-world contexts. *Offered exclusively online.*

CIS INTRO TO COMMUNICATION/SPEECH

Course Number: 111323

Grade Level: 11, 12

Credits: 1



Additional Credit Option: CLC COMM 1410 – 3 cr.

Required: Accuplacer score of 237 in reading

In this course, students will learn about the art of communication focusing on three core areas: interpersonal communication, group communication, and public speaking. Through this hybrid course, students will explore the fundamentals of communication as well as identify and apply basic skills from each of the three core areas. The central outcome of this course is to help participants become better communicators in all areas of life. Participants have the ability to earn college credit upon completion.



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ADVANCED COURSES

AP ENGLISH LANGUAGE AND COMPOSITION A & B

Course Number: 111324, 111325

Grade Level: 10, 11, 12

Credits: 2, Yearlong Course



This course is designed to teach students about the art of rhetoric. Students will read, comprehend, and analyze a variety of complex texts and will write rich, stylish prose to effectively communicate to various audiences. Through reading challenging nonfiction texts, students will identify a writer's audience and purpose as well as analyze rhetorical strategies and devices. Students will also learn to evaluate, use, and cite sources effectively while writing with different styles, tones, and rhetorical strategies in both formal and informal contexts.

AP ENGLISH LIT AND COMPOSITION A & B

Course Number: 111403, 111404

Grade Level: 10, 11, 12

Credits: 2, Yearlong Course



The goal of this course is to strike a balance between the study of literature and the study (and intensive practice) of writing. Students will work to develop sophisticated skills in writing literary criticism and in analytical reading of literature of recognized merit. Texts and methods used will be the same as those used at the college level for freshman and sophomore literature survey courses.

AP CAPSTONE PROGRAM

AP Capstone™ is an innovative diploma program that helps students to stand out in the college admission process by developing the critical skills needed to succeed in college. This program immerses students in relevant topics while developing the analytical, research, problem-solving, and communication skills that colleges seek in their applicants.

There are two options for recognition within the program:

- AP Capstone Diploma™: Students who earn scores of 3 or higher on both the AP Seminar and AP Research Exams and on four additional AP Exams of their choosing will receive the diploma.
- AP Seminar and Research Certificate™: Students who earn scores of 3 or higher on the AP Seminar and AP Research Exams will only receive the certificate.

AP SEMINAR A & B

Course Number: 111407, 111408

Grade Level: 10, 11, 12

Credits: 2, Yearlong course

Recommended: English 10 Intensive or AP Language & Composition



Students will develop analytical reading and academic research skills and learn to compose research reports and argumentative essays at the collegiate level. Students will explore relevant, real-world multidisciplinary topics of their choice by considering divergent perspectives and evaluating a variety of sources. Students will complete three components contributing to the overall AP Seminar Exam score: a team project and oral presentation, an individual paper and oral presentation, and a written end-of-course exam in May. *Note: This course satisfies English 11 or English 12 or elective credit requirements.*

AP RESEARCH A & B

Course Number: 111405, 111406

Grade Level: 11, 12

Credits: 2, Yearlong course

Prerequisite: AP Seminar



In AP Research, students will deeply explore an academic topic, problem, or issue of individual interest by designing and conducting a yearlong research based investigation. Students further their skills acquired in the AP Seminar course by understanding research methodology; employing ethical research practices; and accessing, analyzing, and synthesizing information as they address their research question. The course culminates in an academic paper of approximately 4000–5000 words (accompanied by a performance or exhibition of product where applicable) and a final presentation with an oral defense. *Note: This course satisfies English 12 or elective credit requirements.*



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FAMILY AND CONSUMER SCIENCE

The courses offered in the Family and Consumer Sciences Department are designed to help students meet the challenges of their daily lives today and in the future. Making decisions, managing personal resources (money, time, and skills), being well nourished, having satisfying personal relationships, preparing for future career, parenthood, and independent living are all goals of these courses.

INTRODUCTORY COURSES

EXPLORING FOODS

Course Number: 181100

Grade Level: 9, 10, 11, 12

Credits: 1



In this course, students will study a variety of foods and methods of food preparation. Students will gain knowledge of proper food handling and kitchen safety skills, measuring techniques, recipe reading and correct usage of standard kitchen equipment. Throughout the course, students will learn to prepare various types of dishes and how they can be incorporated into a healthy diet. Students will learn to create desserts, meals and snacks from a variety of items such as poultry, meats, vegetables, fruits, dairy, eggs, and more.

INTERNATIONAL FOODS

Course Number: 181120

Grade Level: 9, 10, 11, 12

Credits: 1



This course is a culinary tour of many regions. Students will learn proper food handling and kitchen safety skills, recipe reading, and other basic cooking skills as they are introduced to the new flavors of international cuisine. Cooking techniques, equipment and recipes will represent many cultures and customs from all over the globe. Students will learn to prepare dishes representing Asian, Italian, Mexican, French cuisines and more!

INTERMEDIATE COURSES

CREATIVE FOODS

Course Number: 181121

Grade Level: 9, 10, 11, 12

Credits: 1



Students will study creative food preparation and presentation. Students will learn about food safety and sanitation, measuring techniques, tools and terms of recipes, creative food preparation techniques and meal planning. Students will prepare and sample a variety of foods with a focus on appearance from the following units: chocolate, appetizers and hors d'oeuvres, cake decorating, pies and pastries, herbs and spices, and coffee and teas.

CHILD DEVELOPMENT

Course Number: 181122

Grade Level: 10, 11, 12

Credits: 1



In this course, students will study the growth and development of children from conception through age three. Prenatal development and birth will be studied along with physical, emotional, social, and intellectual development in the newborn through the age of three. The development approach is interwoven with psychology, the science of behavior and thought. Students will have the opportunity to apply what they have learned by participating in the "Real Care Baby" parenting simulation program.



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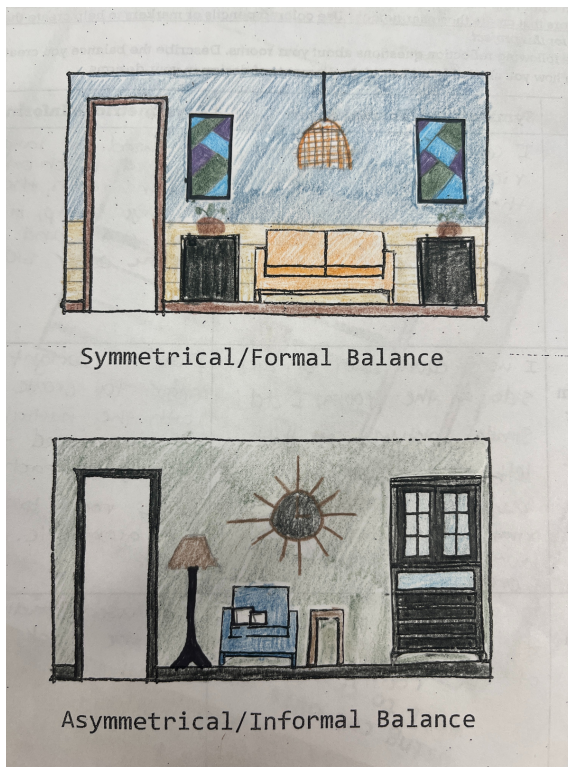
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INTERIOR DESIGN**Course Number: 181123****Grade Level: 10, 11, 12****Credits: 1, Fulfills Art Requirement**

This course explores how living space meets our varied human needs. Topics include housing needs, elements of design (line, space, form/shape, texture, and color) as they relate to interior space and principles of design (rhythm, balance, proportion, scale, emphasis, harmony, and unity). The course will also include the study of interior space, floor planning, basic decorating, and furniture arranging. Each student will develop a decorating plan for a room as the final project.

**LIVING ON YOUR OWN****Course Number: 181130****Grade Level: 11, 12****Credits: 1**

Your independent life is just around the corner, and this course is designed to prepare you for it. Students will study several aspects of independent living. Communication skills, money management, managing resources, job skills, nutrition, career exploration, consumer skills, and apartment living are the main topics studied in this course.

ADVANCED COURSES**CULINARY ARTS I****Course Number: 181131****Grade Level: 10, 11, 12****Credits: 1****Prerequisite: Exploring Foods and Creative Foods or International Foods**

This advanced course is designed for students who are interested in going into the restaurant or hospitality fields. Students will work towards mastery of intermediate level food preparation and presentation. Students will learn the skills and knowledge they need for success in the food service industry, such as: food safety and sanitation, knife skills, and operating specialized kitchen equipment. Units of study may include soups and sauces, methods of cooking, flavoring with herbs and spices, artisan pizza, plating techniques and more. Students will work closely with a mentor chef from a local food service establishment throughout the course.

**CULINARY ARTS II****Course Number: 181132****Grade Level: 10, 11, 12****Credits: 1****Prerequisite: Culinary Arts I**

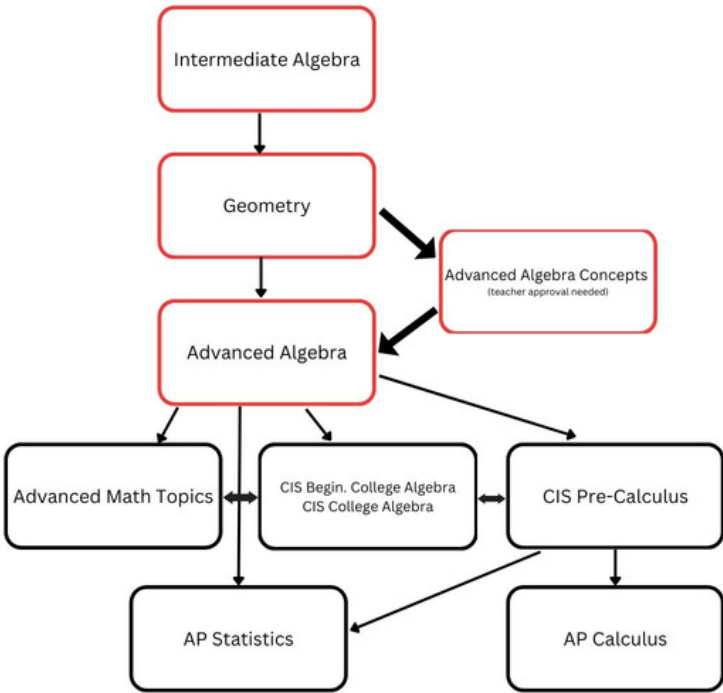
This advanced course is designed for students who are interested in going into the restaurant or hospitality fields. Students will continue their mastery of food safe handling procedures, knife skills and cooking skills. Units of study may include breakfast cookery, cooking methods, plating techniques, artisan breads and specialty desserts. Additional emphasis on restaurant management skills. Students will work closely with a mentor chef from a local food service establishment throughout the course.

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MATHEMATICS EDUCATION

Graduation requirements for mathematics are as follows:

- 6 mathematics credits in Grades 9 – 12
- Successful completion of Advanced Algebra A and B



REQUIRED COURSES

INTERMEDIATE ALGEBRA A & B

Course Number: 141100, 141101

Grade Level: 9, 10

Credits: 2, Yearlong Course

Prerequisite: Grade 8 Algebra

Students will study each concept through example and practical applications. The course will address properties of real numbers, writing, solving and graphing linear equations and inequalities, systems of equations and inequalities, exponents and exponential functions, quadratic equations and functions, polynomials and factoring, rational equations and functions, and radicals and connections to geometry.



GEOMETRY A & B

Course Number: 141108, 141109

Grade Level: 10, 11

Credits: 2, Yearlong Course

Prerequisite: Intermediate Algebra

This course includes such topics as reasoning and proof; parallel and perpendicular lines; congruent triangles; properties of triangles, quadrilaterals, and circles; transformations; similarity; right triangle trigonometry; and area, surface area, and volume of a variety of shapes. Students will apply algebra skills throughout the course.



GEOMETRY INTENSIVE A & B

Course Number: 141200, 141201

Grade Level: 9

Credits: 2, Yearlong Course

Prerequisite: Grade 8 Intermediate Algebra honors level course

The course will include all geometry standards and topics, but will move at a faster pace and include more rigor.

ADVANCED ALGEBRA A & B

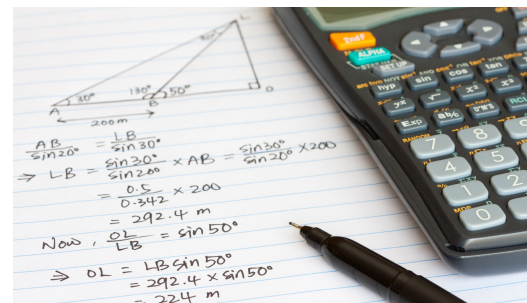
Course Number: 141202, 141203

Grade Level: 10, 11, 12

Credits: 2, Yearlong Course

Prerequisite: Geometry

The course will address solving equations, inequalities, and systems. The course will examine the following types of functions: linear, quadratic, polynomial, exponential, logarithmic, rational, and trigonometric. Additional topics include powers, radicals, sequences and series, and probability and statistics. Students study each mathematical idea in depth through application and practical problems, providing opportunities to understand the importance of math in everyday life.



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ADVANCED ALGEBRA INTENSIVE A & B**Course Number: 141204, 141205****Grade Level: 10, 11****Credits: 2, Yearlong Course****Prerequisite: Geometry**

This course will include all advanced algebra standards and topics, but will move at a faster pace and include more rigor.

ELECTIVE COURSES**ADVANCED MATH TOPICS A & B****Course Number: 143302, 143303****Grade Level: 11, 12****Credits: 2, Yearlong Course****Prerequisite: Advanced Algebra**

This course builds on the topics in Advanced Algebra to explore algebra, probability, and statistics topics in context. Topics include probability calculations and models, descriptive statistics, savings and borrowing models, management science, and linear programming. *Students who earn 80% or higher (in each semester) and enroll in Central Lakes College may enter MATH 1460 Introduction to Statistics or MATH 1441 Concepts in Mathematics at Central Lakes College within two years without taking a placement test.*

ADVANCED COURSES**CIS INTRODUCTION TO COLLEGE ALGEBRA****Course Number: 143304****Grade Level: 11, 12****Credits: 1****Additional Credit Option: CLC MATH 1520 – 3 cr.****Prerequisite: Advanced Algebra****Required: High School GPA 2.8**

Designed to prepare students for College Algebra. This course will intensify the study of concepts first seen in Intermediate Algebra, as well as introduce topics including College Algebra. A basic understanding of solving equations and using function notation will be expected, so that students can investigate solving systems of equations in three variables, systems of nonlinear equations, polynomial equations, and basic exponential and logarithmic equations. Additionally, function operations and graphing function transformations will be introduced and explored.

CIS COLLEGE ALGEBRA**Course Number: 143305****Grade Level: 11, 12****Credits: 1****Additional Credit Option: CLC MATH 1470 – 3 credits****Prerequisite: CIS Intro to College Algebra****Required: High School GPA 2.8**

This course includes topics such as functions and graphs, equations and inequalities, polynomial functions, rational functions, inverse functions, exponential functions, logarithmic functions, sequences and series, systems of equations and inequalities, and problem solving. A graphing approach is used and therefore the use of a graphing calculator will be highly emphasized.

PRE-CALCULUS I**Course Number: 141306****Grade Level: 11, 12****Credits: 1****Prerequisite: Advanced Algebra****Recommended: "B" average or above in Advanced Algebra or teacher approval**

Pre-Calculus courses are designed for students with strong Algebra skills that are planning to take Calculus in the future. This course will explore the mathematical topics necessary for a successful transition from Algebra to advanced math courses in college. Students will explore topics including, equation solving, functions (polynomial, radical, rational, exponential, logarithmic, trigonometric, and inverse trig), identities, applications, and parametric/polar graphing.

CIS PRE-CALCULUS II**Course Number: 141307****Grade Level: 11, 12****Credits: 1****Additional Credit Option: CLC MATH 1472 - 5 cr.****Prerequisite: Pre-calculus I****Required: Accuplacer or ACT cut score required for CLC credit option**

This course includes college level rigor, career exploration, and college credit. This course will explore the mathematical topics necessary for a successful transition from Advanced Algebra to advanced math courses in college. Students will explore topics including, equation solving, functions (polynomial, radical, rational, exponential, logarithmic, trigonometric, and inverse trig), identities, applications, and parametric/polar graphing.

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AP CALCULUS A & B

Course Number: 141308, 141309

Grade Level: 11, 12

Credits: 2, Yearlong Course

Prerequisite: CIS Pre-Calculus II



This course is the study of differential calculus. A derivative is a slope at an instant, which allows students to find rates of changes on curves and predict maximum and minimum values of functions. Students will study integral calculus and the fundamental theorem of calculus. These two concepts will allow a student to find the area and volume of any shape bounded by a function.

AP STATISTICS A & B

Course Number: 141310, 141311

Grade Level: 11, 12

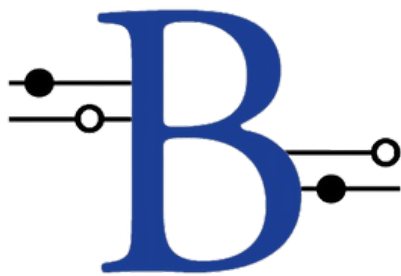
Credits: 2, Yearlong Course

Prerequisite: Advanced Algebra



Statistics is the tool used to make decisions in the fields of business, social sciences, human sciences, and political science. Individuals wishing to succeed in these fields should have a working knowledge of statistics. Topics include exploratory data analysis, experimental design, probability, sampling and probability distributions, and statistical inference. College bound students with a strong advanced algebra background should be successful.

MUSIC



BRAINERD MUSIC

The purpose of the Music Department is to provide students with a broad, varied program of music education. Bands, choirs, orchestras, ensembles, independent studies, and lessons are offered for that purpose. There is a definite responsibility in being a member of any music performance group. There will be some after school rehearsals and concerts during the year. A student is expected to participate for the full year. Where there are problems with these expectations, a student should see the director when registering. Students are encouraged to join the music programs at any time. Beginning students may join a high school musical group with teacher approval. New students wishing to start an instrument should consider taking an Independent study course.

Note: Private Lessons can be arranged by contacting the band, choir or orchestra directors.

Note: All courses fulfill Art Requirement.



BAND COURSES

VARSIITY BAND A & B

Course Number: 121100, 121101

Grade Level: 9

Credits: 2, Yearlong Course

Varsity Band focuses on individual and ensemble sound, music terminology and builds on a fundamental knowledge of the instrument. The band has four performances throughout the year. Students have the opportunity to perform in local, regional, and state honor bands.

VARSIITY BAND COMBO A & B

Course Number: 121102, 121103

Grade Level: 9

Credits: 1, Yearlong Course

Identical course to Varsity Band but taken in combination with either Varsity Choir Combo or Varsity Orchestra Combo. Students will split rehearsal time between ensembles. *Two "combo" classes fill one hour of the student's schedule.*



CONCERT BAND A & B

Course Number: 121104, 121105

Grade Level: 10, 11, 12

Credits: 2, Yearlong Course

Prerequisite: Varsity Band



This course is designed for students who have a fundamental knowledge of their instrument. Fundamentals of ensemble playing will be developed with an emphasis on the student's selected instrument. Concert Band meets every day, performs four concerts during the year, and participates in large group contests. *Members also perform in the BHS Pep Band. Students may repeat this course.*

WIND SYMPHONY A & B

Course Number: 121108, 121109

Grade Level: 10, 11, 12

Credits: 2, Yearlong Course

Required: Audition



This course is designed for the highly accomplished wind/percussion student. This select ensemble studies advanced wind band literature with special emphasis on performance. Wind Symphony meets every day, performs numerous concerts during the year, participates in large group contest, and goes on an annual spring tour. Members also perform in the BHS Marching Band and Pep Band. Sectionals are required once a week outside of class time. *Students may repeat this course.*

SYMPHONIC BAND A & B

Course Numbers: 121106, 121107

Grade Level: 10, 11, 12

Credits: 2, Yearlong Course

Required: Audition



This course is designed for the accomplished wind/percussion student. The band focuses on ensemble tone production, music terminology, and instrument knowledge. The band has several performances throughout the year including large group contest, and an annual spring tour. Students have the opportunity to participate in local, regional and state honor bands, as well as solo/ensemble contest. Members also perform in the BHS Marching and Pep Bands. Sectionals are required once a week outside of class time. *Students may repeat this course.*

JAZZ ENSEMBLE A & B

Course Numbers: 121112, 121113

Grade Level: 10, 11, 12

Credits: 2, Yearlong Course

Required: Audition



This course is a select jazz ensemble that performs numerous times throughout the year and participates in regional solo/ensemble and jazz festivals. Advanced jazz literature, theory, and improvisation are studied with an emphasis on individual performance. *Students may repeat this course.*



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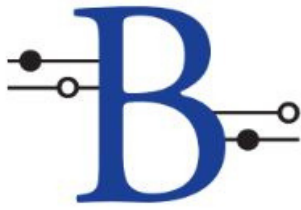


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CHORAL COURSES



BRAINERD CHOIR HIGH SCHOOL

Varsity Choir A & B

Course Number: 121300, 121301

Grade Level: 9

Credits: 2, Yearlong Course

Varsity Choir focuses on individual and ensemble sound, music terminology and builds on a fundamental knowledge of the singing voice. The choir has four performances throughout the year. Students have the opportunity to perform in local, regional, and state honor choirs.

Varsity Choir Combo A & B

Course Number: 121302, 121303

Grade Level: 9

Credits: 1, Yearlong Course

Identical course to Varsity Choir but taken in combination with either Varsity Band Combo or Varsity Orchestra Combo. Students will split rehearsal time between ensembles. *Two "combo" classes fill one hour of the student's schedule.*

Bards A & B

Course Number: 121306, 121307

Grade Level: 10, 11, 12

Credits: 2, Yearlong Course

This course is designed for the confident student singing Tenor or Bass. The choir focuses on ensemble tone production, music terminology, and knowledge of the singing voice. The choir has several performances throughout the year including large group contest. Students have the opportunity to participate in local, regional and state honor choirs, as well as solo/ensemble contest. *Students may repeat this course.*



Concert Chorale A & B

Course Number: 121304, 121305

Grade Level: 10, 11, 12

Credits: 2, Yearlong Course

This course is designed for the confident student singing Soprano or Alto. The choir focuses on ensemble tone production, music terminology, and knowledge of the singing voice. The choir has several performances throughout the year including large group contest. Students have the opportunity to participate in local, regional and state honor choirs, as well as solo/ensemble contest. *Students may repeat this course.*



A Cappella Choir A & B

Course Number: 121310, 121311

Grade Level: 11, 12

Credits: 2, Yearlong Course

Required: Audition

This course is for the highly confident and independent singer. This select choir studies advanced choral literature with an emphasis on performance. The choir performs numerous times throughout the year, records, and tours each spring. Students have the opportunity to participate in local, regional and state honor choirs, as well as solo/ensemble contest. Sectionals outside of class time are required once a week. *Students may repeat this course.*



Cantabile Choir A & B

Course Number: 121312, 121313

Grade Level: 11, 12

Credits: 2, Yearlong Course

Required: Audition

This course is the same as A Cappella Choir. *Students may repeat this course.*



Windfall A & B

Course Number: 121308, 121309

Grade Level: 11, 12

Credits: 2, Yearlong Course

Required: Audition

This select choir performs many different genres of chamber music from Madrigals to Vocal Jazz. This group meets daily, performs many concerts throughout the community, and may travel as opportunities arise. Members of this group are expected to learn music independently and must be available for the many concerts that are scheduled. *Students may repeat this course.*



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ORCHESTRA COURSES

VARSITY ORCHESTRA A & B

Course Number: 121200, 121201

Grade Level: Grade 9 and 10, 11, 12 beginning string players

Credits: 2, Yearlong Course

Varsity Orchestra focuses on fundamentals of playing in tune, tone production, and ensemble playing. Varieties of musical styles are explored.

VARSITY ORCHESTRA COMBO A & B

Course Number: 121202, 121203

Grade Level: Grade 9

Credits: 1, Yearlong Course

Identical course to Varsity Orchestra but taken in combination with either Varsity Band Combo or Varsity Choir Combo. Students will split rehearsal time between ensembles. *Two "combo" classes fill one hour of the student's schedule.*



SINFONIA ORCHESTRA A & B

Course Number: 121204, 121205

Grade Level: 9, 10, 11, 12

Credits: 2, Yearlong Course

Required: Audition or teacher approval, (Violins: Completion of Suzuki Book 3) (Violas, Cellos, and Bass: Completion of Suzuki Book 2)

Sinfonia Orchestra is for the emerging string student already playing in tune and with good tone. Sinfonia Orchestra meets every day and studies various styles of classical music, may travel and performs three or more concerts a year. Solid orchestral technique will be developed and emphasis will be placed on competent string playing. *Students may repeat this course.*



CHAMBER ORCHESTRA A & B

Course Number: 121206, 121207

Grade Level: 9, 10, 11, 12

Credits: 2, Yearlong Course

Required: Audition or teacher approval

Violins: Completion of Suzuki Book 4

Violas, Cellos, and Bass: Completion of Suzuki Book 3

This is a concerto level orchestra, which studies and performs difficult orchestral music with mastery. Chamber Orchestra meets every day, performs numerous times throughout the year, travels, and makes recordings. In addition to meeting during the school day, sectional rehearsals are a requirement and are held one day a week. Chamber Orchestra features guest artists and advanced student soloists. *Students may repeat this course.*



ELECTIVE COURSES

ACOUSTIC GUITAR

Course Number: 121208

Grade Level: 9, 10, 11, 12

Credits: 1

This is a class for beginning guitar students. The study of non-electric, acoustic guitar in a class setting that is individualized. Classical guitars are provided for use in school. Students will learn to read music as they play the guitar. Various styles of guitar music will be studied and performed. Basic knowledge of chords and theory will be studied. This course meets every day. *This course may perform one concert per semester.*



ACOUSTIC GUITAR ENSEMBLE

Course Number: 121209

Grade Level: 10, 11, 12

Credits: 1

Prerequisite: Acoustic Guitar

This course is designed for students who already have guitar playing experience. This course will go beyond the basic knowledge of chords and music theory. Fundamentals of ensemble playing will be developed using Acoustic guitars in various styles of music, from Classical guitar to Blues to Classic Rock. *Acoustic nylon string guitars are available to use in class or students can bring their own acoustic guitars. This ensemble will perform at least one concert per semester.*



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ADVANCED COURSES

AP MUSIC THEORY A & B

Course Number: 121400, 121401

Grade Level: 11, 12

Credits: 2, Yearlong Course



This course parallels the basic Music Theory I curriculum at the college level. It focuses on developing both written and aural (listening) skills. Students will develop musicianship skills such as melodic and harmonic dictation, key relationships, Roman numeral analysis, score reading, sight singing and formal analysis. Students will be asked to express their understanding through composition.



INTRODUCTORY COURSES

SPORTS AND FITNESS I

Course Number: 151101

Grade Level: 9, 10, 11, 12

Credits: 1

This beginning level class is for the student who wants to learn and get involved in games and activities. This course will encourage students to learn the rules, practice the skills, and develop overall physical fitness through a variety of activities. Underlying all of our activities is the general concept that students will gain a better understanding of lifetime fitness and how to apply it now and in the future.

STRENGTH AND CONDITIONING I

Course Number: 151103

Grade Level: 9, 10, 11, 12

Credits: 1

This class is a beginning level class designed with an emphasis on understanding the importance of strength development for both athletics and lifetime fitness. Student will be working out in the high school weight room for up to four days with our non-workout days used for gym activities. The strength you will gain in this course will allow you to jump higher, run faster, and be more explosive in your movement.

STRENGTH AND CONDITIONING FOR FEMALES I

Course Number: 151106

Grade Level: 9, 10, 11, 12

Credits: 1

This course is designed for females with an emphasis on understanding the importance of strength development for both athletics and lifetime fitness. In this class, students will be involved in weight lifting along with styles of workouts to improve strength and gain knowledge for their lives. *Students may repeat this course.*

HEALTH AND PHYSICAL EDUCATION

All Brainerd High School students are required to take Health, Wellness and Fitness. In addition, students must take an additional credit in a Physical Education or Health Course. Students may take additional courses as elective credits. *A maximum of one physical education course per semester.*

REQUIRED COURSES

HEALTH, WELLNESS AND FITNESS

Course Number: 151100

Grade Level: 9, 10, 11, 12

Credits: 1



This is a one-semester course required for all students. The health topics include the following areas; nutrition, CPR, drug use and abuse, physical fitness, self-esteem, stress, depression, suicide prevention, reproductive health, healthy and unhealthy coping skills, and relationships. Students will apply a decision making model to help make choices regarding health issues. This course will also include strength and cardiovascular training components and a variety of game activities.



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INTERMEDIATE COURSES

AQUATIC SPORTS AND FITNESS

Course Number: 151108

Grade Level: 10, 11, 12

Credits: 1

Prerequisite: Health, Wellness, and Fitness

Students will work on the fundamentals of swimming technique that fits the ability of the individual student. Activities may include, but are not limited to, water polo, basketball volleyball, diving contests and more. Classes will be in the pool 3-4 days a week, the other days will be spent participating in other fitness and game activities. *Students may repeat this course.*

LIFEGUARD TRAINING

Course Number: 151110

Grade Level: 9, 10, 11, 12

Credits: 1

Prerequisite: Need to be 15 years of age by the last day of the course.

Welcome to Lifeguard Training! We are a certification course through the American Red Cross. Upon successful completion, students will have certifications in Lifeguarding (LG), including CPR for the Professional Rescuer and AED. Because this certification process is through the American Red Cross (ARC), the instructor must adhere to ARC standards when it comes to attendance, grading, and assignment completion. Additional topics covered in this course will be basic swim stroke mechanics and techniques.



LIFETIME FITNESS

Course Number: 151109

Grade Level: 10, 11, 12

Credits: 1

Prerequisite: Health, Wellness, and Fitness

This course is only offered online and is designed for the student who is looking for an alternative course to improve their fitness level and become healthier. Students will learn how to set a personal fitness plan and write a personal fitness goal for the semester. Students will participate in and enjoy a variety of fitness activities in a non-competitive setting. Activities may include but are not limited to, walking, biking, Pilates, yoga, Frisbee golf, and strength and flexibility training. *Students may repeat this course.*



SPORTS AND FITNESS II

Course Number: 151102

Grade Level: 10, 11, 12

Credits: 1

Prerequisite: HWF & Sports and Fitness I

This advanced level course is for the student who wants to actively participate in games and activities in a more competitive setting. The games and activities in this course will help students develop and improve their personal fitness levels. Underlying all of our activities is the general concept that students will gain a better understanding of lifetime fitness and how to apply it now and in the future. *Students may repeat this course.*

STRENGTH AND CONDITIONING II

Course Number: 151104

Grade Level: 10, 11, 12

Credits: 1

Prerequisite: HWF & Strength and Conditioning I

This course is designed to improve overall body strength, flexibility, and cardiovascular fitness. Students will design and implement a personal strength program and learn about the principles necessary to improve strength and conditioning.

YOGA I

Course Number: 151202

Grade Level: 11, 12

Credits: 1

Prerequisite: Health, Wellness and Fitness

Lifetime skills such as stress management, and relaxation will be introduced in this course. Students will be introduced to the practice of Yoga, through stretching and breathing techniques. Students will also work on basic fitness and body strength to enhance the yoga practice. Students may repeat this course.

YOGA II

Course Number: 151203

Grade Level: 11,12

Credits: 1

Prerequisite: Yoga I

Yoga II will review technique and poses from Yoga I. Students will be introduced to advanced yoga poses and yoga terminology. Students will enhance basic fitness and body strength towards their yoga practice through group and individual work. *Students may repeat this course.*



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ADVANCED COURSES

ADVENTURE AND CHALLENGE

Course Number: 151201

Grade Level: 11, 12

Credits: 1

Prerequisite: Health, Wellness, and Fitness

This course will include activities that will help develop team building, problem solving, and trust. Activities will include icebreakers, initiative challenges, and trust building activities. More advanced activities will include canoeing and kayaking, indoor sport climbing, high ropes course, snowshoeing and sledding. *Students may repeat this course.*

STRENGTH AND CONDITIONING III

Course Number: 151105

Grade Level: 10, 11, 12

Credits: 1

Prerequisite: Health, Wellness, and Fitness & Strength and Conditioning I and a BHS Athlete (In season or Out of season)

This is an advanced level class for student athletes who want to continue to develop total body strength and agility. Students will have the opportunity to work with BHS staff to build and maintain strength for their sports. Programs will be set up for in-season athletes as well as for off-season athletes. Staff will work with the high school coaching and athletic department to build a program that will meet the strength needs for all of our athletes. *Students may repeat this course.*

HEALTH ELECTIVES

HUMAN BIOLOGY A

Course Number: 161304

Grade Level: 10, 11, 12

Credits: 1, Science Elective

Additional Credit Option: CLC BIOL 1404 – 3 cr

Prerequisite: Biology

This course introduces the structure and function of the human body. Topics include the following body system: integumentary, digestive, cardiovascular, lymphatic, and respiratory. Laboratory sessions will include dissection (sheep head). *If college credit is desired, students must also enroll in CIS Human Biology B*

CIS HUMAN BIOLOGY B

Course Number: 161305

Grade Level: 10, 11, 12

Credits: 1, Science Elective

Additional Credit Option: CLC BIOL 1404 – 3 cr

Prerequisite: Human Biology A

Required: Accuplacer score of 237 in reading

This course introduces the structure and function of the human body. Topics include the following body systems: excretory, skeletal, muscular, nervous, endocrine, & reproductive. Laboratory sessions will include dissection (fetal pig & sheep eye). *Note: Students will have the option of concurrently enrolling in CIS Medical Terminology*



CIS MEDICAL TERMINOLOGY

Course Number: 165314

Grade Level: 11, 12

Credits: 1

Additional Credit Option: CLC HINS 1360 - 3 cr

Additional Credit Option: Articulated College

Credit from CLC

Prerequisite: Biology

Required: Accuplacer score of 237 in reading

Students will learn to identify medical terminology from key word parts. This online course includes word analysis by study of root words, prefixes, suffixes, and abbreviations common to the medical profession. *This course is only offered online.*



NURSING ASSISTANT

Course Number: 161313

Grade Level: 11, 12

Credits: 1

Prerequisite: Need to be 15 years of age by the last day of the course.

This course provides instruction of basic human needs and basic nursing skills. Classes are scheduled at an offsite facility in the Brainerd Lakes Area. Instruction is designed for students to apply practical application of learned skills and prepare them for the Minnesota nurse aide skill test, leading to Nursing Assistant certification (CNA). This course meets State and Federal requirements for placement on the State Registry. *Students must earn a grade of "C" or better to pass the course. Attendance is mandatory; no more than one class can be missed, and the missed class must be made up. Transportation is required for participation in this course and support is available for those without available transportation. Upon receiving certification, students will be placed into an internship with an area healthcare provider.*



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SCIENCE EDUCATION

GRADUATION REQUIREMENTS: 6 SCIENCE CREDITS

To meet all MN science standards and credit requirements, students in grades 9-12 must successfully complete:

- 1 year (2 credits) of Biology,
- 1 year (2 credits) of Physical Science or Chemistry or Physics, and
- 1 year (2 credits) of science electives.

For the class of 2027 and beyond, the elective science credits must include at least 1 credit of a course that fulfills the Earth and Space Science Standards requirements, such as Earth and Space, Earth and Climate, or another course that meets these standards.

As summarized in the table below, several options exist for students to complete the science requirements, which allows for flexible pathways based on students’ interests and academic goals. While Biology A & B is a grade 9 course, most other courses may be taken by any student in grades 10-12 who meet the prerequisites. Students are encouraged to consider additional science electives beyond the minimum 6 credits. Agricultural Science courses may also fulfill science elective credits.

Options*	Courses
Option 1 <small>(Classes of 2025 & 2026 ONLY)</small>	<ul style="list-style-type: none"> • Biology A & B (2 Credits) • Physical Science 9 A & B OR Chemistry A & B OR Physics A & B (2 Credits) • Science Electives (2 Credits)
Option 2	<ul style="list-style-type: none"> • Biology A & B (2 Credits) • Chemistry A & B (2 Credits) OR Physics A & B (2 Credits) • Earth & Space (1 Credit) OR Earth & Climate (1 Credit) • Science Elective (1 Credit)
Option 3	<ul style="list-style-type: none"> • Biology A & B (2 credits) • Earth & Space and Earth & Climate (2 credits) • Chemistry A & B OR Physics A & B (2 credits)
Option 4	<ul style="list-style-type: none"> • Biology A & B (2 credits) • Chemistry A & B (2 credits) • Physics A & B (2 credits)
Option 5	<ul style="list-style-type: none"> • Biology A & B (2 credits) • Chemistry A & B OR Physics A & B (2 credits) • CIS OR AP Science courses (2 credits)

*Additional pathways exist beyond these options, including the use of rigorous course waivers to substitute an AP or CIS course for a required science course. Check with your science teacher or counselor to discuss alternative choices to meet requirements.

REQUIRED COURSES

BIOLOGY A & B

Course Number: 161200, 161201

Grade Level: 9

Credits: 2, Yearlong Course

Graduation Requirements: **Biology/Life Science standards (full)**

This yearlong course will engage students in three-dimensional learning through storylines as they make observations, ask scientific questions, and design their own investigations to develop explanations for real world biological phenomena and events. Students will explore how ecosystems work, the management of wildfires, the biological basis of cancer, the effect of urbanization on wildlife, and how polar bears have evolved through five units of study, including: 1) Ecosystem Interactions and Dynamics, 2) Ecosystems: Matter & Energy, 3) Inheritance & Variation of Traits, 4) Natural Selection & Evolution of Populations, and 5) Common Ancestry & Speciation.



EARTH & SPACE

Course Number: 161209

Grade Level: 10, 11, 12

Credits: 1

Graduation Requirements: **Earth & Space Science standards (partial)**

Prerequisite: **Biology**

This course explores the phenomena of our planet and the universe. We will delve into the fundamental principles of astronomy and Earth's dynamic processes. Students will investigate tectonic plate movement, and gain insights into the formation and evolution of celestial bodies, including stars, planets, and galaxies. Through preliminary research, experimentation, and interactive simulations, students will develop a deeper understanding of the natural world and our place within the cosmos. Join us on a journey of scientific discovery, from Earth's core to the farthest reaches of the cosmos. **Completion of this course along with either the Earth & Climate course or Chemistry A & B will successfully fulfill the MN Earth and Space Science standards requirements.*



EARTH & CLIMATE

Course Number: 161210

Grade Level: 10, 11, 12

Credits: 1

Graduation Requirements: **Earth & Space Science standards (partial)**

Prerequisite: **Biology**

This course explores the intricate relationships between the Earth's atmosphere, geosphere, hydrosphere, and biosphere. Through hands-on experiments, data analysis, and engaging discussions, students will investigate the science behind climate patterns, geological processes, and environmental sustainability. Discover the impact of human activities on the environment and examine solutions to mitigate these effects. Gain essential scientific literacy and critical thinking skills as you uncover the forces that shape the world around us and learn how to make informed decisions for a more sustainable future. **Completion of this course along with either the Earth & Space course or Physics A & B will successfully fulfill the MN Earth and Space Science standards requirements.*



CHEMISTRY A & B

Course Number: 161202, 161203

Grade Level: 10, 11, 12

Credits: 2, Yearlong Course

Graduation Requirements: **Chemistry standards (full); Earth & Space Science standards (partial)**

Prerequisite: **Biology**

In this yearlong course, students will explore matter, energy, and reactions at the atomic and molecular levels as they investigate their questions about real-world phenomena and life experiences. With an emphasis on developing scientific skills to form explanations based on evidence, students will understand how climate change affects coastal communities, the cause of lightning, the availability of natural resources, the effects of ocean acidification, and the potential for alternative fuels for vehicles. Chemistry includes five units of study: 1) Thermodynamics in Earth's Systems, 2) Structure and Properties of Matter, 3) Molecular Processes in Earth's Systems, 4) Chemical Reactions in our World, and 5) Energy from Chemical and Nuclear reactions. **Completion of this course along with either the Earth and Space course or Physics A & B will satisfy the Earth and Space Science standards requirements.*



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PHYSICS A & B

Course Number: 161306, 161307

Grade Level: 10, 11, 12

Credits: 2, Yearlong Course

Graduation Requirements: Physics standards (full); Earth & Space Science standards (partial)

Prerequisite: Biology

In this yearlong course, students will gain a concise, immersive understanding of physics and astronomy while exploring energy and celestial dynamics using a three-dimensional approach to learning. Students will further develop their critical thinking and problem solving skills through class discussions, interactive lectures, hands-on experiments, and virtual simulations as they observe, question, and explain phenomena such as designing reliable energy systems, Earth's internal forces, transportation safety, collisions with objects from space, the practical uses of radiation, and the nature of light found in stars. Learning will occur over six units of study, including: 1) Energy Flow from Earth's Systems, 2) Energy, Forces, and Earth's Crust, 3) Collisions and Momentum, 4) Meteors, Orbits, and Gravity, 5) Electromagnetic Radiation, and 6) Stars and the Big Bang. *Completion of this course along with either the Earth and Climate course or Chemistry A & B will satisfy the Earth and Space Science standards requirements.



ELECTIVE COURSES

Agricultural Science courses may also fulfill science elective credits. Please see the Agricultural Science section of the course registration guide for options.

INTRODUCTION TO ENVIRONMENTAL SCIENCE

Course Number: 161300

Grade Level: 10, 11, 12

Credits: 1

Graduation Requirements: Science elective

Prerequisite: Biology



This course is an introduction to environmental science which explores the human population and its impact on surrounding environments through multiple lenses. Topics include: environmental decision making, Earth systems, biodiversity, sustainable design, and population growth. Students will participate in field studies, projects, and labs. *This course is intended for learners of all levels.*



ENVIRONMENTAL SCIENCE

Course Number: 161301

Grade Level: 10, 11, 12

Credits: 1

Graduation Requirements: Science elective

Prerequisite: Biology

This course deeply investigates the environmental topics of air, water, and soil pollution, climate change, energy, and Minnesota ecology. We will also explore how environmental policy is created and implemented on a federal and state level. This is a project-based course which includes both individual and group performance assessments. This course is intended for learners of all levels.



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**WILDLIFE FORENSICS****Course Number:**161308**Grade Level:** 10, 11, 12**Credits:** 1**Graduation Requirements:** Science elective**Prerequisite:** Biology

This course introduces students to the growing field of wildlife forensics. Students will apply principles of science to collecting, analyzing, and interpreting evidence dealing with the protection and conservation of wildlife. Students will study topics in taxonomy, anatomy, wildlife identification, forensic techniques, as well as laws protecting wildlife resources.

**AP CHEMISTRY A & B****Course Number:** 161309, 161310**Grade Level:** 11, 12**Credits:** 2, Yearlong Course**Graduation Requirements:** Science elective;
Rigorous course option**Prerequisite:** Chemistry & Advanced Algebra

This is a college level introductory course. AP Chemistry-A Topics include, atomic structure, states of matter, and reactions of aqueous solutions, bonding, and kinetics. AP Chemistry-B topics include equilibrium of gaseous and aqueous systems, acid-base chemistry and equilibrium, thermochemistry, and electrochemistry. The course includes significant laboratory work. Students will take the AP chemistry exam in May.

**ADVANCED COURSES****AP BIOLOGY A & B****Course Numbers:** 161204, 161205**Grade Level:** 10, 11, 12**Credits:** 2, Yearlong Course**Graduation Requirements:** Science elective;**Rigorous course option****Prerequisites:** Biology & Advanced Algebra (or
concurrent enrollment)**Recommended:** Chemistry (or concurrent
enrollment)

This is a college-level introductory biology course with extensive laboratory work. AP Biology-A topics include chemistry of life, cells, cellular energetics, cell communication, cell cycle, and heredity. AP Biology-B topics include gene expression and regulation, natural selection, and ecology. Students will take the AP Biology exam in May.

**AP/CIS PHYSICS A & B****Course Number:** 161311, 161312**Grade Level:** 11, 12**Credits:** 2, Yearlong Course**Graduation Requirements:** Science elective;**Rigorous course option****Prerequisites:** Biology & Advanced Algebra**Recommended:** Students earned a "C" or higher in
Advanced Algebra

This course is an algebra-based, introductory college level physics sequence to support future advanced course work in the sciences. Through inquiry-based learning, students will develop critical thinking, and reasoning skills. Students will cultivate their understanding of physics and science practices as they explore: kinematics, dynamics, Newton's Laws, circular motion and universal law of gravitation, simple harmonic motion, impulse, linear momentum, collisions, work, energy, rotational motion, rotational kinematics and energy, rotational dynamics, conservation of angular momentum, and fluid dynamics.

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Build

SOCIAL STUDIES EDUCATION

The Social Studies requirements are to complete 7 credits over the course of four years. Students graduating from BHS are required to take coursework in Geography, World History, American History, Economics, and American Government. In addition, the Social Studies Department offers a variety of elective offerings for students. The department offers college level Advanced Placement classes for students who want more rigorous coursework. These courses provide the potential to earn college credits by passing the Advanced Placement Exam, which takes place during the first two weeks of May.

REQUIRED COURSES

WORLD GEOGRAPHY

Course Number: 171100

Grade Level: 9

Credits: 1

This course employs several approaches and technologies to describe the distribution of people and activities across the Earth, to explain reasons underlying the observed distribution, and to understand the significance of the arrangements. In this course, students will look for similarities and differences in the cultural features at different places, the reasons for their distribution, and the importance of these differences.

Note: Students can replace this course with AP Human Geography.



AP HUMAN GEOGRAPHY A & B

Course Number: 171101, 171102

Grade Level: 9

Credits: 2, Yearlong Course

Recommended: grade level proficiency in reading.

The purpose of this course is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of earth's surface. Topics of study will include geography's nature and perspectives, population, cultural patterns and processes, political organization of space, agricultural and rural land use, industrialization and economic development, and cities and urban land use.



WORLD HISTORY A & B

Course Number: 171200, 171201

Grade Level: 10

Credits: 2, Yearlong Course

This course will include the beginnings of human history, early civilizations, giant empires, expanding zones of exchange, the age of revolutions, a half century of crisis and achievement, the world after World War II, and the new global era. Major themes of world history shall be explored including world cultures, economic and political systems, as well as the process of state building and the creation of social structures. *Note: Students can replace this course with AP World History.*



AP WORLD HISTORY: MODERN A & B

Course Number: 171202, 171203

Grade Level: 10

Credits: 2, Yearlong Course

This college-level course is designed to explore human history from 1200 to the present and explores the major themes of world history, including people's interaction with the environment, cultures, state-building, economic systems, and social structures. There is an emphasis on the development of analytical and writing skills necessary for success at the collegiate level.



AMERICAN HISTORY A & B

Course Number: 171300, 171301

Grade Level: 11

Credits: 2, Yearlong Course

This course will include the following topics and time periods; colonization, the American Revolution, the development of the Constitution, territorial expansion, the Civil War and Reconstruction, Native American relations with the US government, industrialization, the emergence of modern America and World War I, the Great Depression and New Deal, World War II, and postwar United States to the present, including the Cold War, the Baby Boom Society, Civil Rights movement, and the 1970's to the present.

Note: Students can replace this course with AP US History



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ELECTIVE COURSES

AP US HISTORY A & B

Course Number: 171302, 171303

Grade Level: 11

Credits: 2, Yearlong Course



This course resembles the survey course experienced by the freshman and sophomore levels in college. During the year students examine the growth of the American republic from early exploration and colonization through issues of the 20th Century. This course is taught both by time period and thematically. Students will continue to develop analytical and writing skills necessary for success at the college level.

AMERICAN GOVERNMENT

Course Number: 171400

Grade Level: 12

Credits: 1



This course provides an understanding of the U.S. Constitution. The course will also examine the executive, legislative, and judicial branches as well as the two party systems, the electoral process, and the role of interest groups. In addition, issues at the state and local level will be surveyed.

AP AMERICAN GOVERNMENT

Course Number: 171304

Grade Level: 11, 12

Credits: 1



This course will require an intensive look at the constitutional underpinnings of American government; the political beliefs and behaviors of citizens, political parties, and interest groups; the institutions and policy processes of the national government; and the status and development of civil rights and civil liberties. Students will continue to develop and use analytical and writing skills necessary for success at the college level.

ECONOMICS

Course Number: 171401

Credits: 1

Grade Level: 12



This course is designed to provide students with the analytical skills to evaluate issues in global, national, and personal economics. The course will also focus on developing an understanding of personal finance, life skills and lessons that students will be able to use throughout their lives.

CRIMINAL JUSTICE

Course Number: 171206

Grade Level: 10, 11, 12

Credits: 1



This course gives students practical knowledge and familiarity with the workings of the Criminal Justice System. The nature and impact of crime is explored, and includes an overview of the Criminal Justice System, law enforcement, the court systems, trial processes, and the corrections and penal systems. This course will include a project of student choice with instructor approval.

PSYCHOLOGY

Course Number: 171207

Grade Level: 10, 11, 12

Credits: 1



This course will include study of the methods of and approaches to psychology, neurobiology and behavior, sensation and perception, learning and memory, human development, emotions, motivation, states of awareness, personality, and relationships. The course will include a research paper and presentation.

AP PSYCHOLOGY

Course Number: 171305

Grade Level: 11, 12

Credits: 1



A survey course that provides students a systematic and scientific study of human behavior and mental processes. Students will study the psychological facts, principles, and phenomena associated with the major approaches to psychology. Psychological research methods and statistical analysis will also be reviewed.

SOCIOLOGY

Course Number: 171208

Grade Level: 10, 11, 12

Credits: 1



Sociology studies how human thought and our life experiences, parents, peers, school, and mass media shape behaviors. Course topics include exploring cultural differences, the impact of music/mass media, cults, countercultures, deviance, drugs, prison, and multicultural issues. Expect numerous films, discussions, and open-ended projects.



Warrior Career Pathways



Agriculture & Nature



Creative



Business & Tourism



Design & Build

WORLD LANGUAGES EDUCATION

Spanish and American Sign Language are offered at Brainerd High School as yearlong, second language courses. Many colleges have an entrance requirement; most recommend two consecutive years of successful high school language study. Check with the colleges in which you are interested to review their specific entrance and exit requirements. Juniors and seniors in Spanish Year III or higher may have the opportunity to participate (at their own expense) in a trip abroad, including a family stay in a Spanish-speaking country. Spanish is offered in person only and ASL is offered in person and also online through Brainerd Online School.

INDIGENOUS COURSES

INTRODUCTION TO INDIGENOUS LANGUAGE & CULTURE

Course Number: 131600

Grade Level: 9, 10, 11, 12

Credits: 1



This course is an introduction to Native American history and culture with a focus on learning ojibwemowin, the Ojibwe language. The language offers key insights into the formation and transmission of Ojibwe cultural identities and worldviews. The course is part of larger community efforts to retain and use ojibwemowin and contribute to world-wide efforts to preserve Indigenous languages. Native and non-Native students in this course will develop an understanding of ojibwemowin through cultural and language perspectives.



ASL COURSES

AMERICAN SIGN LANGUAGE I A & B

Course Number: 131512, 131513

Grade Level: 9, 10, 11, 12

Credits: 2, Yearlong Course

Recommended: 2.75 GPA



Students will learn essential building blocks for ASL Communication and the basic difference linguistically between English and ASL. They will present information, be able to describe content and communicate ideas in ASL. The coursework includes; receptive and expressive activities, expressive video projects, self-evaluation of video projects, vocabulary development, grammar/facial expression, sentence structure, fingerspelling, conversational behaviors and awareness of Deaf culture. This is an advantageous course in any career path you decide to follow such as, medical, law enforcement or interpretation.



AMERICAN SIGN LANGUAGE II A & B

Course Number: 131522, 131523

Grade Level: 10, 11, 12

Credits: 2, Yearlong Course

Prerequisite: American Sign Language I



Students will build on their ASL 1 Foundation by increased rigor with exposure to a variety of topics and situations. The coursework includes receptive and expressive activities, expressive video projects, self-evaluation of video projects, vocabulary expansion, a greater in-depth learning of culturally navigating everyday encounters, and using ASL outside the classroom to participate in Deaf community events



Health & Human Services



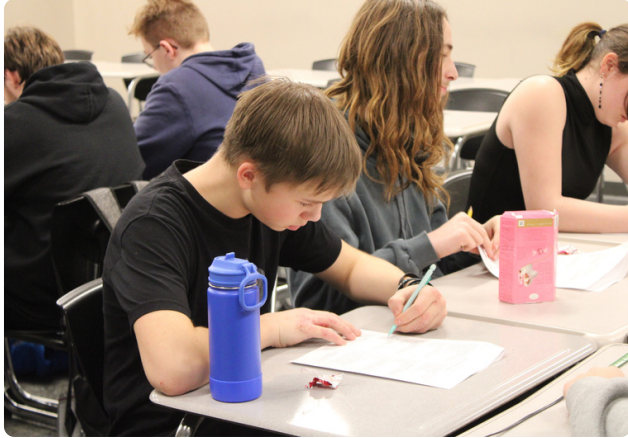
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SPANISH COURSES

SPANISH I A & B

Course Number: 131510, 131511

Grade Level: 9, 10, 11, 12

Credits: 2, Yearlong Course

Recommended: 2.75 GPA



First year language is designed to develop essential skills in the areas of conversation, writing, and reading. Emphasis is on understanding and responding in the target language. Grammatical structures studied provide the necessary foundation for continued study. Cultural study is included to enrich the overall understanding of the language.

SPANISH II A & B

Course Number: 131520, 131521

Grade Level: 10, 11, 12

Credits: 2, Yearlong Course

Prerequisite: Spanish I



Recommended: "C" average or above in Spanish I
Students are able to use their knowledge of the language largely by expanding and improving their communication. Skills learned in the first year are increased with emphasis that is more grammatical. Supplementary materials are used to facilitate learning and enhance cultural insights.

SPANISH III AND CIS SPANISH III A & B

Course Numbers 131530, 131531

Grade Level: 11, 12

Credits: 2, Yearlong Course

Additional Credit Option: CLC SPAN 2401 - 3 cr

Prerequisite: Spanish II

Recommended: "C" average or above in Spanish II

Third year Spanish gives the student the opportunity to refine the skills they have already developed and through advanced grammar study, short readings, oral skill practice, and cultural studies, the third year student begins to reach limited proficiency in the target language. College credit is available through CLC after successful completion of the second semester.



SPANISH IV A & B

Course Number:131540, 131541

Grade Level: 12

Credits: 2, Yearlong Course

Prerequisite: Spanish III

Recommended: "C" average or above in Spanish III



The fourth year and the Advanced Placement courses are combined. Students will continue to improve all aspects of language learning, listening, speaking, reading, and writing. Class discussions, literature, writings, history, and culture offer the basis for vocabulary, speaking, and grammar lessons. Regular oral and written assignments are required. *The only difference between Spanish IV and AP Spanish is the AP Exam in May.*

AP SPANISH A & B

Course Number: 131542, 131543

Grade Level: 12

Credits: 2, Yearlong Course

Prerequisite: Spanish III

Recommended: "C" average or above in Spanish III



The fourth year and the Advanced Placement courses are combined. Students will continue to improve all aspects of language learning, listening, speaking, reading, and writing. Class discussions, literature, writings, history, and culture offer the basis for vocabulary, speaking, and grammar lessons. Regular oral and written assignments are required.



Warrior Career
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Agriculture
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Creative



Business &
Tourism



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RAINERD ONLINE SCHOOL (BOS)

Brainerd Online School (BOS) is an online program to provide students with the opportunity to: experience an online learning environment in courses designed by Brainerd High School teachers; meet a scheduling need; enroll in classes not provided during the school day; and/or fulfill a need not being met in the physical space. In online courses, students will have the flexibility to complete course content online when and wherever it works best with their schedule. Content is released weekly with remote and in-person teacher support. These courses include the same content and pacing as their in-person counterpart. Online courses are best suited for self-motivated students who have well-established time management skills

For the 2024-25 School Year, Brainerd Online School will be offering the following online courses:

ARTS

VIDEO GAME DESIGN I

Course Number: 125501
Grade Level: 9, 10, 11, 12
Credits:1

VIDEO GAME DESIGN II

Course Number: 125502
Grade Level: 9, 10, 11, 12
Credits:1
Prerequisite: Video Game Design I

DRAWING

Number: 125522
Grade Level: 10, 11, 12
Credits: 1
Prerequisite: Intro to Visual Arts

DIGITAL PHOTOGRAPHY

Number: 125530
Grade Level: 10, 11, 12
Credits: 1

ASL

AMERICAN SIGN LANGUAGE I A & B

Course Number: 135512, 135513
Grade Level: 9, 10, 11, 12
Credits: 2, Yearlong Course
Recommended: 2.75 GPA

AMERICAN SIGN LANGUAGE II A & B - ONLINE

Course Number: 135522, 135523
Grade Level: 10, 11, 12
Credits: 2, Yearlong Course
Prerequisite: American Sign Language I

BUSINESS

BUSINESS CO-OP WORK SEMINAR

Number: 135102
Grade Level: 9,10, 11,12
Credits: 1

BUSINESS CO-OP WORK EXPERIENCE

Number: 135103
Grade Level: 9,10, 11,12
Credits: 1

ENTREPRENEURSHIP

Number: 135202
Grade Level: 11,12
Credits: 1

INTRO TO BUSINESS/PERSONAL FINANCE

Number: 135100
Grade Level: 9,10, 11,12
Credits: 1

SPORTS & ENTERTAINMENT MARKETING

Number: 135201
Grade Level: 9,10, 11,12
Credits: 1

CIS ACCOUNTING I

Course Number: 135300
Grade Level: 11, 12
Credits: 1
Additional Credit Option: CLC BUSN 1102 - 3 cr.
Additional Credit Option: Articulated College Credit from CLC
Required: Accuplacer score of 237 in reading



RAINERD ONLINE SCHOOL (BOS)

ENGLISH

ENGLISH 9 A & B

Grade Level: 9

Course Numbers: 115100, 115101

Credits: 2, Yearlong Course

ENGLISH 10 A & B

Grade Level: 10

Course Number: 115200, 115201

Credits: 2, Yearlong course

Prerequisite: English 9

ENGLISH 11 A & B

Course Number: 115300, 115301

Grade Level: 11

Credits: 2, Yearlong course

Prerequisite: English 10

ENGLISH 12

Course Number: 115400

Grade Level: 12

Credits: 1

Prerequisite: English 11

DIGITAL MEDIA LITERACY

Course Number: 111328

Grade Level: 11, 12

Credits: 1

English Elective

INTERPERSONAL COMMUNICATIONS

Course Number: 115331

Grade Level: 10, 11, 12

Credits: 1

English Elective

MATHEMATICS

INTERMEDIATE ALGEBRA A & B

Course Number: 145100, 145101

Grade Level: 9, 10

Credits: 2, Yearlong Course

Prerequisite: Grade 8 Algebra

GEOMETRY A & B

Course Number: 145108, 145109

Grade Level: 10, 11

Credits: 2, Yearlong Course

Prerequisite: Intermediate Algebra

ADVANCED ALGEBRA A & B

Course Number: 145202, 145203

Grade Level: 10, 11, 12

Credits: 2, Yearlong Course

Prerequisite: Geometry

AP STATISTICS A & B

Course Number: 145310, 145311

Grade Level: 11, 12

Credits: 2, Yearlong Course

Prerequisite: Advanced Algebra



RAINERD ONLINE SCHOOL (BOS)

PE/HEALTH

HEALTH, WELLNESS, AND FITNESS

Course Number: 155100
Grade Level: 9, 10, 11, 12
Credits: 1

LIFETIME FITNESS

Number: 155109

Grade Level: 9, 10, 11, 12

Credits: 1, Health Elective

This online high school course unlocks the secrets to staying active throughout every stage of life. Explore a diverse range of exercises, finding the perfect fit for your interests and fitness level. Learn how to move your body safely and effectively, building strength, endurance, and flexibility for a healthy future. Beyond the gym, we'll delve into nutrition, stress management, and other key ingredients for holistic well-being. Together, we'll craft personalized plans, overcome challenges, and build sustainable habits that make fitness your lifelong companion.

CIS Medical Terminology

Course Number: 155200
Grade Level: 10, 11, 12
Credits: 1
Prerequisite: Biology

SCIENCE

BIOLOGY A & B

Course Number: 165200, 165201
Grade Level: 9, 10, 11, 12
Credits: 2, Yearlong Course

CHEMISTRY A & B

Course Number: 165202, 165203
Grade Level: 10, 11, 12
Credits: 2, Yearlong Course
Prerequisite: Biology

PHYSICS A & B

Course Number: 165306, 165307
Grade Level: 11, 12
Credits 2, Yearlong Course
Prerequisite: Biology

ENVIRONMENTAL SCIENCE

Course Number: 165301
Grade Level: 10, 11, 12
Credits: 1
Prerequisite: Biology

SOCIAL STUDIES

WORLD GEOGRAPHY

Course Number: 175100
Grade Level: 9
Credits: 1

WORLD HISTORY

Course Number: 175200, 175201
Grade Level: 10
Credits: 2, Yearlong Course

AMERICAN HISTORY

Course Number: 175300, 175301
Grade Level: 11
Credits: 2, Yearlong Course

AMERICAN GOVERNMENT

Course Number: 175400
Grade Level: 12
Credits: 1

ECONOMICS

Course Number: 175401
Credits: 1
Grade Level: 12

WORK EXPERIENCE

WORK SEMINAR

Course Number: 195910
Grade Level: 9, 10, 11, 12
Credits: 1

WORK EXPERIENCE

Course Number: 195910
Grade Level: 10, 11, 12
Credits: 1
Prerequisite: Work Seminar

ADDITIONAL PROGRAMS & COURSES

Please review the courses below to determine if any may be of interest to you or could provide the academic support you need during the school day.

EDUCATION COURSES

INTRODUCTION TO EDUCATION

Course Number: 490002

Grade Level: 11, 12

Credits: 1

Additional Credit Option: St. Cloud State University – 3 credits

Prerequisite: Juniors GPA 3.0, Seniors GPA 2.5 or teacher recommendation

This course will address a wide variety of topics and experiences to help you delve into the professional world of teaching. In this online concurrent enrollment class, we will reflect on the history of the field of education and examine pressing issues in today's public schools, particularly issues of equity and social justice. You will learn about what makes an effective teacher and how to develop and implement a great lesson. There will also be an opportunity to work in a classroom, experiencing what it's like to be a teacher today. *Course is online with cohort synchronous sessions approximately every two or three weeks.*



WORK EXPERIENCE

Course Number: 195910

Grade Level: 10, 11, 12

Credits: 1

Prerequisite: Work Seminar

Whether you plan to join the workforce or pursue a degree, after high school, gaining experience now will help ensure you've made the right choice. This course will combine skills learned from Business Cooperative Work Seminar with on the job experience. Students have an opportunity to participate in various work based learning experiences which may include job shadows, internships, mentorships, and paid work experience. The Work Coordinator will work with students on an individual basis to determine eligibility, placement, and approved employment sites. Internships and paid work experience require students to work and log a minimum number of hours per week in order to earn work experience credit. Students need to provide their own transportation to the work site and may receive an open hour in their schedule.



WORK EXPERIENCE

WORK SEMINAR

Course Number: 195910

Grade Level: 9, 10, 11, 12

Credits: 1

This course is designed to help prepare students in developing critical job skills to provide them with employment opportunities. Students learn skills in positive job preparation, attitudes, responsibilities, and rewards of entry-level employment. Students will study workplace communication skills, career exploration, applications, resumes, interviewing skills, child labor laws, workplace safety, and more. Successfully completing this course will allow students to participate in work based learning opportunities which include internships, mentorships, paid work experience.



STUDENT ASSISTANT

STUDENT MENTOR

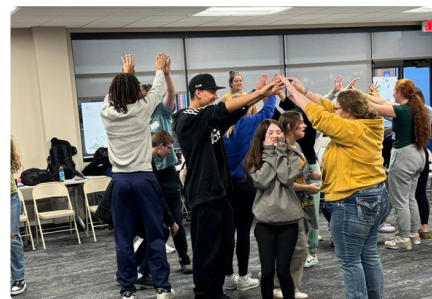
Course Number: 192900

Grade Level: 11, 12

Credits: 1

Required: Teacher approval

Student assists teacher within the Social Skill courses. The focus of this course is to assist students in gaining and applying social skills needed for success. We are seeking mentors willing to learn, practice and reinforce social skills for student's needs.



Warrior Career
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Business &
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DEPARTMENT ASSISTANT A & B

Course Number: 101900, 101901

Grade Level: 9, 10, 11, 12

Areas

- Student Services (Attendance)
- Student Success Center
- Media Center
- Media Technology (IT helpdesk)
- Agriculture Science
- Applied Technology
- Business Education
- Case Manager
- English Education
- Family and Consumer Science
- Mathematics Education
- Music Education - Band
- Music Education - Choir
- Music Education - Orchestra
- Physical Education and Health
- Adaptive Physical Education
- Science Education
- Social Studies Education
- World Language

Credits: 0.5

Required: Complete a Department Assistant Form

Students who wish to be an assistant are required to fill out a Department Assistant Form. Forms must have a teacher/staff signature giving the student permission to be their assistant. The forms are available in the Student Success Center. *All assistants are graded "CR" credit or "NC" no credit based on attendance and work skills.*

PSEO

See more detailed description on page 8

POST SECONDARY ENROLLMENT OPTION – FULL TIME A & B

Course Number: 101300, 101301

Grade Level: 11, 12

Credits: Depends on the college course

**Required: Juniors earning a cumulative 3.0 GPA,
Seniors earning a cumulative 2.5 GPA**

POST SECONDARY ENROLLMENT OPTION – PART TIME A & B

Course Number: 101302, 101303

Grade Level: 11, 12

Credits: Depends on the college course

**Required: Juniors earning a cumulative 3.0 GPA,
Seniors earning a cumulative 2.5 GPA**

NON-CREDIT OFFERINGS

STUDY CENTER A & B

Course Number: 101100, 101101

Grade Level: 9, 10, 11, 12

Credits: 0

This course will provide a time for structured study in order to complete assigned academic activities, prepare for a test/assessment, and/or get additional academic support for a class. Students are expected to manage their own work to complete and are expected to be self-motivated to use the time responsibly.

OPEN HOUR

COURSE NUMBERS

	A	B
1st Hour	101001	101011
2nd Hour	101002	101012
3rd Hour	101003	101013
4th Hour	101004	101014
5th Hour	101005	101015
6th Hour	101006	101016
7th Hour	101007	101017

Grade Level: 11, 12

Credits: 0

- Juniors may register for a maximum of one open hour per semester only if credits toward graduation are complete.
- Seniors may register for a maximum of two open hours per semester only if credits toward graduation are complete.

During online registration, students can request the specific hour they want as an open hour. The request may not be granted, it is contingent on other course requests and conflicts.

Note: If a student is at risk of academic failure of 1 or more credits, they will lose the privilege of an Open Hour and be placed in a Study Center until all course grades are improved to passing.

Note:

- *Seniors must take a minimum of 5 classes per semester.*
- *Freshman, Sophomores, and Juniors must take a minimum of 6 classes per semester.*

All Students with an open hour must sign the Open Hour Agreement at the beginning of every semester.



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BY ACADEMIC PLACEMENT ONLY

Criteria for Academic Placement Only courses: Data-supported record of low academic achievement over time (course failures, test scores, etc.).

Criteria for Academic Placement Only courses:

1. Documentation of a disability OR
2. Based on an IEP or Student Support Team decision

ENGLISH

112110 & 112111	English Skills 9 A & B	9
112210 & 112211	English Skills 10 A & B	10
112310 & 112311	English Skills 11 A & B	11
112410 & 112410	English Skills 12 A & B	12
112120 & 112121	Reading Language 9 A & B	9
112220 & 112221	Reading Language 10 A & B	10
112320 & 112321	Reading Language 11 A & B	11
112420 & 112421	Reading Language 12 A & B	12
112106 & 112107	Reading Skills A & B	9 10 11 12
112500 & 112501	Basic English	9 10 11 12

OTHER COURSES

101700 & 101701	Group Skills A & B	9 10 11 12
192012 & 192013	PAES A & B	9 10
192010 & 192011	Power Hour A & B	9 10 11 12
192006 & 192007	Social Skills A & B	9 10 11 12
192017	Service Learning	11 12
114100 & 114101	Specialized Coursework: English A & B	9 10 11 12
144100 & 144101	Specialized Coursework: Math A & B	9 10 11 12
154100 & 154101	Specialized Coursework: Health A & B	9 10 11 12
164100 & 164101	Specialized Coursework: Science A & B	9 10 11 12
174100 & 174101	Specialized Coursework: Social Studies A & B	9 10 11 12
192990 & 192991	Structured Study A & B	9 10 11 12
192008 & 192009	Vocational Skills A & B	9 10 11 12
152104 & 152105	Unified PE A & b	9 10 11 12
132100 & 132101	Worked-Based Learning A & B	11 12
132102 & 132103	Work Seminar Class A & B	10 11 12
192022 & 192023	Academics A & B	9 10 11 12
192004 & 192005	Basic Social Skills A & B	9 10 11 12
192000 & 192001	Communication Skills A & B	9 10 11 12
192018 & 192019	Independent Living Skills A & B	9 10 11 12
142100 & 142101	Tech Math I A & B	9 10 11 12
192002 & 192003	Transitional Skills A & B	9 10 11 12
152102 & 152103	DAPE A & B	9 10 11 12

MATHEMATICS

141112 & 141113	Intermediate Algebra RTI A & B	9
141300 & 141301	Advanced Algebra Concepts A & B	11 12
142110 & 142111	Consumer Math A or B	12
142102 & 142103	Tech Math II A & B	9 10 11 12
142104 & 142105	Tech Math III A & B	9 10 11 12
142106 & 142107	Tech Math IV A & B	9 10 11 12
142108 & 142109	Tech Math V A & B	9 10 11 12

SCIENCE ELECTIVES

182100	Fundamentals of Agri-Science	9 10
182101	Agri-Science	9 10



Warrior Career Pathways



Agriculture & Nature



Creative



Business & Tourism



Design & Build

BRAINERD

BY ACADEMIC PLACEMENT ONLY

ENGLISH COURSES

ENGLISH SKILLS 9 A & B

Course Numbers: 112110, 112111

Grade Level: 9

Credits: 2 Yearlong Course

For students needing support in reading comprehension and fluency. A variety of materials are used such as adapted textbooks, short stories, novels and non-fiction selections. Instruction and course activities will focus on reading fluency, vocabulary and reading comprehension. Reading comprehension strategies including literal comprehension, story elements, context clues, main idea, author's purpose, inference, figurative language, paraphrasing, and summarizing. Curriculum also includes writing skills.

ENGLISH SKILLS 10 A & B

Course Numbers: 112210, 112211

Grade Level: 10

Credits: 2 Yearlong Course

For students needing support in reading comprehension and fluency. A variety of materials are used such as adapted textbooks, short stories, novels and non-fiction selections. Instruction and course activities will focus on reading fluency, vocabulary and reading comprehension. Reading comprehension strategies including literal comprehension, story elements, context clues, main idea, author's purpose, inference, figurative language, paraphrasing, and summarizing. Curriculum also includes writing skills.

ENGLISH SKILLS 11

Course Number: 112310, 112311

Grade Level: 11

Credits: 2 Yearlong Course

For students needing support in reading comprehension and fluency. A variety of materials are used such as adapted textbooks, short stories, novels and non-fiction selections. Instruction and course activities will focus on reading fluency, vocabulary and reading comprehension. Reading comprehension strategies including literal comprehension, story elements, context clues, main idea, author's purpose, inference, figurative language, paraphrasing, summarizing and analyzing text. It will also include a research project and functional writing skills.

ENGLISH SKILLS 12

Course Number: 112410, 112411

Grade Level: 12

Credits: 2 Yearlong Course

For students needing support in reading comprehension and fluency. A variety of materials are used such as adapted textbooks, short stories, novels and non-fiction selections. Instruction and course activities will focus on reading fluency, vocabulary and reading comprehension. Reading comprehension strategies including literal comprehension, story elements, context clues, main idea, author's purpose, inference, figurative language, paraphrasing, summarizing and analyzing text. It will also include a research project and functional writing skills.

READING LANGUAGE 9 A & B

Course Number: 112120, 112121

Grade Level: 9

Credits: 2 Yearlong Course

For students needing support in decoding, reading fluency and comprehension. A variety of materials are used such as adapted textbooks, short stories, novels and non-fiction selections. Instruction and course activities will focus on reading fluency and comprehension strategies, including literal comprehension, story elements, context clues, main idea, fact/opinion, inference, and figurative language.



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READING LANGUAGE 10 A & B**Course Number: 112220, 112221****Grade Level: 10****Credits: 2 Yearlong Course**

For students needing support in decoding, reading fluency and comprehension. A variety of materials are used such as adapted textbooks, short stories, novels and non-fiction selections. Instruction and course activities will focus on reading fluency and comprehension strategies, including literal comprehension, story elements, context clues, main idea, fact/opinion, inference, and figurative language.

READING LANGUAGE 11**Course Number: 112320, 112321****Grade Level: 11****Credits: 2 Yearlong Course**

For students needing continued support in reading fluency and comprehension. A variety of materials are used such as adapted textbooks, short stories, novels and non-fiction selections. Instruction and course activities will continue to focus on reading fluency and comprehension strategies, including literal comprehension, story elements, context clues, main idea, fact/opinion, inference, figurative language and analyzing text. It will also include functional reading and writing skills.

READING LANGUAGE 12**Course Number: 112420, 112421****Grade Level: 112****Credits: 2 Yearlong Course**

For students needing continued support in reading fluency and comprehension. A variety of materials are used such as adapted textbooks, short stories, novels and non-fiction selections. Instruction and course activities will continue to focus on reading fluency and comprehension strategies, including literal comprehension, story elements, context clues, main idea, fact/opinion, inference, figurative language and analyzing text. It will also include functional reading and writing skills.

READING SKILLS A & B**Course Number: 112106, 112107****Grade Level: 9, 10, 11, 12****Credits: 1 per semester**

For those students needing intensive support in reading fluency and phonetics. Class curriculum, along with novels and fluency timings. Novels may include large group work, individual work and literature circles. Students will be required to complete written responses to certain chapters.

BASIC ENGLISH A & B**Course Number: 112500, 112504****Grade Level: 9, 10, 11, 12****Credits: 1 per semester**

For those students needing additional support with reading comprehension. Instruction & course activities will focus on reading comprehension strategies, reading fluency, and functional reading skills for everyday life. A variety of materials are used and may include adapted texts, short stories, novels, and non-fiction selections.



Warrior Career
Pathways



Agriculture
& Nature



Creative



Business &
Tourism



Design &
Build

MATHEMATICS COURSES

INTERMEDIATE ALGEBRA RTI A & B

Course Number: 141112, 141113

Grade Level: 9

Credits: 2 Yearlong Course

An intervention class that directly supports Intermediate Algebra and the foundational skills needed to be successful in high school mathematics. Students will receive additional support to achieve grade level standards, spiraled review of essential skills, and direct instruction on priority standards. Students enrolled will need to meet certain criteria requirements including a specific MCA score range, previous classroom grades (academic history).

ADVANCED ALGEBRA CONCEPTS A & B

Course Number: 141300, 141301

Grade Level: 11, 12

Credits: 2, Yearlong Course

Prerequisite: Geometry

Required: Teacher approval

Students study each math idea in depth through application and practical problems, providing opportunities to understand the importance of math in everyday life. Topics include solving equations, inequalities and systems, and types of functions, such as linear, quadratic, polynomial, exponential, logarithmic, rational and trigonometric. Additional topics include powers, radicals, sequences and series, and probability and statistics.

CONSUMER MATH A or B

Course Number: 142110, 142111

Grade Level: 12

Credits: 1 semester

This course teaches and reinforces math skills to prepare students for math they will encounter in the real world. Students will learn strategies for dealing with math problems found in day-to-day life, including how to adjust recipes, calculate nutrition information, figure sales tax and tips, manage schedules, plan travel, determine sale prices, handle banking transactions, manage budgets, and finding the best deal.

TECH MATH II A & B

Course Number: 142102, 142103

Grade Level: 9, 10, 11, 12

Credits: 1 per semester

This course is a preparatory course for Pre-Algebra. It includes a review of Basic Math, decimals, data and statistics, fractions, integers, equations, inequities and functions, geometric figures, measurement and area, surface area, and volume and probability.

TECH MATH III A & B

Course Number: 142104, 142105

Grade Level: 9, 10, 11, 12

Credits: 1 per semester

A pre-algebra course that will give students a strong foundation in algebra while also preparing them for future study in geometry, probability, and data analysis. The skills that will be learned include variables, expressions, integers, solving equations, multi-step equations and inequalities, factors, fractions, exponents, rational numbers, ratio, proportions, probability, percent, linear functions, measurement, area and volume, polynomials, and angle relationships.

TECH MATH IV A & B

Course Number: 142106, 142107

Grade Level: 9, 10, 11, 12

Credits: 1 per semester

This course will give students an intensive look into algebraic skills. The skills that will be learned include exponents and powers, order of operations, properties of real numbers, solving and graphing linear equations, solving and graphing functions, writing linear equations, solving and graphing linear inequalities, systems of linear equations and inequalities, exponents and exponential functions, quadratic equations and functions, polynomials, rational expressions, radicals, and some connections to geometry.



Health & Human
Services



Available
Online



Eligible for
College Credit



New this Year!

TECH MATH V A & B**Course Number: 142108, 142109****Grade Level: 9, 10, 11, 12****Credits: 1 per semester**

This introductory geometry course will help students develop sufficient computational, procedural, and problem solving skills to provide a solid foundation for further study in mathematics. The skills that will be learned are; geometry basics, segments and angles, parallel and perpendicular lines, triangle relationships, congruent triangles, quadrilaterals, similarity, polygons and area, surface area and volume, right triangles and trigonometry and circles.

OTHER COURSES

FUNDAMENTALS OF AGRI-SCIENCE**Course Number: 182100****Grade Level: 9, 10****Credits: 1 Offered only 1st Semester**

Students will explore the role of agriculture in our world as it relates to plants and animals. Students will interact with a variety of animals, learn about their care, and understand the products or services we get from them. In addition, students will be introduced to horticulture concepts with the study of plant-related topics such as houseplants, native trees and shrubs, and seasonal decorations.

AGRI-SCIENCE**Course Number: 182101****Grade Level: 9, 10****Credits: 1 Offered only 2nd Semester**

Students will explore the role of agriculture in our world as it relates to plants and animals. Students will interact with a variety of animals not covered in Fundamentals of Agri-Science, learn about their care, and understand the products or services we get from them. In addition, students will have an active role in growing plants in the school greenhouse and learn about other plant related topics such as floral design and gardening.

GROUP SKILLS A & B**Course Number: 101700, 101701****Grade Level: 9, 10, 11, 12****Credits: 1 per semester**

The student that has an identified need will work on goals to eliminate the functional impairment identified by the student, case manager, guidance counselor, and/or parent. Goals include, but are not limited to, developing proper coping skills to deal with daily school and community life.

PRACTICAL ASSESSMENT EXPLORATION SYSTEM (PAES LAB) A & B**Course Number: 192012, 192013****Grade Level: 9, 10****Credits: 2, Yearlong Course**

An assessment of vocational potential and employability skills, identifying aptitude for community based employment, functional skills, interests, and work behavior strengths and barriers to success. PAES is a simulated work environment within the classroom where students work on simulations of actual tasks performed on community based jobs.

POWER HOUR A & B**Course Number: 192010, 192011****Grade Level: 9, 10, 11, 12****Credits: 1 per semester**

This course offers skill instruction in areas of executive functioning and social-emotional skills such as organization, planning, prioritizing, regulating emotions, goal setting, self-advocacy, and problem-solving. Students will also have an opportunity to practice these skills with structured study time and should bring work from other courses to complete during the study portion of the class. *This course will be taught by a special education teacher, which may not be their case manager.*

A place to  Belong.



Warrior Career
Pathways



Agriculture
& Nature



Creative



Business &
Tourism



Design &
Build

SOCIAL SKILLS A & B

Course Number: 192006,192007

Grade Level: 9, 10, 11, 12

Credits: 1 per semester

This course is designed for those students on the autism spectrum who have plans to attend college but struggle in social situations. Students will learn a variety of ways to deal with social situations they may encounter at home, in school, or out in the community. Areas of intense focus will include "social thinking," personal wellness, handling stress and anxiety, communication, goal setting and self-advocacy. Skills will be taught using a variety of methods including classroom instruction, role-playing, group activities, mentorship and community outings.



SERVICE LEARNING

Course Number: 192017

Grade Level: 11, 12

Credits: 1 per semester

This course is designed to provide students with opportunities to learn basic work skills while providing a benefit to the community. Students will be required to meet with the staff on a weekly basis in order to gain a service learning credit. Students will be required to keep a log of the hours that they work.

SPECIALIZED COURSEWORK

Course Numbers:

	A	B
English	114100	114101
Math	144100	144101
Health	154100	154101
Science	164100	164101
Social Studies	174100	174101

Grade Level: 9, 10, 11, 12

Credits: 1

Curriculum used for an alternative to a traditional classroom experience. These courses will need to be approved by an IEP or Student Support Team member.

STRUCTURED STUDY A & B

Course Number: 192990, 192991

Grade Level: 9, 10, 11, 12

Credits: 0

A quiet study time, assignment completion assistance, and/or time to make-up or retake tests. Students should bring work from courses they have or bring reading material on the days they do not have work. Additional assistance in organizational and study skill development is offered. Students will be assigned to a Special Education teacher, which may not be their case manager.

VOCATIONAL SKILLS A & B

Course Number: 192008, 192009

Grade Level: 10, 11, 12

Credits: 1 per semester

This course is designed around vocational skill development. Students learn about store operations, money handling, inventory, production, assembly and job skills such as; team work, meeting expectations, task completion, and customer service skills.



UNIFIED PHYSICAL EDUCATION A & B

Course Number: 152104, 152105

Grade Level: 9, 10, 11, 12

Credits: 1 per semester

For those students with an IEP that have qualified through motor testing and approved Unified Partners. This course combines students of all abilities to participate in developmentally appropriate activities including lifetime activities, physical fitness, and sport. Students will work together to increase competence and confidence in a variety of physical activities. Through ongoing leadership opportunities, members of this course will be empowered to help create a more inclusive and accepting school environment for all students.



Health & Human Services



Available Online



Eligible for College Credit



New this Year!

**WORK-BASED LEARNING A & B****Course Number: 132100, 132101****Grade Level: 11, 12****Credits: 1 per semester****Prerequisite: Work Seminar Class and be currently employed**

This course is designed to provide students with opportunities to build career awareness, explore career options, and learn general work expectations, such as managing resources, managing information, and teamwork and self-management skills. Students will be required to meet with the teacher on a weekly basis in order to gain work-based learning credit. Students will be required to keep a log of the hours that they work.

Note: Work coordinator must approve employment site prior to enrollment.

WORK SEMINAR CLASS A & B**Course Number: 132102, 132103****Grade Level: 10, 11, 12****Credits: 1 per semester; only sign up for one semester.**

This course helps students gain knowledge and skills to survive in today's workplace. The student will study the following areas: communication skills on the job, careers, applications, resumes, interviewing, child labor laws, money management, workplace safety, benefits, business, insurance, taxes, and guidance.

Note: Students must take a semester of this course to be able to take Work Based Learning. This course can be taken in conjunction with or prior to Work Based Learning.

DEVELOPMENTAL COGNITIVE DISABILITY (DCD) COURSES

ACADEMICS A & B**Course Number: 192022, 192023****Grade Level: 9, 10, 11, 12****Credits: 1 per semester**

Basic reading instruction for students with developmental and cognitive disabilities. This may involve instruction in site words, picture/symbol recognition, or for students with reading instruction.

BASIC SOCIAL SKILLS A & B**Course Number: 192004, 192005****Grade Level: 9, 10, 11, 12****Credits: 1 per semester**

This is a course focusing on transitional skills to prepare students for life after high school. Students will work on the five transition domain areas: home living, recreation/leisure, employability, community participation, and post-secondary education.

COMMUNICATION SKILLS A & B**Course Number: 192000, 192001****Grade Level: 9, 10, 11, 12****Credits: 1 per semester**

This is a course focusing on transitional skills to prepare students for life after high school. Students will work on functional skills related to reading, writing and communication in "real life" settings while using a communication device.

INDEPENDENT LIVING SKILLS A & B**Course Number: 192018, 192019****Grade Level: 9, 10, 11, 12****Credits: 1 per semester**

This course will provide students with a basic understanding of the skills necessary for living independently as an adult. Course topics include disability awareness and disclosure, interactions with others, securing and maintaining employment, budgeting, as well as topics to be determined by the individual needs of the students who are in the course. For developmental and cognitive disabilities.



**PRACTICAL ASSESSMENT EXPLORATION SYSTEM
(PAES LAB) A & B****Course Number: 192012, 192013****Grade Level: 9, 10****Credits: 2, Yearlong Course**

An assessment of vocational potential and employability skills. The assessment identifies aptitude for community based employment, functional skills, interests, and work behavior strengths and barriers to success. PAES is a simulated work environment within the classroom where students work on simulations of actual tasks performed on community based jobs.

TECH MATH I A & B**Course Number: 142100, 142101****Grade Level: 9, 10, 11, 12****Credits: 1 per semester**

This course is designed for students who continue to need assistance in basic mathematical concepts. It includes Basic Math concepts in addition, subtraction, multiplication, and division including work with fractions, decimals, percent, time and counting money. Basic Math computation is reinforced using computer programs designed to help student's master basic facts.

TRANSITIONAL SKILLS A & B**Course Number: 192002, 192003****Grade Level: 9, 10, 11, 12****Credits: 1 per semester**

Students will be learning activities and skills in their natural setting. These skills may be job related, essential for participating in the community, or to prepare students to live as independently as possible.

UNIFIED PHYSICAL EDUCATION A & B**Course Number: 152104, 152105****Grade Level: 9, 10, 11, 12****Credits: 1 per semester**

For those students with an IEP that have qualified through motor testing and approved Unified Partners. This course combines students of all abilities to participate in developmentally appropriate activities including lifetime activities, physical fitness, and sport. Students will work together to increase competence and confidence in a variety of physical activities. Through ongoing leadership opportunities, members of this course will be empowered to help create a more inclusive and accepting school environment for all students.

**DEVELOPMENTAL ADAPTED PHYSICAL
EDUCATION****(DAPE) A & B****Course Number: 152102, 152103****Grade Level: 9, 10, 11, 12****Credits: 1 per semester**

For those students with an IEP that have qualified through motor testing. The course emphasizes the development of personal fitness, recreation/leisure skills and game skills in a small group setting. Students may also train and participate in Special Olympics bowling, basketball, swimming and track and field. Students need to meet criteria in their special education assessment to be eligible to take DAPE.



Health & Human
Services



Available
Online



Eligible for
College Credit



New this Year!

GET INVOLVED: ACTIVITIES, ATHLETICS, CLUBS AND ORGANIZATIONS

See the list of current athletics, activities, clubs and organizations. Fees are charged for many, but financial assistance is available for families who qualify for the Federal Free/Reduced Meal Program. *We will never turn a child away due to financial hardship!*

For additional information, contact the Activities Office located in the Main Office of Brainerd High School, 218-454-6300.

ATHLETICS

FALL

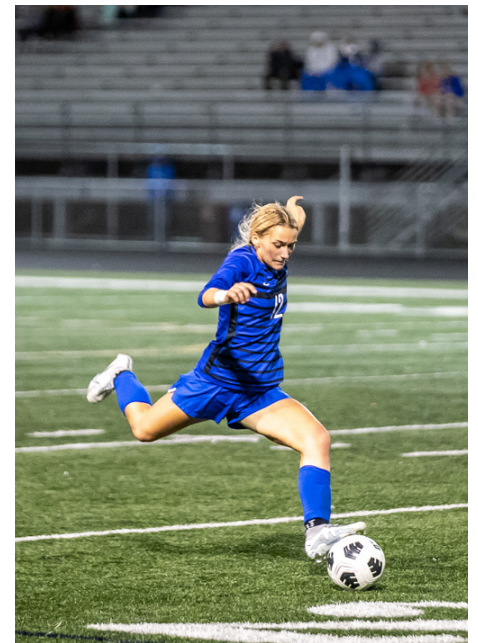
- Cross Country Running
- Football
- Soccer
- Strength Training
- Swimming and Diving
- Tennis
- Volleyball

WINTER

- Adaptive Floor Hockey
- Alpine Skiing
- Basketball
- Competitive Cheerleading
- Dance Team
- Gymnastics
- Hockey
- Nordic Skiing
- Strength Training
- Swimming and Diving
- Wrestling

SPRING

- Baseball
- Golf
- Lacrosse
- Tennis
- Softball
- Strength Training
- Track and Field



ACTIVITIES, CLUBS, & ORGANIZATIONS

ASL CLUB (AMERICAN SIGN LANGUAGE)

Grade Level: 9, 10, 11, 12

The club meets every Wednesday during WIN time in the ASL room. Students are not required to be enrolled in an ASL course to be involved. The club will focus on ASL events, as well as school/community awareness functions to educate people about the deaf/hard of hearing population and their native language. ASL Club and the volunteer work in the community is a positive experience to list on college applications. Volunteer opportunities provided for work towards ASL Honor Society and information regarding ASL Honor Society will also be shared.

ANIME CLUB

Grade Level: 9, 10, 11, 12

This club is open to anyone interested in Japanese Anime, Manga, Art, Video games, and Trading card games. Anime club meets every Thursday from 3:30-5:00 in room D141. During Anime club, we choose a new anime to watch every few weeks and provide opportunities for gaming and social interaction with others with similar interests. Some gaming opportunities include, Yu-Gi-Oh! Magic: The Gathering, Pokémon, League of Legends, Dungeons and Dragons, video games, and anything else club members wish to play that is school appropriate. A registration form signed by a parent is required to attend.

ART CLUB

Grade Level: 9, 10, 11, 12

Creative, eclectic and spirited students looking for an opportunity to be a part of the BHS Art Club. This is a great way to receive volunteer hours and leave a mark in your school and community! Disclaimer – no experience necessary, you do not need to be in an art course nor do you need to be a self-proclaimed artist! What we are looking for is people with a passion for the arts!

CLASS CABINET - SOPHOMORES

Grade Level: 10

Provides an opportunity to all sophomore students to become contributing members of your class. Students elect officers as leaders for this year and beyond and conduct food drives. Students are representatives for homecoming and make the homecoming banner. Students have representatives of the class during Winter Wonder Week and participate in the Junior/Senior Prom. This is a great place to meet fun people in your grade.

CLASS CABINET - JUNIORS

Grade Level: 11

Provides an opportunity for all juniors to be a contributing member of your class. All juniors are welcome, even if you have not participated in class cabinet previously. Cabinet members coordinate with other government and service groups on various service projects. The major project of the Junior Class Cabinet is designing and coordinating the Spring Prom including selecting a theme, ordering and managing the decorations, selection of music groups, and staging the prom.

CLASS CABINET - SENIORS

Grade Level: 12

Provides an opportunity for all seniors to be a contributing member of your class. Students will decide on graduation announcements, senior t-shirts, senior poll, Winter Wonder Week and fundraisers. Students meet once a week and there is no cost to join.

COMPETITIVE SPEECH

Grade Level: 9, 10, 11, 12

There are no requirements or prerequisites for joining, other than a desire to learn, and to increase skills in the area of forensics and interpersonal communication. BHS Competitive Speech is a Minnesota State High School League activity in which students choose one of 13 categories of Speech and compete at tournaments. Students begin meeting the first part of December and choose a category, prepare a speech, and meet with the coach individually, or in groups, to practice. Students may letter if they meet the criteria.

DUNGEONS AND DRAGONS

Grade Level: 9,10, 11, 12

Dungeons and Dragons is a group that meets after school from 3:15-5:00 on Tuesdays in Room A131 with Deeb. It is open to anyone interested in high adventure and wanting to explore the fantasy world of D&D and other role playing games. No materials are required. It is open to players of all levels and experience. Come join us and roll a Nat 20 or a Nat 1, and determine the fate of the realm with others who seek the thrill of the fantasy world of Dungeons and Dragons.

ACTIVITIES, CLUBS, & ORGANIZATIONS

FALL PLAY

Grade Level: 9, 10, 11, 12

An after school activity that allows students to be creative while acting onstage, or behind the scenes as a tech-crew member. This activity encourages students to build confidence, and learn how to work together to put on a production. There is a \$50 fee to participate in this activity.

FISHING TEAM

Grade Level: 9, 10, 11, 12

If you are interested in becoming a better angler, or just want to get out fishing, the Brainerd Warrior Fishing Team is for you! Our team gives students the opportunity to catch some Bass, Walleye, Northern Pike, Perch and more! Our team participates in tournaments, fundraisers, seminars and practices that are fun for the students, instructors and boat captains. We will give you the tips and teach you the tricks to become a well-rounded angler.

FFA

Grade Level: 9, 10, 11, 12

Activities include community service activities, lock-ins, parades, county fair, summer camps, softball, and volleyball. We have career development events such as horse judging, public speaking, floriculture, agricultural mechanics, parliamentary procedure, wildlife, and small animal that advance like sports teams to local, regional, state, and national competitions. Students may attend state and national conventions, regional leadership events, and annual chapter banquets. Students who join FFA must be enrolled in at least one Agricultural Science course during the school year.

GSA

Grade Level: 9, 10, 11, 12

GSA offers LGBTQA+ students and their allies a place to get together to learn about and discuss LGBTQA+ related topics and to offer and receive support from one another. If you identify as an LGBTQA+ student or an ally to the LGBTQA+ community, please join us.

INTERACT CLUB

Grade Level: 9, 10, 11, 12

For students who want to serve their community and their school through various events. Interact is the high school version of Rotary International. The guiding principle is "Service Above Self." Throughout the year we do events and fundraisers such as Floats for Goats, Thanksgiving Baskets, Kids Against Hunger, Operation Christmas Child, Soup Kitchen volunteering, Pennies for Patients, and so much more. There is no cost to join.

Investment Club

Grade Level: 9, 10, 11, 12

Unlock the world of finance and community impact with the Investment Club at BHS! This student-run club is your gateway to hands-on experience in the stock market while making a positive difference. Work with peers to gain insights into the complexities of financial markets with guidance from community mentors. Increase your knowledge by learning principles of financial literacy and investment strategies. Experience the thrill of investing real money for a good cause. We have a portfolio of investments valued at \$2,000 and growing. Elevate your applications and resumes by showcasing involvement in a club that fosters critical thinking and community engagement. The club meets during WIN most weeks throughout the school year.

KEY CLUB

Grade Level: 9, 10, 11, 12

The world's oldest and largest service program for high school students. The BHS club--sponsored by Kiwanis--holds weekly meetings to plan events, listen to speakers, and connect with one another. Our goal is to make a positive difference in our schools, in the local community, and in the world. Members may choose to volunteer at such events as the Red Cross Blood Drive, Operation Sandwich, Miracle Field, the Senior Center, the Arboretum Haunted Trail, and Habitat for Humanity. Additional opportunities include running for Governing Board positions, attending retreats, and lettering. There is a \$15 membership fee.

KNOWLEDGE BOWL

Grade Level: 9, 10, 11, 12

Facing off against other teams, students work together to answer questions related to all areas of learning. Students recall, solve problems, think critically, and sharpen teamwork skills. Practices start in early Fall Semester with competitions held in January, February, and March - with the top teams advancing to the Minnesota State Knowledge Bowl. You may participate in other activities and sports while at the same time compete as a member of the KB teams. Competitions take place during the school day and practices are held after school from 3:20-5:00 on Wednesdays and during WIN on Thursdays. You do not need to attend both practices each week. Join us and revel in your academic prowess!

ACTIVITIES, CLUBS, & ORGANIZATIONS

MOCK TRIAL

Grade Level: 9, 10, 11, 12

Through participation in mock trials, students gain a practical understanding of the way in which the American legal system functions. Each team consists of 8-14 students. Students prepare and argue a legal case in simulated courtroom trials. Students work with a local attorney/coach as they prepare to play the roles of attorneys and witnesses in local courtrooms. The case is received in October, our competitions begin in January, and our season runs into February with the state tournament held in March.

MOUNTAIN BIKE RACING

Grade Level: 7, 8, 9, 10, 11, 12

Riders of all levels and experience are welcome on the team. While mountain bike racing is an individual sport, it is also a true team experience. The official race season runs from July to the end of October. The Cuyuna Lakes team is part of the Minnesota High School Cycling League, which is sanctioned by NICA. Learn more by connecting to the Cuyuna Lakes High School Mountain Biking Team on Facebook and Instagram, or look up the Minnesota High School Cycling League. Look for informational meeting at the end of May.

MULTICULTURAL CLUB

Grade Level: 9, 10, 11, 12

This club meets every Thursday during WIN. Everyone is welcome. We focus on building equity and understanding in our BHS community. Our mission is to create an inclusive environment where all students can feel seen, heard and valued as individuals. By having events and projects to teach others about the different cultures in our school, we help to unite our students and eliminate stereotypes and bias. This is a safe and respectful space for all students.

NATIONAL HONOR SOCIETY (NHS)

Grade Level: 11, 12

A very prestigious recognition acknowledged throughout the nation. A student's cumulative grade point average of 3.50 or higher makes one eligible to apply for selection into the Brainerd High School National Honor Society. Service, Leadership, Character, and Scholarship are the pillars of the National Honor Society. Students are invited to be inducted if they meet criteria. An invitation will be sent out after first semester grades are posted.

ONE ACT PLAY

Grade Level: 9, 10, 11, 12

An activity that allows students to follow their passion for drama and acting by performing a play in a competitive MSHSL Fine Arts setting. Students perform and compete against other schools at the local and regional levels. MSHSL eligibility requirements must be met. There is a \$50 fee to participate in this activity.



ROBOTICS

Grade Level: 9, 10, 11, 12

A team orientated club that is part of the FIRST Robotics Competition. This is a hands-on, problem solving activity where students build a robot for competition. Students will work with real engineers to problem solve and build a robot to compete with schools around the country. Students are involved with marketing, maintaining a website, programming, mechanical and electrical engineering, working with pneumatics, budgeting, and, most importantly, being part of a team. Students have a six-week build season (Jan.-Feb.) which then leads to a three-day competition.

SAILING TEAM

Grade Level: 7, 8, 9, 10, 11, 12

High school Sailing is governed by a national level organization, which gives a unique opportunity to compete at many levels. The team can compete at local events, or race at regional and national level championships. High school sailing is both a spring and a fall sport, so you can do either season or both. There is not experience required. The team practices on Gull Lake at the Gull Lake Sailing School. Practices are Tuesday, Wednesday, and Thursday from 3:30 - 6:30 pm. If you are interested in joining or are looking for more information, contact; GullLakeSailingTeam@gmail.com Head Coach Josh Sullivan.

ACTIVITIES, CLUBS, & ORGANIZATIONS

SOURCES OF STRENGTH

Grade Level: 9, 10, 11, 12

Sources of Strength is an evidence-based best practice youth suicide prevention program designed to harness the power of peer social networks to change unhealthy norms and culture, ultimately preventing suicide, bullying and substance abuse. Sources of Strength moves beyond a risk focus and utilizes an upstream approach, mobilizing a group of powerful Peer Leaders to spread messages of Hope, Help and Strength, throughout their school and community. This upstream model strengthens multiple sources of support (protective factors) around young individuals so that when times get hard, they can leverage their strengths.

SPANISH CLUB

Grade Level: 9, 10, 11, 12

Any BHS student is welcome to join Spanish Club at no cost. Members present decide the date of the activity and the activity itself. The activities take place after school and are over by 5:00 p.m. English is generally spoken in the club, but many of the activities revolve around the culture of the Spanish-speaking world.

SPRING MUSICAL

Grade Level: 9, 10, 11, 12

An after school activity that allows students to explore their artistic creativity while singing, dancing, and acting onstage in a musical, or behind the scenes as a tech-crew member or pit orchestra member. This activity fosters collaboration with the actors and pit orchestra members to put on a musical production. There is a \$50 fee to participate in this activity.

STUDENT COUNCIL

Grade Level: 9, 10, 11, 12

Students are responsible for school-sponsored events such as Homecoming, The Holiday Ball, Winter Wonder Week, Spring Fling Week, and other activities. Student Council also performs “service” to the school and community. Students meet Friday mornings before school on a weekly basis and as needed throughout the year. There is no cost to join.

TRAP and SKEET SHOOTING

Grade Level: 9, 10, 11, 12

Students participate as part of the Minnesota State High School Clay Target League. Most competitions take place locally at Lakeshore Conservation Club, across from Ski Gull. For more information on the clay target league please visit, www.mnclaytarget.com or stop by the Warrior Activities Office.



TERMS & ACRONYMS

ACCUPLACER: A placement test in reading, writing, and mathematical skills used for admissions in Community and Technical Colleges.

ACT: ACT assessment is a five-hour national college admissions test, which includes five sections: writing, science, math, reading and English. Some colleges will accept a student's ACT scores as part of the admissions evaluation.

AP or Advanced Placement: College Board designed courses. In May, students take a test for each AP course in which they are enrolled. Students who achieve a certain score may, if their college accepts the AP credit, receive college credit.

ASC or Advanced Standing Articulated Credit: Several Career and Technical Education courses that are offered at BHS can be used for college credit upon enrollment in an applicable program at Central Lakes College. Students in grades 11 or 12 who take a qualifying course and earn a grade of a B or better in that course will receive an ASC college credit. Upon enrollment in an applicable program at CLC the student will be able transfer the high school course in as college credit as defined in the articulation agreement.

ASVAB or Armed Service Vocational Aptitude Battery: A free career planning resource available to high schools nationwide. This comprehensive program measures aptitudes and includes a career interest inventory, designed to give students an indepth look at careers that align with their skills and abilities.

BOS or Brainerd Online School: Offering both high-quality core and elective courses that meet the same content standards as our in-person, (9-12 grade) high school courses, except in an online environment.

CLC or Central Lakes College: CLC is a local two-year community and technical college. Brainerd High School collaborates with CLC to offer ASC, CIS, PSEO and eCollege options for students. CLC is a member of the Minnesota State Colleges and Universities System.

College: In contrast to a university, a college traditionally only offers undergraduate degrees and programs. (There are, of course, some exceptions to this definition.)

College Admissions Test: A test often required by four-year colleges to help determine which students to admit to their school. The most common tests are the ACT and SAT.

CIS or College in the Schools: A program that provides high school students with the opportunity to take college-credit bearing courses taught by college-approved high school teachers, generally on the high school campus.

CTE or Career and Technical Education: A term applied to schools, institutions, and educational programs that specialize in the skilled trades, applied sciences, modern technologies, and career preparation. FAFSA or Free Application for Federal Student Aid: This online form is required for any student who wants to be considered for federal or state aid.

GPA or Grade Point Average: The average of a student's grades 9th to 12th, typically based on a four-point scale.

IEP or Individual Education Plan: A written document required for each child who is eligible to receive special education services. It is provided to a student who has been determined first to have a disability and second to need special education services because of that disability. If a student qualifies for special education services, a case manager will be assigned.

Parchment: High School uses to streamline the process of sending out transcripts and records to verify graduation and grades to colleges, employers, insurance companies, scholarships, etc.

PLP or Personal Learning Plan: All students, beginning in grade 9 will develop a Personalized Learning Plan. A PLP is a plan that students will revisit throughout grades 9-12 in preparation for college and career beyond high school. This is a graduation requirement.

PSAT: An assessment developed by The College Board to determine college readiness. Students are assessed in the areas of critical reading, mathematics, and written expression in preparation for the SAT 1: Reasoning Test. The PSAT is offered once a year in October to any interested student for a nominal fee. Juniors taking the exam may qualify through their scores for the National Merit Scholarship program.

Post-Secondary: This term means “after the completion of high school.” It typically refers to any education a person receives beyond or after high school, including four-year colleges and universities and community colleges

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PSEO or Post-Secondary Enrollment Option: An enrollment plan that allows high school students to earn college credit while still in high school through enrollment and successful completion of college-level courses. With traditional PSEO, these courses are generally offered on the campus of the postsecondary institution.

Prerequisite: A prerequisite is a course that you need to take and successfully complete with a passing grade before you can sign up for a certain course.

PLTW or Project Lead the Way: A United States non-profit organization that develops STEM curricula for use by US elementary, middle, and high schools. PLTW also provides professional development training for instructors.

STEM or Science, Technology, Engineering and Mathematics: A curriculum based on the idea of educating students in four specific disciplines – science, technology, engineering and mathematics – in an interdisciplinary and applied approach. Rather than teach the four disciplines as separate and discrete subjects, STEM integrates them into a cohesive learning paradigm based on real-world applications.

SAT: A standardized, five-hour test developed by The College Board that measures verbal, mathematical reasoning and writing skills. Four-year colleges use a students’ score on this test as part of the admissions evaluation for entrance.

SSC: The abbreviation for the Student Success Center

STRIVE: Students Taking Renewed Interest in the Value of Education (STRIVE) is a Rotary-sponsored mentoring program with scholarship incentives for select high school seniors. Eligibility criteria includes high school graduation, regular STRIVE meeting attendance, and an improved GPA.

Technical Colleges: 2-year state colleges that teach knowledge and skills leading to specific careers. The programs range in length from 3 months to 2 years.

Transcript: A record of your academic history.

University: In contrast to a college, a university traditionally offers both undergraduate and graduate degrees and programs. (There are, of course, some exceptions to this rule.)

Warrior Career Pathway (WcP): A grouping of common courses, career experiences, certifications/credentials, and other career-related activities within a specific career field. BHS offers the following Warrior Career Pathways :

- Agriculture, Food, and Natural Resources
- Arts, Communications, and Information Systems
- Business, Administration, Management and Marketing
- Engineering, Manufacturing, and Technology
- Health and Human Services

Warrior Career Pathway (WcP) Concentration: Within the five Warrior Career Pathways, BHS offers a total of 23 career-focused concentrations, enabling students to complete specialized industry coursework, certifications, and career-related experiences. Students can graduate with multiple concentrations. More details available on the ISD 181 Website.

Weighted GPA: A weighted grade point is one full-scale point above the standard grade scale at Brainerd High School and used for Advanced Placement and Project Lead the Way approved courses. For example, a 4.0 grade point earned (A) would convert to a 5.0 grade point value for an AP or PLTW approved course.

WIN or What I Need: is a 45-minute period scheduled twice a week. Students will have the opportunity to receive directed and/or self-selected instructional support or enrichment activities. Teachers identify and assign students to a specific WIN hour (“directed”) when necessary. Other students will choose their own WIN activities. All teachers will facilitate two WIN opportunities per week, one of which must be academic support, such as 1:1 or small group remediation, test prep, or make up activities. The second WIN can be an enrichment activity, such as club meetings, intramural athletic activities, or creative offerings. Some staff may choose to offer study halls, studio time (such as in art courses), music private practice, or other enrichment activities. Students are expected to attend both WIN periods every week.