



2019 – 2020

Course Registration Catalog

Registration Information for Students Entering Grades 9 - 12





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SOUTH CAMPUS GRADE 9

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GENERAL INFORMATION

GRADING POLICY

Brainerd High School uses the same grade point average (GPA) scale across all courses to assess student achievement.

Percent	Letter	GPA	Weighted GPA
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	

ACADEMIC RECOGNITION CRITERIA

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

SCHOOL DAY SCHEDULE

Brainerd High School has a 7 period-modified block 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.

Monday	Tuesday	Wednesday	Thursday	Friday
1	1	2	1	1
2	2			2
Ext Pass (Pass 7+2)	Ext Pass (Pass 7+2)	Ext Pass (Pass 7+2)	Ext Pass (Pass 7+2)	Ext Pass (Pass 7+2)
3	3	WIN	WIN	3
4	4	4	3	4
5 / L 5A/Class 5B/Class	5 / L 5A/Class 5B/Class	5 / L 5A/Class 5B/Class	5 / L 5A/Class 5B/Class	5 / L 5A/Class 5B/Class
6	6	6	7	6
7	7			7

MINNESOTA 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.

BHS GRADUATION REQUIREMENTS

CREDIT REQUIREMENTS: 44 CREDITS MINIMUM

Credits for graduation must include the requirements listed below:

Arts	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 registration forms for specific course requirements.

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.

ART REQUIREMENT COURSE OPTIONS

2 credits required any time during grades 9-12:

Applied Tech CAD I and II

Woodworking I and II

Advanced Woodworking

Engineering CIS Intro to Engineering I and II

CIS Principles of Engineering I and II

FACS Interior Design

Music All Music Courses

Visual Arts All Visual 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 will not be 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.

REGISTRATION INFORMATION

DON'T FORGET

- 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.
- Alternates: Choose alternate courses with care. If your first choice courses are not available, you will be scheduled with a course from your alternate list. Be sure to list 4 alternate courses in order of preference.
- Students should take the BHS Course Registration Catalog home to discuss courses and selections with parents/guardians.
- Parents/guardians and students are invited to attend an informational meeting.
- Grade 8 students will register online during their Social Studies class or with their case manager.
- Grade 9 - 11 students will register during their math class.

COMMONLY ASKED QUESTIONS

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.

Can I request my teachers? No, School Board policy states that students/parents are not allowed to request specific teachers.

Will my AP social studies course waive a required social studies course? Yes. Although we recommend all students take Government and Economics, students can opt to replace one of these courses with AP Psychology or AP European History.

Note: The 2nd semester of AP Geography in grade 9 will not replace a required social studies course.

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.

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.

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.

Do I need world language for college? Check with the college of your choice regarding admission requirements for a world language.

Can I take a course more than once? Some classes, such as music courses, can be repeated for credit. Otherwise, students should not repeat courses.

GRADE 9 REQUIRED AND ELECTIVE COURSES

Required Courses:

- Two required credits in English, mathematics, and science
- One required credit in Health, Wellness, and 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	Course Name	Page
905SC	Intro to Agriculture (Animals)	8
906SC	Exploring Agriculture (Plants)	8
917	Equine Science	8
916	Small Animal Science (Prerequisite)	8
856C	Intro to CAD and Construction	9
856M	Intro to Metals and Motors	9
309	Intro to Business/Personal Finance	12
305CA	Computer Applications	12
314B	Business Cooperative Work Seminar	12
815SC	Foods 9	18
517SC	Sports and Fitness	24
511SC	Strength and Conditioning (Fall)	24
512SC	Strength and Conditioning (Spring)	24
513F	Strength & Conditioning for Females	24
240	Intro to Visual Arts	30
970	Television Production I	31
264	Intro to Video Game Design	31
265	Inter Video Game Design	32
9995F	Study Center (Fall)	35
9995S	Study Center (Spring)	35
983SC	Office Aide (South Campus)	36
981	Student Services Aide	36
9840	Student Success Center Aide	36

YEARLONG ELECTIVES

838 and 839	CIS Intro to Engineering Design	13
200FT1 & 200FT2	Varsity Band	21
200HT1 & 200HT2	Varsity Band w/add'l music	21
220FT1 & 220FT2	Varsity Choir	22
220HT1 & 220HT2	Varsity Choir w/add'l music	22
210FT1 & 210FT2	Varsity Orchestra	23
210HT1 & 210HT2	Varsity Orchestra w/add'l music	23
986 & 987	Yearbook I and II	32
381 & 3812	Am Sign Language I (Prerequisite)	33
371A & 371B	Spanish I (Prerequisite)	34

Also, see By Academic Placement Only section (for student's that qualify) 37-41

MINNESOTA CAREER FIELDS AND CLUSTERS BHS PATHWAYS TO YOUR FUTURE

Brainerd High School has aligned their courses into pathways by using the MN Career Fields, Clusters and Pathways chart. (see next page) Students are encouraged to use the chart to follow their interests when choosing courses that lead to a career field.

FOUNDATION KNOWLEDGE AND SKILLS

Foundation Knowledge and Skills, located in the centermost circle of the MN Career Fields, Clusters and Pathways chart, represent the base from which to build work and college readiness.

CAREER FIELDS

Career Fields, which are identified in the segmented ring around Foundation Knowledge and Skills, are the organizing structure for the 16 career clusters and 79 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**
- **Engineering, Manufacturing, and Technology**
- **Health Science Technology**
- **Human Services**
- **Business, Management, and Administration**

CAREER CLUSTERS

Career Clusters, which are identified by bullets and are bold colored represent a grouping of occupations and broad industries into a national classification of 16 clusters that are based upon common knowledge and skills. Career clusters include hundreds of occupations that may be grouped into pathways around which educational programs of study can be built.

- **Agriculture, Food, and Natural Resources**
- **Arts, Audio/Video Technology and Communications**
- **Information Technology**
- **Architecture and Construction**
- **Manufacturing**
- **Science, Technology, Engineering, and Mathematics**
- **Transportation, Distribution, Logistics**
- **Health Science**
- **Law, Public Safety, Corrections, and Security**
- **Education and Training**
- **Government and Public Administration**
- **Human Services**
- **Hospitality and Tourism**
- **Business, Management, and Administration**
- **Finance**
- **Marketing**



▪ **Business, Management & Administration**

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

▪ **Marketing**

- Sports/Entertainment Marketing

▪ **Hospitality**

- Foods 9
- Foods
- Creative Foods
- Culinary Arts I & II

▪ **Finance**

- CIS Accounting I

▪ **Agriculture, Food & Natural Resources**

- Intro & Exploring Agriculture
- Equine Science
- Small Animal Science
- Animal Science I & II
- Horticulture Science
- ASC Greenhouse Production
- Ag Leadership/Work Experience Internship
- Natural Resource Science
- ASC Research in Agriculture
- Environmental Science
- CIS Environmental Science
- Wildlife Forensics
- Agri-Science I & II

▪ **Arts - Visual**

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

▪ **Arts - Performing**

- AP Music Theory I & II
- World Drama and Theatre Arts
- Music Education

▪ **Audio/Video Technology**

- Intro to Graphic Design
- ASC Digital Photography
- Television Production I, ASC II & III

▪ **Communication**

- Creative Writing
- CIS Intro to Communications/Speech
- Digital Media Literacy
- Journalism
- Yearbook I & II

▪ **Communication – World Language**

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

▪ **Information Technology**

- Intro & Inter Video Game Design

▪ **Science, Technology, Engineering & Mathematics**

- CIS Intro to Engineering Design I & II
- CIS Principles of Engineering I & II
- Biological Engineering
- Chemical Engineering
- CIS Computer Science I & II
- CIS Civil Engr & Architecture I & II

▪ **Architecture & Construction**

- Intro to CAD & Construction
- CAD I & II
- Exploring Construction
- Woodworking I & II
- Advanced Woodworking
- Building Trades

▪ **Manufacturing**

- Intro to Metals & Motors
- ASC Outdoor Power Equipment
- Welding I & ASC Welding II
- Advanced Welding & Fabrication

▪ **Transportation, Distribution & Logistics**

- Fundamentals of Aviation



▪ **Human Services**

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

▪ **Education & Training**

- Cooperative Work Experience
- Cooperative Work Seminar
- Student Assistant Opportunities
- Fun 'N' Friends Work Study

▪ **Law, Public Safety, Corrections & Security**

- Criminal Justice

▪ **Government & Public Administration**

- AP American Government
- AP European History I & II
- Economics

▪ **Health Science Technology**

- Health Wellness & Fitness
- Human Biology I
- CIS Human Biology II
- ASC Nursing Assistant/Home Health Aide
- CIS Medical Terminology
- Physical Education

COURSE OFFERINGS

COURSE SYNOPSIS

Course Number	Course Name	Grade Level
AGRICULTURE EDUCATION		
905SC	INTRO TO AGRICULTURE (Animals)	9, 10, 11, 12
906SC	EXPLORING AGRICULTURE (Plants)	9, 10, 11, 12
917	EQUINE SCIENCE	9, 10, 11, 12
916	SMALL ANIMAL SCIENCE	9, 10, 11, 12
911	ANIMAL SCIENCE I	10, 11, 12
914	ANIMAL SCIENCE II	10, 11, 12
913	HORTICULTURE SCIENCE	10, 11, 12
912	ASC GREENHOUSE PRODUCTION (Spring)	10, 11, 12
926IN	AG LEADERSHIP/WORK EXPERIENCE (Fall)	10, 11, 12
927IN	AG LEADERSHIP/WORK EXPERIENCE (Spring)	10, 11, 12
910N	NATURAL RESOURCE SCIENCE	10, 11, 12
925IN	ASC RESEARCH IN AGRICULTURE	11, 12
APPLIED TECHNOLOGY		
856C	INTRO TO CAD & CONSTRUCTION (C & C)	9, 10, 11, 12
856M	INTRO TO METALS & MOTORS (M & M)	9, 10, 11, 12
867	CAD I	10, 11, 12
868	CAD II	10, 11, 12
853	EXPLORING CONSTRUCTION	10, 11, 12
844	ASC OUTDOOR POWER EQUIPMENT	10, 11, 12
874	WELDING I	10, 11, 12
874B	ASC WELDING II	10, 11, 12
877	WOODWORKING I	10, 11, 12
877B	WOODWORKING II	10, 11, 12
876B	ADVANCED WELDING & FABRICATION	11, 12
878	ADVANCED WOODWORKING	11, 12
851	BUILDING TRADES (Fall)	11, 12
852	BUILDING TRADES (Spring)	11, 12
BUSINESS EDUCATION		
309	INTRO TO BUSINESS/PERSONAL FINANCE	9, 10, 11, 12
305CA	COMPUTER APPLICATIONS	9, 10, 11, 12
314B	BUSINESS COOPERATIVE WORK SEMINAR	9, 10, 11, 12
315B	BUSINESS COOPERATIVE WORK EXPERIENCE	10, 11, 12
321	SPORTS/ENTERTAINMENT MARKETING	10, 11, 12
310	CIS ACCOUNTING I	11, 12
314	CIS INTRO TO BUSINESS MANAGEMENT	11, 12
352	ENTREPRENEURSHIP	11, 12
ENGINEERING EDUCATION		
838 & 839	CIS INTRO TO ENGINEERING DESIGN I & II	9, 10, 11, 12
840 & 841	CIS PRINCIPLES OF ENGINEERING I & II	10, 11, 12
842 & 843	CIS CIVIL ENGINEERING & ARCHITECTURE I & II	10, 11, 12
833 & 834	CIS COMPUTER SCIENCE I & II	10, 11, 12
677	BIOLOGICAL ENGINEERING	10, 11, 12
678	CHEMICAL ENGINEERING	10, 11, 12
ENGLISH EDUCATION		
100SC & 101SSC	ENGLISH 9 I & II	9
1109SC & 1119SC	PRE-AP ENGLISH 9 I & II	9
10210 & 10310	ENGLISH 10 I & II	10
112 & 113	PRE-AP ENGLISH 10 I & II	10
10411 & 10511	ENGLISH 11 I & II	11
10612	ENGLISH 12	12
121	CREATIVE WRITING	11, 12
178	DIGITAL MEDIA LITERACY	11, 12
108	INTRO TO HUMANITIES	11, 12
123	JOURNALISM	11, 12
122	NOVELS	11, 12
125	WORLD DRAMA & THEATRE ARTS	11, 12
120	CIS INTRO TO COMMUNICATION/SPEECH	11, 12
116 & 117	AP ENGLISH LANGUAGE & COMPOSITION	11, 12
114 & 115	AP ENGLISH LITERATURE & COMPOSITION	12
1951 & 1962	AP SEMINAR LANG & COMPOSITION I & II	11, 12
197 & 198	AP RESEARCH I & II	12

FAMILY AND CONSUMER SCIENCES (FACS)

815SC	FOODS 9	9
815	FOODS	10, 11, 12
816CF	CREATIVE FOODS	10, 11, 12
810	CHILD DEVELOPMENT	10, 11, 12
838A	INTERIOR DESIGN	10, 11, 12
818	LIVING ON YOUR OWN	11, 12
821CA	CULINARY ARTS I (Fall)	11, 12
822CA	CULINARY ARTS II (Spring)	11, 12

MATHEMATICS EDUCATION

400SC & 401SC	INTERMEDIATE ALGEBRA I & II	9
402SC & 403SC	GEOMETRY I & II	9
402 & 403	GEOMETRY I & II	10
40410 & 40510	ADVANCED ALGEBRA I & II (Intensive)	10, 11
404 & 405	ADVANCED ALGEBRA I & II	10, 11, 12
406 & 407	ADVANCED MATH TOPICS	11, 12
414	PRE-CALCULUS I	11, 12
833 & 834	CIS COMPUTER SCIENCE I	10, 11, 12
415C	CIS PRE-CALCULUS II	11, 12
453 & 454	AP CALCULUS I & II	11, 12
456 & 457	AP STATISTICS I & II	11, 12
410ICA	CIS INTRO TO COLLEGE ALGEBRA	11, 12
411CA	CIS COLLEGE ALGEBRA	11, 12

MUSIC EDUCATION

200FT1 & 200FT2	VARSITY BAND (Full time)	9
200HT1 & 200HT2	VARSITY BAND (Half time)	9
202 & 203	CONCERT BAND	10, 11, 12
2071 & 2072	JAZZ ENSEMBLE I & II	10, 11, 12
204 & 205	SYMPHONIC BAND	10, 11, 12
2061 & 2062	WIND SYMPHONY	10, 11, 12
220FT1 & 220FT2	VARSITY CHOIR (Full time)	9
220HT1 & 220HT2	VARSITY CHOIR (Half time)	9
227 & 228	BARDS	10, 11, 12
223 & 224	CONCERT CHORALE	10, 11, 12
2291 & 2292	WINDFALL I & II	10, 11, 12
225 & 226	A CAPPELLA CHOIR	11, 12
210FT1 & 210FT2	VARSITY ORCHESTRA (Full time)	9, 10, 11, 12
210HT1 & 210HT2	VARSITY ORCHESTRA (Half time)	9
212 & 213	SINFONIA ORCHESTRA I & II	9, 10, 11, 12
214 & 215	CHAMBER ORCHESTRA I & II	9, 10, 11, 12
230	ACOUSTIC GUITAR I	10, 11, 12
232 & 2322	ACOUSTIC GUITAR ENSEMBLE	10, 11, 12
234 & 235	AP MUSIC THEORY I & II	11, 12

PHYSICAL EDUCATION AND HEALTH EDUCATION

502	HEALTH, WELLNESS & FITNESS	9, 10, 11, 12
517SC	SPORTS & FITNESS	9
511SC	STRENGTH & CONDITIONING (Fall)	9
512SC	STRENGTH & CONDITIONING (Spring)	9
513F	STRENGTH & CONDITIONING FOR FEMALES	9, 10, 11, 12
511	STRENGTH & CONDITIONING (Fall)	10, 11, 12
511S	STRENGTH & CONDITIONING (Spring)	10, 11, 12
513	STRENGTH & CONDITIONING FOR ATHLETES	10, 11, 12
518	AQUATIC SPORTS & FITNESS	10, 11, 12
517	SPORTS & FITNESS	10, 11, 12
515	LIFETIME FITNESS	10, 11, 12
510AC	ADVENTURE & CHALLENGE	11, 12
507	FITNESS TRIATHLON (Spring)	11, 12
520	BEGINNING YOGA	11, 12
615 & 616	HUMAN BIOLOGY I & CIS HUMAN BIOLOGY II	11, 12
531B	ASC NURSING ASSISTANT/HOME HEALTH AIDE	11, 12
617IN	CIS MEDICAL TERMINOLOGY INDEPENDENT	11, 12

SCIENCE EDUCATION

600SC & 601SC	PHYSICAL SCIENCE I & II	9
602SC & 603SC	BIOLOGY I & II (Honors)	9
602 & 603	BIOLOGY I & II	10
677	BIOLOGICAL ENGINEERING	10, 11, 12
678	CHEMICAL ENGINEERING	10, 11, 12
611 & 612	CHEMISTRY I & II	10, 11, 12
624 & 625	AP BIOLOGY I & II	10, 11, 12
613	ENVIRONMENTAL SCIENCE (Fall)	11, 12
614	ENVIRONMENTAL SCIENCE (Spring)	11, 12

615 & 616	HUMAN BIOLOGY I & CIS HUMAN BIOLOGY II	11, 12	9822	MEDIA TECHNOLOGY AIDE (IT Helpdesk)	10, 11, 12
618 & 619A	PHYSICS I & II	11, 12	929	AGRICULTURE SCIENCE AIDE	11, 12
621	WILDLIFE FORENSICS (Spring)	11, 12	879	APPLIED TECHNOLOGY AIDE	11, 12
626C & 627C	AP/CIS PHYSICS I & II	11, 12	328	BUSINESS EDUCATION AIDE	11, 12
622 & 623	AP CHEMISTRY I & II	11, 12	985	CASE MANAGER AIDE	11, 12
614C	CIS ENVIRONMENTAL SCIENCE	11, 12	126	ENGLISH EDUCATION AIDE	11, 12
SOCIAL STUDIES EDUCATION			829	FAMILY & CONSUMER SCIENCE AIDE	11, 12
704SC	WORLD GEOGRAPHY	9	420	MATHEMATICS EDUCATION AIDE	11, 12
7221SC & 7222SC	AP HUMAN GEOGRAPHY I & II	9	207	MUSIC EDUCATION AIDE BAND	11, 12
7011 & 7012	WORLD HISTORY I & II	10	236	MUSIC EDUCATION AIDE CHOIR	11, 12
734 & 735	AP WORLD HISTORY I & II	10	220	MUSIC EDUCATION AIDE ORCHESTRA	11, 12
731 & 732	AP EUROPEAN HISTORY I & II	10, 11, 12	527	PHYSICAL EDUCATION & HEALTH AIDE	11, 12
778	CRIMINAL JUSTICE	10, 11, 12	529	ADAPTIVE PHYSICAL EDUCATION AIDE	11, 12
708	PSYCHOLOGY	10, 11, 12	630	SCIENCE EDUCATION AIDE	11, 12
709	SOCIOLOGY	10, 11, 12	740	SOCIAL STUDIES EDUCATION AIDE	11, 12
702 & 703	AMERICAN HISTORY I & II	11	275	VISUAL ART AIDE	11, 12
720 & 721	AP US HISTORY I & II	11	379	WORLD LANGUAGE AIDE	11, 12
724	AP AMERICAN GOVERNMENT	11, 12	BY ACADEMIC PLACEMENT ONLY		
723A & 723B	AP ART HISTORY I & II	11, 12	<u>English</u>		
730	AP PSYCHOLOGY	11, 12	100PE	ONLINE ENGLISH	9, 10, 11, 12
706	AMERICAN GOVERNMENT	12	172LC & 173LC	READING LANGUAGE I	9, 10
706OLI	ONLINE - AMERICAN GOVERNMENT	12	9101 & 91012	ENGLISH SKILLS I	9, 10
707	ECONOMICS	12	9809 & 98092	FUNDAMENTALS OF READING	9, 10
VISUAL ARTS EDUCATION			9102 & 91022	ENGLISH SKILLS II	11, 12
240	INTRO TO VISUAL ARTS	9, 10, 11, 12	174LC & 175LC	READING LANGUAGE II	11, 12
970	TELEVISION PRODUCTION I	9, 10, 11, 12	172NC & 1722NC	READING STRATEGIES	11, 12
986 & 987	YEARBOOK I & II	9, 10, 11, 12	909 & 9091	READING SKILLS	11, 12
264	INTRO TO VIDEO GAME DESIGN	9, 10, 11, 12	170SC & 171SC	ENGLISH 9 CONCEPTS I & II	9
265	INTERMEDIATE VIDEO GAME DESIGN	9, 10, 11, 12	170 & 171	ENGLISH 10 CONCEPTS I & II	10
971	ASC TELEVISION PRODUCTION II	10, 11, 12	17011 & 17711	ENGLISH 11 CONCEPTS I & II	11
244	ARTIST'S BOOKS I	10, 11, 12	17012 & 17112	ENGLISH 11 CONCEPTS I & II	12
2442	ARTIST'S BOOKS II	10, 11, 12	<u>Mathematics</u>		
249	DECOY DESIGN I	10, 11, 12	400PM	ONLINE MATH	9, 10, 11, 12
250	DECOY DESIGN II	10, 11, 12	470PA & 471PA	PRE-ALGEBRA	9
245	DRAWING I	10, 11, 12	9475 & 94752	TECH MATH II	9, 10, 11, 12
276	INTRO TO GRAPHIC DESIGN	10, 11, 12	9476 & 94762	TECH MATH III	9, 10, 11, 12
262	ASC DIGITAL PHOTOGRAPHY	10, 11, 12	9478 & 94782	TECH MATH IV	9, 10, 11, 12
251	PAINTING	10, 11, 12	9479 & 94792	TECH MATH V	9, 10, 11, 12
255	POTTERY I	10, 11, 12	474 & 475	ADVANCED ALGEBRA CONCEPTS I & II	11, 12
256	POTTERY II	10, 11, 12	9480	CONSUMER MATH	12
268	ADVANCED ART PORTFOLIO	10, 11, 12	<u>Other</u>		
972	TELEVISION PRODUCTION III, INDEPENDENT	10, 11, 12	500PH	ONLINE HEALTH	9
WORLD LANGUAGE EDUCATION			600PS	ONLINE SCIENCE	9, 10, 11, 12
381 & 3812	AMERICAN SIGN LANGUAGE I	9, 10, 11, 12	700PS	ONLINE SOCIAL STUDIES	9, 10, 11, 12
382A & 382B	AMERICAN SIGN LANGUAGE II	10, 11, 12	901SC	AGRI-SCIENCE I (Fall)	9, 10, 11, 12
371A & 371B	SPANISH I	9, 10, 11, 12	902SC	AGRI-SCIENCE II (Spring)	9, 10, 11, 12
372A & 372B	SPANISH II	10, 11, 12	98074 & 980742	PAES LAB	9, 10
373A & 373B	SPANISH III & CIS SPANISH III	11, 12	9532 & 95322	DAPE	9, 10, 11, 12
374A & 374B	SPANISH IV	12	9802 & 98022	GROUP SKILLS	9, 10, 11, 12
375A & 375B	AP SPANISH	12	9804 & 98042	POWER HOUR	9, 10, 11, 12
ADDITIONAL PROGRAMS AND COURSES			9812 & 98122	SOCIAL SKILLS	9, 10, 11, 12
9995F	STUDY CENTER (Fall)	9, 10, 11, 12	9807 & 98072	WORK SEMINAR CLASS	10, 11, 12
9995S	STUDY CENTER (Spring)	9, 10, 11, 12	9803VS & 9803V2	VOCATIONAL SKILLS I & II	10, 11, 12
998F	AP OPEN HOUR (Fall)	10	9810 & 98102	SERVICE LEARNING	11, 12
998S	AP OPEN HOUR (Spring)	10	9805 & 98052	WORK-BASED LEARNING	11, 12
996F	OPEN HOUR (Fall)	11, 12	<u>Developmental Cognitive Disability (DCD)</u>		
996S	OPEN HOUR (Spring)	11, 12	9803TA	ACADEMICS	9, 10, 11, 12
98075	FUN 'N' FRIENDS WORK STUDY	10, 11, 12	9800 & 98002	BASIC SOCIAL SKILLS	9, 10, 11, 12
932	COOPERATIVE WORK SEMINAR	10, 11, 12	9161 & 91612	COMMUNICATION SKILLS	9, 10, 11, 12
933	COOPERATIVE WORK EXPERIENCE	11, 12	9532 & 95322	DAPE	9, 10, 11, 12
817	FUNDAMENTALS OF AVIATION	11, 12	9811 & 98112	INDEPENDENT LIVING SKILLS	9, 10, 11, 12
994	STUDENT MENTOR	11, 12	98074 & 980742	PAES LAB	9, 10, 11, 12
997F	POST SECONDARY ED OPTION (PSEO) (Fall)	11, 12	9808ML & 9808NS	OCCUPATIONAL SKILLS	9, 10, 11, 12
997FPT	POST SECONDARY ED OPTION (PSEO) (Fall)	11, 12	9474 & 94742	TECH MATH I	9, 10, 11, 12
997S	POST SECONDARY ED OPTION (PSEO) (Spring)	11, 12	9803 & 99032	TRANSITIONAL SKILLS	9, 10, 11, 12
997SPT	POST SECONDARY ED OPTION (PSEO) (Spring)	11, 12			
STUDENT ASSISTANT OPPORTUNITIES					
983SC	OFFICE AIDE (South Campus)	9, 10, 11, 12			
981	STUDENT SERVICES AIDE	9, 10, 11, 12			
9840	STUDENT SUCCESS CENTER AIDE	9, 10, 11, 12			
980	ACTIVITIES DEPARTMENT AIDE	10, 11, 12			
982	MEDIA CENTER AIDE	10, 11, 12			

AGRICULTURE SCIENCE

The Agriculture Department welcomes all students with interest in plants, animals, or natural resource 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 South Campus greenhouse, and area resources. Therefore, attendance is a critical component to your success. Students who enroll in any agriculture course may join FFA, a co-curricular student leadership organization that promotes personal growth, leadership, and career success. Students who join FFA must be enrolled in at least one Agricultural Science course during the school year.

INTRODUCTORY COURSES

INTRO TO AGRICULTURE (ANIMALS)

Course Number: 905SC

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 horses, 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.

EXPLORING AGRICULTURE (PLANTS)

Course Number: 906SC

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.

INTERMEDIATE COURSES

EQUINE SCIENCE

Course Number: 917

Grade Level: 9, 10, 11, 12

Credits: 1, Science elective credit

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, judging and selection of horses, health and diseases,

feeding and nutrition, reproduction and foaling, and overall stable management.

SMALL ANIMAL SCIENCE

Course Number: 916

Grade Level: 9, 10, 11, 12

Credits: 1, Science elective credit

Prerequisite: For grade 9 students **Intro to Agriculture (Animals)**

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.

ANIMAL SCIENCE I

Course Number: 911

Grade Level: 10, 11, 12

Credits: 1, Science elective credit

Prerequisite: Successful completion of **Biology 1** or **Intro to Agriculture (Animals)**

This course is open to students with either prerequisite course fulfilled since we will go in-depth to studying food production (farm) animals. This course 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 Agriculture: Animals* first. Since it is a classroom study of large animals, there is minimal student contact with animals.

ANIMAL SCIENCE II

Course Number: 914

Grade Level: 10, 11, 12

Credits: 1, Science elective credit

Prerequisite: Successful completion **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.

HORTICULTURE SCIENCE

Course Number: 913

Grade Level: 10, 11, 12

Credits: 1

Prerequisite: Successful completion of **Biology 1** or **Exploring Agriculture (Plants)**

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 kind: native, edible wild and therapeutic houseplants. Students will study identification and propagation of ornamental trees, shrubs and fruits and sustainable practices for landscaping, gardening and

food self-reliance. Much of the class is experiential in the greenhouse at South Campus, as well as the extended school grounds and neighborhood. Therefore, attendance and willingness to engage in hands-on activities is critical for success.

ADVANCED COURSES

ASC GREENHOUSE PRODUCTION (Spring)

Course Number: 912

Grade Level: 10, 11, 12

Credits: 1, Science elective credit

Prerequisite: Successful completion of Biology 1 or Exploring Agriculture: Plants

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.



AG LEADERSHIP/WORK EXPERIENCE INTERNSHIP

Course Number: 926IN (Fall), 927IN (Spring)

Grade Level: 10, 11, 12

Credits: 1

Prerequisite: Teacher approval

These are independent study courses. This is a combination course for students interested in leadership skills, and applying those skills through the FFA and cooperative work experience.

NATURAL RESOURCE SCIENCE

Course Number: 910N

Grade Level: Grades 10, 11, 12

Credits: 1, Science elective credit

Prerequisite: Successful completion of Biology 1 or Exploring Agriculture (Plants)

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.



ASC RESEARCH IN AGRICULTURE

Course Number: 925IN

Grade Level: 11, 12

Credits: 1

Prerequisite: Successful completion of Biology 1 or Exploring Agriculture (Plants) or teacher approval

This course is an independent study course. Students must have prior approval from teacher before placement.



APPLIED TECHNOLOGY

Applied Technology and Engineering Education programs at Brainerd High School 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 math, science, technology, technical presentation, and language skills. Courses are designed to provide students with the needed 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 or the government. Applied Technology programs reinforce student learning in critical thinking, problem solving, design, and group dynamic skills.

Note: Courses in Television Production are listed in the Visual Arts section of this catalog.

INTRODUCTORY COURSES

INTRO TO CAD AND CONSTRUCTION (C and C)

Course Number: 856C

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 and M)

Course Number: 856M

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: 867

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: 868

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.

EXPLORING CONSTRUCTION

Course Number: 853

Grade Level: 10, 11, 12

Credits: 1

Recommended: 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 sophomores or juniors interested in moving on to our Building Trades course as a senior, or anybody that wants some experience in many of the areas in the field of Construction.

ASC OUTDOOR POWER EQUIPMENT

Course Number: 844

Grade Level: 10, 11, 12

Credits: 1

Prerequisite: Intro to Metals and Motors or Grades 11, 12

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.

WELDING I

Course Number: 874

Grade Level: 10, 11, 12

Credits: 1

Prerequisite: Intro to Metals and Motors or Grades 11, 12

This course is an introduction to 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.). As always, student safety is the first priority.



ASC WELDING II

Course Number: 874B

Grade Level: 10, 11, 12

Credits: 1

Additional Credit Option: Articulated College Credit from CLC
Prerequisite: Welding I with a grade "C" or higher or teacher approval

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 1 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.). Again, student safety is the first priority.

WOODWORKING I

Course Number: 877
Grade Level: 10, 11, 12



Credits: 1, Fulfills Art Requirement

Prerequisite: Intro to CAD and Construction or Grade 11 or 12

In this course, the students will learn 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 new CNC (Computer Numeric Control) router.

WOODWORKING II

Course Number: 877B
Grade Level: 10, 11, 12



Credits: 1, Fulfills Art Requirement

Prerequisite: Woodworking I with a grade "C" or higher or teacher approval

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.

ADVANCED COURSES

ADVANCED WELDING AND FABRICATION

Course Number: 876B
Grade Level: 11, 12
Credits: 1



Additional Credit Option: Articulated College Credit from CLC
Prerequisite: ASC Welding II with a grade "B" or higher or teacher approval

This is the most in-depth study of welding at BHS. 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. Students may work as a group on capstone projects. There is also a "community service" component to this course. Each student is required to "donate" one hour a month to welding and repair work around school or for the community. Students in this course will be expected to demonstrate highly developed workplace skills (work ethic, problem solving, time management, reliability, honesty, teamwork, etc.). As always, student safety is the first priority. In addition to classroom work, students must complete 16 hours of lab work at the Central Lakes College Welding facility.

ADVANCED WOODWORKING

Course Number: 878
Grade Level: 11, 12



Credits: 1, Fulfills Art Requirement

Prerequisite: Woodworking II with a grade "B" or higher or teacher approval

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 making, 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.



BUILDING TRADES (Fall)

Course Number: 851
Grade Level: 11, 12
Credits: 2, 2 hour block



Recommended: Exploring Construction

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.

BUILDING TRADES (Spring)

Course Number: 852
Grade Level: 11, 12
Credits: 2, 2 hour block



Recommended: Exploring Construction

The primary activity will be finishing our residential home 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.

BUSINESS EDUCATION

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: 309

Grade Level: 9, 10, 11, 12

Credits: 1

This is an introductory course, which offers students the opportunity to explore both the worlds of business and personal finance. The course is divided into content areas, which introduce basic concepts in marketing, economics, management, finance, and other core functions of business. Part of the semester will explore personal finance topics on earnings, budgeting, money management, credit/debt, and more. These lessons will help prepare students for financial success after graduation.

COMPUTER APPLICATIONS

Course Number: 305CA

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 SEMINAR

Course Number: 314B

Grade Level: 9, 10, 11, 12

Credits: 1

What do you want to be when you grow up? It is not an easy question to answer. 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 both paid and internship based work experience opportunities.

BUSINESS COOPERATIVE WORK EXPERIENCE

Course Number: 315B

Grade Level: 10, 11, 12

Credits: 1

Prerequisite: Business Cooperative Work Seminar

This course will combine skills learned from Business Cooperative Work Seminar with on the job experience. Students must be employed in an approved cooperative business work site. Students must work and log a minimum number of hours per week in order to earn work experience credit. Student may receive open hour and provide own transportation to work site. Work Coordinator must approve employment site prior to enrollment in course.

SPORTS/ENTERTAINMENT MARKETING

Course Number: 321

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.

Students can earn both high school and college credit through CIS courses. If a student is planning to take a CIS course that is through Central Lakes College, the student must apply to Central Lakes College before the semester begins.



ADVANCED COURSES

CIS ACCOUNTING I

Course Number: 310

Grade Level: 11, 12

Credits: 1

Additional Credit Option: CLC BUSN 1102 - 3 credits

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 degree.



CIS INTRO TO BUSINESS MANAGEMENT

Course Number: 314

Grade Level: 11, 12

Credits: 1

Additional Credit Option: CLC BUSN 1501 - 3 credits

Additional Credit Option: Advanced Standing MnSCU System

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.



ENTREPRENEURSHIP

Course Number: 352

Grade Level: 11, 12

Credits: 1

When was the last time you made a profit from taking a class? 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.



ENGINEERING EDUCATION

PLTW Engineering is more than just another high school 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. PLTW students have said that PLTW Engineering influenced their post-secondary decisions and helped shape their future. Even for students who do not plan to pursue engineering after high school, the PLTW Engineering program provides opportunities to develop highly transferable skills in collaboration, communication, and critical thinking, which are relevant for any coursework or career.

INTRODUCTORY COURSES

CIS INTRO TO ENGINEERING DESIGN I AND II

Course Numbers: 838, 839

Grade Level: 9, 10, 11, 12

Credits: 2, Fulfills Art Requirement

Yearlong Course

Additional Credit Option: CLC ASC MTRD 1130 – 2 credits, University of MN credits, St. Cloud State University – 3 credits
Prerequisite: This is the foundation course and prerequisite for all PLTW Engineering courses, suggested 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.



INTERMEDIATE COURSES

CIS PRINCIPLES OF ENGINEERING I AND II

Course Numbers: 840, 841

Grade Level: 10, 11, 12

Credits: 2, Fulfills Art Requirement,

Yearlong Course

Additional Credit Option: CLC ASC RAST 1110 – 1 credit, University of MN, St. Cloud State University – 3 semester credits for Jrs/Srs

Prerequisite: CIS Intro to Engineering Design I and II or teacher approval

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 CIVIL ENGINEERING AND ARCHITECTURE I AND II

Course Numbers: 842, 843

Grade Level: 10, 11, 12

Credits: 2

Yearlong Course

Additional Credit Option: University of MN, St. Cloud State University - 3 credits

Recommended: CIS Intro to Engineering Design I and II

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 will further understand how engineers and architects work together.



CIS COMPUTER SCIENCE I AND II

Course Numbers: 833, 834

Grade Level: 10, 11, 12

Credits: 1

Yearlong Course

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

Recommended: CIS Intro to Engineering Design I and II

Using Python® as a primary tool and incorporating multiple platforms and languages for computation, this course aims to develop computational thinking, generate excitement about career paths that utilize computing, and introduce professional tools that foster creativity and collaboration. CSE helps students develop programming expertise and explore the workings of the Internet. Projects and problems include app development, visualization of data, cyber security, and simulation.



BIOLOGICAL ENGINEERING

Course Number: 677

Grade Level: 10, 11, 12

Credit: 1

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

Prerequisite: Biology with grade of "C" or higher or teacher approval

Recommended: CIS Intro to Engineering Design I and II

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!



CHEMICAL ENGINEERING

Course Number: 678

Grade Level: 10, 11, 12

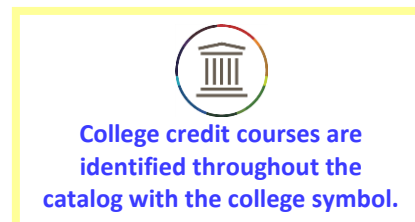
Credit: 1

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

Prerequisite: Biology with grade of "C" or higher or teacher approval

Recommended: CIS Intro to Engineering Design I and II

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 gases in the atmosphere.



ENGLISH EDUCATION

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 I and II, English 10 I and II, English 11 I and II, and English 12.

The English Department is offering three full-year Advanced Placement (AP) course offerings. College-bound students who wish to begin college level work in the high school setting should consider taking one or two courses through their junior and senior years. Pre-Advanced Placement 9 I and II and Pre-Advanced Placement 10 I and II are not prerequisites for the AP English courses. Students will take the nationwide Advanced Placement Exams administered by the College Board. College credit and/or advanced placement in college composition may be earned based on performance on the national examination.

REQUIRED COURSES

ENGLISH 9 I AND II

Course Numbers: 100SC, 101SC

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.

PRE-AP ENGLISH 9 I AND II

Course Numbers: 1109SC, 1119SC

Grade Level: 9

Credits: 2

Yearlong Course

This course is offered to highly motivated students who prefer a challenging and intensive curriculum. 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. Pre-AP 9 English will prepare students for later coursework in AP English courses.

ENGLISH 10 I AND II

Course Numbers: 10210, 10310

Grade Level: 10

Credits: 2

Yearlong course

Prerequisite: English 9 I and II or concurrent enrollment

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.

PRE-AP ENGLISH 10 I AND II

Grade Level: 10

Course Numbers: 112, 113

Credits: 2

Yearlong Course

In addition to the general targets of the sophomore courses, students will also gain an in-depth knowledge of the evolution of American literature. The course will have a strong and rigorous emphasis on academic writing practice and critical reading skills. Pre-AP English will prepare students for later coursework in AP English courses. This course is not a prerequisite for AP Language and Composition and/or AP Literature and Composition, but strongly encouraged.

ENGLISH 11 I AND II

Course Numbers: 10411, 10511

Grade Level: 11

Credits: 2

Yearlong course

Prerequisite: English 10 I and II or concurrent enrollment

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 Numbers: 10612

Grade Level: 12

Credits: 1

Prerequisite: English 11 I and II or concurrent enrollment

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 in order to practice evaluating intricate argumentation and literary analysis. Students will extend their earlier practice with vocabulary and writing--especially expository and literary analysis writing.

ELECTIVE COURSES

CREATIVE WRITING

Course Number: 121

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: 178

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.

INTRO TO HUMANITIES

Course Number: 108

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.

JOURNALISM

Course Number: 123

Grade Level: 11, 12

Credits: 1

This course explores journalistic writing through the analysis of newspapers, magazines, and online publications. The course covers newsgathering, ethics, writing styles, photography, editing, design, layout, and the printing process. Students will become analytical consumers of media and technology and will sharpen their writing and reporting skills by contributing to the school newspaper, *The Fifth Street Journal*.



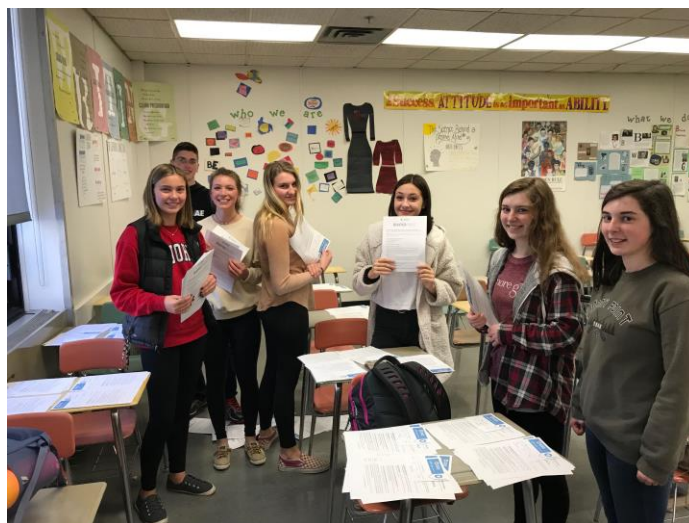
NOVELS

Course Number: 122

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 that truly enjoy reading, and would like to learn how to read a novel for both pleasure, and deeper understanding.



WORLD DRAMA AND THEATRE ARTS

Course Number: 125

Grade Level: 11, 12

Credits: 1

In this course, students will read some of the great plays written throughout world history. We begin the semester with a discussion of theatre and the language of dramatic literature, which leads to a hands-on study of great plays. Acting is not required. This course will often utilize a workshop format in which students analyze, comment on and critique dramatic literature in small and large group formats.

ADVANCED COURSES

CIS INTRO TO COMMUNICATION/SPEECH

Course Number: 120

Grade Level: 11, 12

Credits: 1

Additional Credit Option: CLC COMM 1410 – 3 credits

Prerequisite: Accuplacer score of 56 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.



AP ENGLISH LANGUAGE AND COMPOSITION

Course Numbers: 116, 117

Grade Level: 11, 12

Credits: 2

Yearlong Course

Prerequisite: Seniors must receive prior department approval

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 with 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, including timed writings, formal essays, revisions of drafts, reflections, imitation exercises, and research papers.



AP ENGLISH LITERATURE AND COMPOSITION

Course Numbers: 114, 115

Grade Level: 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 and in life. 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 only will receive the certificate.

AP SEMINAR LANGUAGE AND COMPOSITION I AND II

Course Numbers: 1951, 1962

Grade Level: 11, 12

Credits: 2

Yearlong course

This course combines both AP Seminar and AP English Language and Composition and will meet the requirements for both courses as described by the College Board. Students will develop rhetorical and analytical reading skills and learn to compose written work at the collegiate level for a variety of purposes. Students will explore academic and real-world multi-disciplinary topics of their choice by considering divergent perspectives and evaluating a variety of sources for relevance, credibility and validity. During the course, students will complete a team project, an individual paper and oral presentation, and take a written end-of-course exam in May — all three components contribute to the overall AP Seminar Exam score. Students will also complete the AP Language and Composition exam in May. This course will meet one hour a day and is team-taught by an English teacher and a science teacher.

Note: This course satisfies English 11 or English 12 or elective credit requirements.



AP RESEARCH I AND II

Course Numbers: 197, 198

Grade Level: 12

Credits: 2

Yearlong course

Prerequisite: AP Seminar Lang and Comp I and II

Allows students to deeply explore an academic topic, problem, or issue of individual interest. Through this exploration, students design, plan, and conduct a yearlong research based investigation to address a research question. 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 a research question. Students explore their skill development, document their processes, and curate the artifacts of the development of their scholarly work in a portfolio. The course culminates in an academic paper of approximately 4000–5000 words (accompanied by a performance or exhibition of product where applicable) and a presentation with an oral defense. This course is team-taught by an English teacher and a science teacher.

Note: This course satisfies English 12 or elective credit requirements.



Students can earn both high school and college credit through CIS courses. If a student is planning to take a CIS course that is through Central Lakes College, the student must apply to Central Lakes College before the semester begins.

FAMILY AND CONSUMER SCIENCES (FACS)

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

FOODS 9

Course Number: 815SC

Grade Level: 9

Credits: 1

Students will learn the basic skills needed to establish lifelong healthy eating habits. There will be many preparation and tasting opportunities including snacks, fruits, vegetables, breads, pastas, and even a sweet or two. No experience required.



INTERMEDIATE COURSES

FOODS

Course Number: 815

Grade Level: 10, 11, 12

Credits: 1

In this course, students will study the methods of food preparation, meal planning, and basic nutrition. Students will plan and prepare a variety of foods to gain an understanding of the reasons behind the preparation methods and techniques. Prior to lab experiences, students will participate in instruction covering safe food handling and kitchen safety. Students will also learn the basics of proper measuring techniques, equipment handling, recipe reading, preparation techniques, and team planning.



CREATIVE FOODS

Course Number: 816CF

Grade Level: 10, 11, 12

Credits: 1

Students will study creative food preparation in this course. Restaurant-style presentation and techniques will be the focus of each unit. Students will learn about food safety and sanitation, measuring techniques, tools, and terms of recipes, healthy preparation techniques, and creative food preparation techniques. Units of study will include safety and sanitation, table setting and etiquette, chocolate, cake decorating, appetizers, choux pastry, spices, coffee and teas, and ethnic foods. Students will plan and prepare a variety of foods with a focus on appearance and presentation.



CHILD DEVELOPMENT

Course Number: 810

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 “Baby Think It Over” parenting simulation program.

INTERIOR DESIGN

Course Number: 838A

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. Students are eligible to earn a Fine Arts credit upon successful completion of the course.

LIVING ON YOUR OWN

Course Number: 818

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 Numbers: 821CA (Fall)

Grade Level: 11, 12

Credits: 1

Recommended: Foods 9, Foods, or Creative Foods

This course uses the Prostart Curriculum, designed by the National Restaurant Association for students who are interested in going into the restaurant or hospitality fields. Students will learn the skills and knowledge they need for success in the foodservice industry, such as: food safety and sanitation, knife skills, and operating basic and specialized kitchen equipment. Units of study will be making meringues, making stocks, soups and sauces, methods of cooking, flavoring with herbs and spices, salads and sandwiches, artisan pizza, plating techniques and more. Students will also learn basic management skills throughout the course. Students will work closely with a mentor chef from a local food service establishment throughout the course.



CULINARY ARTS II

Course Numbers: 822A (Spring)

Grade Level: 11, 12

Credits: 1

Recommended: Foods 9, Foods, or Creative Foods

This course uses the Prostart Curriculum, designed by the National Restaurant Association, to prepare students for careers in the restaurant and hospitality fields. Students will learn basic restaurant management skills, safe food handling procedures, and knife skills. Students will also learn culinary skills such as eggs and dairy, breakfast cookery, potatoes and grains, cooking methods for meats and poultry, artisan breads, advanced baking including cakes, specialty desserts and more. Students will work closely with a mentor chef from a local food service establishment throughout the course.



MATHEMATICS EDUCATION

Graduation requirements mathematics are as follows:

- 6 mathematics credits in Grades 9 – 12
- MCA III Mathematics test in Grade 11
- Successful completion of Advanced Algebra I and II

REQUIRED COURSES

INTERMEDIATE ALGEBRA I AND II

Course Numbers: 400SC, 401SC

Grade Level: 9

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 I AND II

Course Numbers: 402SC, 403SC

Grade Level: 9

Credits: 2

Yearlong Course

Prerequisite: Inter. Algebra I and II (full year)

This course covers 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 I AND II

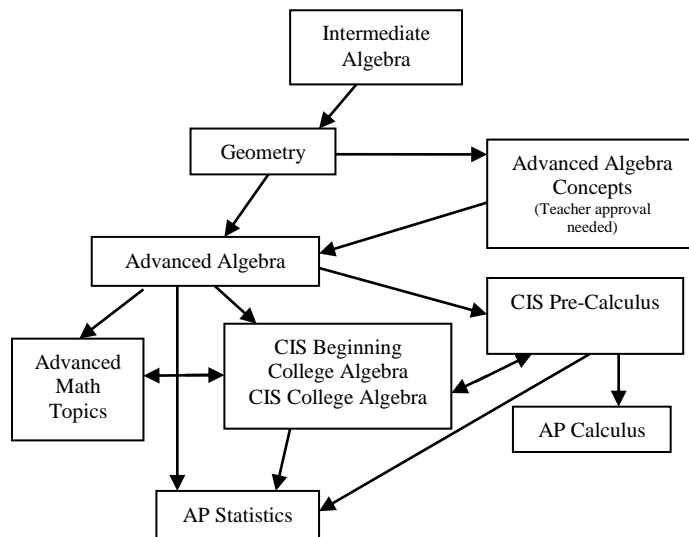
Course Numbers: 402, 403

Grade Level: 10

Credits: 2

Yearlong Course

Prerequisite: Inter. Algebra I and II (full year)



ADVANCED ALGEBRA I AND II

Course Numbers: 404, 405

Grade Level: 10, 11, 12

Credits: 2

Yearlong Course

Prerequisite: Geometry I and II or concurrent enrollment in Geometry with teacher approval

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.

ADVANCED ALGEBRA I AND II

Course Numbers: 40410, 40510

Grade Level: 10, 11

Credits: 2

Yearlong Course

Prerequisite: Geometry I and II, with teacher approval

INTENSIVE ADVANCED ALGEBRA

ELECTIVE COURSES

ADVANCED MATH TOPICS

Course Numbers: 406, 407

Grade Level: 11, 12

Credits: 2

Yearlong Course

Prerequisite: Advanced Algebra II with a "C" for full year

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.

PRE-CALCULUS I

Course Numbers: 414

Grade Level: 11, 12

Credits: 1

Prerequisite: Advanced Algebra with a grade of "B" or higher for full year

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.

ADVANCED COURSES

CIS COMPUTER SCIENCE I and II

Course Numbers: 833, 834

Grade Level: 10, 11, 12

Credits: 1

Yearlong Course

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

Prerequisite: Intro to Engineering and Design or teacher approval

Using Python® as a primary tool and incorporating multiple platforms and languages for computation, this course aims to develop computational thinking, generate excitement about career paths that utilize computing, and introduce professional tools that foster creativity and collaboration. CSE helps students develop programming expertise and explore the workings of the Internet. Projects and problems include app development, visualization of data, cyber security, and simulation.



CIS PRE-CALCULUS II

Course Numbers: 415C

Grade Level: 11, 12

Credits: 1

Additional Credit Option: CLC MATH 1472 - 5 credits

Prerequisite: Pre-calculus I, Accuplacer cut score required

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.



AP CALCULUS I AND II

Course Number: 453, 454

Grade Level: 11, 12

Credits: 2

Yearlong Course

Prerequisite: CIS Pre-Calculus II with a grade of "C" or higher

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. In AP Calculus II, 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.



Bridges Career Academy courses are identified throughout the catalog with the Bridges apple symbol.



College credit courses are identified throughout the catalog with the college symbol.

AP STATISTICS I AND II

Course Numbers: 456, 457

Grade Level: 11, 12

Credits: 2

Yearlong Course

Prerequisite: Advanced Algebra with a grade of "B" or higher for full year

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 covered 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.



CIS INTRO TO COLLEGE ALGEBRA

Course Number: 410ICA

Grade Level: 11, 12

Credits: 1

Additional Credit Option: CLC MATH 1520 – 3 credits

Prerequisite: Advanced Algebra with a grade of "B" or higher for full year, Accuplacer cut score required for CLC credit option

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 that will be covered in 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 non-linear 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: 411CA

Grade Level: 11, 12

Credits: 1

Additional Credit Option: CLC MATH 1470 – 3 credits

Prerequisite: CIS Intro to College Algebra, Accuplacer cut score required for CLC credit option

This course covers 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.



Students can earn both high school and college credit through CIS courses. If a student is planning to take a CIS course that is through Central Lakes College, the student must apply to Central Lakes College before the semester begins.

MUSIC EDUCATION

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, choral or orchestra directors.

Note: All courses fulfill Art Requirement.

BAND COURSES

VARSITY BAND (Full time)

Course Numbers: 200FT1, 200FT2

Grade Level: 9

Credits: 2

Yearlong Course

Full time students meet every day. Half time students meet every other day if enrolled in Choir or Orchestra. 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.

VARSITY BAND (Half time with additional music choice)

Course Number: 200HT1, 200HT2

Grade Level: 9

Credits: 1

Yearlong Course



CONCERT BAND

Course Numbers: 202, 203

Grade Level: 10, 11, 12

Credits: 2

Yearlong Course

Prerequisite: Audition or teacher approval

This course is designed for the emerging wind/percussion student who has 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 contest. Members also perform in the BHS Pep Band.

JAZZ ENSEMBLE I AND II

Course Numbers: 2071, 2072

Grade Level: 10, 11, 12

Credits: 2

Yearlong Course

Prerequisite: 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.

SYMPHONIC BAND

Course Numbers: 204, 205

Grade Level: 10, 11, 12

Credits: 2

Yearlong Course

Prerequisite: 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.

WIND SYMPHONY

Course Numbers: 2061, 2062

Grade Level: 10, 11, 12

Credits: 2

Yearlong Course

Prerequisite: 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.

CHORAL COURSES

VARSITY CHOIR (Full time)

Course Numbers: 220FT1, 220FT2

Grade Level: 9

Credits: 2

Yearlong Course

Full time students meet every day. Half time students meet every other day if enrolled in Band or Orchestra 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 (Half time with additional music choice)

Course Numbers: 220HT1, 220HT2

Grade Level: 9

Credits: 1

Yearlong Course

BARDS

Course Numbers: 227, 228

Grade Level: Males 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.



CONCERT CHORALE

Course Numbers: 223, 224

Grade Level: Females 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.

WINDFALL I AND II

Course Numbers: 2291, 2292

Grade Level: 10, 11, 12

Credits: 2

Yearlong Course

Prerequisite: 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.

A CAPPELLA CHOIR

Course Numbers: 225, 226

Grade Level: 11, 12

Credits: 2

Yearlong Course

Grade Level: 11, 12

Prerequisite: 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.

ORCHESTRA COURSES

VARSITY ORCHESTRA (Full time)

Course Numbers: 210FT1, 210FT2

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

Credits: 2

Yearlong Course

Full time students meet every day. Half time students meet every other day if enrolled in Choir or Band. Varsity Orchestra focuses on fundamentals of playing in tune, tone production, and ensemble playing. Varieties of musical styles are explored.

VARSITY ORCHESTRA (Half time with additional music choice)

Course Numbers: 210HT1, 210HT2

Grade Level: Grade 9

Credits: 1

Yearlong Course

SINFONIA ORCHESTRA I AND II

Course Numbers: 212, 213

Grade Level: 9, 10, 11, 12

Credits: 2

Yearlong Course

Prerequisite: Audition or teacher approval,

Violins: Completion of Suzuki Book 3

Violas, Cellos, Bass: Completion of Suzuki Book 2

Sinfonia meets every day. 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.

CHAMBER ORCHESTRA I AND II

Course Numbers: 214, 215

Grade Level: 9, 10, 11, 12

Credits: 2

Yearlong Course

Prerequisite: Audition or teacher approval

Violins: Completion of Suzuki Book 4

Violas, Cellos, 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.

ELECTIVE COURSES

ACOUSTIC GUITAR I

Course Number: 230

Grade Level: 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: 232, 2322

Grade Level: 10, 11, 12

Credits: 2

Yearlong Course

Prerequisite: Acoustic Guitar I, or have taken guitar lessons, or teacher approval

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.

ADVANCED COURSES

AP MUSIC THEORY I AND II

Course Numbers: 234, 235

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.



PHYSICAL AND HEALTH 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 and Science course. Students may take additional courses as elective credits. Maximum of one physical education course per semester.

REQUIRED COURSES

HEALTH, WELLNESS AND FITNESS

Course Number: 502

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/Heimlich maneuver/first aid, 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.



PHYSICAL EDUCATION ELECTIVE COURSES

SPORTS AND FITNESS

Course Number: 517SC

Grade Level: 9

Credits: 1

Get involved in organized activities and games while still getting a workout. Some of the activities included are badminton, basketball, floor hockey, volleyball, tennis, and much more. In this course, students will develop strength and cardiovascular training through a variety of activities. Underlying all of our activities and games is the general concept that students will gain a better understanding of lifetime fitness, how to apply it to their lives now, and after high school.

STRENGTH AND CONDITIONING

Course Number: 511SC (Fall), 512SC (Spring)

Grade Level: 9

Credits: 1

This course is designed with an emphasis on understanding the importance of strength development for both athletics and lifetime fitness. Students will be working-out in the high school weight room up to four days a week along with some scheduled gym activity. The strength you will gain in this course will allow you to jump higher, run faster, and be more explosive in all your movements. This course can be repeated.

STRENGTH AND CONDITIONING FOR FEMALES

Course Number: 513F

Grade Level: 9, 10, 11, 12

Credits: 1

Prerequisite: Health, Wellness, and Fitness

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.

STRENGTH AND CONDITIONING FOR ATHLETES

Course Number: 513

Grade Level: 10, 11, 12

Credits: 1

Prerequisite: Health, Wellness, and Fitness, Instructor and coach permission before registration

This course is designed for the student athlete to enhance strength for the students' particular competitive sport. Instructor/coach and student are able to make modifications to the program to complement their competitive season.

STRENGTH AND CONDITIONING

Course Number: 511 (Fall), 511S (Spring)

Grade Level: 10, 11, 12

Credits: 1

Prerequisite: Health, Wellness, and Fitness

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.

AQUATIC SPORTS AND FITNESS

Course Number: 518

Grade Level: 10, 11, 12

Credits: 1

Prerequisite: Health, Wellness, and Fitness

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

SPORTS AND FITNESS

Course Number: 517

Grade Level: 10, 11, 12

Credits: 1

Prerequisite: Health, Wellness, and Fitness

Activities may include, but are not limited to, touch football, volleyball, floor hockey, basketball, gatorball, softball, aqua activities, and outdoor winter activities. Activities in dual sports may include badminton, pickle ball, and table tennis. Students will participate in fitness assessments, fitness workouts, and strength training.

LIFETIME FITNESS

Course Number: 515

Grade Level: 10, 11, 12

Credits: 1

Prerequisite: Health, Wellness, and Fitness

This course is designed for the student who is looking for an alternative course to improve their fitness level and become healthier. Within this course, you will learn how to set a personal fitness plan and set your own 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.

ADVENTURE AND CHALLENGE

Course Number: 510AC

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, and high ropes course.

FITNESS TRIATHLON (Spring)

Course Number: 507

Grade Level: 11, 12

Credits: 1

Prerequisite: Health, Wellness, and Fitness, Teacher approval before registration

This course stresses physical fitness training through running, bicycling, swimming, strength training, and a variety of additional fitness activities. The course will conclude with a competition that includes distance swim, bicycle race, and distance run.

BEGINNING YOGA

Course Number: 520

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.

HEALTH EDUCATION ELECTIVES

HUMAN BIOLOGY I AND CIS HUMAN BIOLOGY II

Course Numbers: 615, 616

Grade Level: 11, 12

Credits: 2



Yearlong Course

Additional Credit Option: CLC BIOL 1404 – 3 credits

Prerequisite: Biology I and II, Accuplacer score of 56 in reading

This course introduces the structure and function of the human body. Topics include the following body systems: Integumentary, digestive, cardiovascular, lymphatic, respiratory, excretory, skeletal, muscular, nervous, endocrine, and reproductive. Laboratory sessions will include dissection.
Note: Students will have the option of concurrently enrolling in 617IN Medical Terminology.

ASC NURSING ASSISTANT/HOME HEALTH AIDE

Course Number: 531B

Grade Level: 11, 12

Credits: 1



Prerequisite: Health, Wellness, and Fitness, Application process for course

This course is for students who are interested in a career in a medical field. Skills needed to become a nursing assistant are included with the *opportunity to become a certified nursing assistant/home health aide*. This course qualifies the students for advanced placement in related health programs at CLC and other colleges and universities prerequisite for nursing. CLC provides the necessary certification test. District #181 provides partial funding for the certification test. Students need 20 hours of clinical work, most of which are after school. This class may be held at BHS or CLC. If class is at the college, you will need transportation to and from BHS

CIS MEDICAL TERMINOLOGY INDEPENDENT STUDY

Course Number: 617IN

Grade Level: 11, 12

Credits: 1



Additional Credit Option: CLC HINS 1360 - 3 credits

Prerequisite: Biology II or AP Biology II, Accuplacer score of 56 in reading

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

Note: Medical Terminology requires completion of coursework and tests outside of class time.

SCIENCE EDUCATION

REQUIREMENTS:

- 6 Science credits in grades 9-12 (Some Agricultural Science and Engineering courses apply as elective science credits)
- MCA III Science Test for students enrolled in Biology II (spring)
- MN Graduation Rule: Meet all MN State Science Standards* and the following credits: 1 full year (2 credits) Biology and 1 full year (2 credits) of Chemistry or Physics (*Students must take either Physical Science 9 -or- a year of Chemistry AND a year of Physics to meet all state science standards)

HONORS Sequence:

- Students must also be enrolled in advanced math courses
- Required to take Biology I and II, Chemistry I and II, and Physics I and II to fulfill MN Graduation Rule

REQUIRED COURSES

PHYSICAL SCIENCE I AND II

Course Numbers: 600SC, 601SC

Grade Level: 9

Credits: 2

Yearlong Course

This course introduces both chemistry and physics with an emphasis on concepts such as atomic structure, chemical reactions, nuclear chemistry, forces and motion, energy, magnetism and electricity. All content areas will contain a lab-oriented, inquiry approach to help develop problem-solving techniques.

BIOLOGY I AND II (Honors)

Course Numbers: 602SC, 603SC

Grade Level: 9

Credits: 2

Yearlong Course

Prerequisite: Concurrent enrollment in Geometry I and II

This course is an introduction to biology and living organisms. Topics include biochemistry, cells, mitosis, genetics, DNA, protein synthesis, evolution, biodiversity, and ecology. Lab investigations will give students the opportunity to apply the tools, techniques, and methods used by biologists. The MCA-III Science test is administered in the spring.

Note: Students enrolled in this course must complete both one year of chemistry and one year of physics in grades 10-12 to meet MN graduation standards.

BIOLOGY I AND II

Course Numbers: 602, 603

Grade Level: 10

Credits: 2

Yearlong Course

This course is an introduction to biology and living organisms. Topics include biochemistry, cells, mitosis, genetics, DNA, protein synthesis, evolution, bioethics, biodiversity, and ecology. Lab investigations will give students the opportunity to apply the tools, techniques, and methods used by biologists. The MCA-III Science test is administered in the spring.

ELECTIVE COURSES

BIOLOGICAL ENGINEERING

Course Number: 677

Grade Level: 10, 11, 12

Credit: 1

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

Prerequisite: Biology with grade of "C" or higher or teacher approval

Recommended: CIS Intro to Engineering Design I and II

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!



CHEMICAL ENGINEERING

Course Number: 678

Grade Level: 10, 11, 12

Credit: 1

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

Prerequisite: Biology with grade of "C" or higher or teacher approval

Recommended: CIS Intro to Engineering Design I and II

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 gases in the atmosphere.



CHEMISTRY I AND II

Course Numbers: 611, 612

Grade Level: 10, 11, 12

Credits: 2

Yearlong Course

Prerequisite: Biology I and II, Concurrent enrollment in Advanced Algebra I and II, or with teacher approval, Students must pass Chemistry I to take Chemistry II

Students will explore matter and energy and how they interact and change within our universe. Topics include atoms, molecules, the periodic table, ionic and covalent bonding, chemical reactions, stoichiometry, acids and bases, gases, solutions, and equilibrium. The course includes lecture, discussion, mathematical problem solving, and a significant laboratory component.

Note: All students register for Chemistry I and then must register for Chemistry II.



ENVIRONMENTAL SCIENCE (Fall)

Course Number: 613

Grade Level: 11, 12

Credits: 1

Prerequisite: Biology I and II

This course is an introduction to environmental science and explores the topics of ecology and populations as well as current local and global environmental issues. Students will participate in field studies, projects, and labs. This course is intended for learners of all levels with good work effort.

ENVIRONMENTAL SCIENCE (Spring)

Course Number: 614

Grade Level: 11, 12

Credits: 1

Prerequisite: Biology I and II

This course investigates the environmental impact of humans. Topics include our use of water, air and land, mineral and energy resources as well as health and policy issues. The environmental impacts of catastrophic events such as hurricanes, tornadoes, floods, and fires will also be discussed. This course is intended for learners of all levels with good work effort.

HUMAN BIOLOGY I AND CIS HUMAN BIOLOGY II

Course Numbers: 615, 616

Grade Level: 11, 12

Credits: 2

Yearlong Course

Additional Credit Option: CLC BIOL 1404 - 3 credits

Prerequisite: Biology I and II, Accuplacer score of 56 in reading

This course introduces the structure and function of the human body. Topics include the following body systems: Integumentary, digestive, cardiovascular, lymphatic, respiratory, excretory, skeletal, muscular, nervous, endocrine, and reproductive. Laboratory sessions will include dissection.

Note: Students will have the option of concurrently enrolling in 617IN Medical Terminology.



PHYSICS I AND II

Course Number: 618, 619A

Grade Level: 11, 12

Credits: 2

Prerequisite: Biology I and II, Advanced Algebra I and II, or with teacher approval; students must pass Physics I to take Physics II

Students will explore physics through the lens of scientific and mathematical models. It is recommended that students have earned a "C" or higher in Advanced Algebra I and II. The following models will be experienced during fall and spring semester: constant velocity, uniform acceleration, balanced force, unbalanced force, 2D force, central net force, energy storage and transfer, impulsive force, oscillating particles, mechanical waves in 2D, charge behavior and interactions, electric potential, circuits, and magnetism.

WILDLIFE FORENSICS (Spring)

Course Number: 621

Grade Level: 11, 12

Credits: 1

Prerequisite: Biology I and II or AP Biology I and II

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.

ADVANCED COURSES

AP BIOLOGY I AND II

Course Numbers: 624, 625

Grade Level: 10, 11, 12

Credits: 2

Yearlong Course

Prerequisite: Biology I and II, Chemistry I and II, or concurrent enrollment

A college-level introductory biology course with extensive laboratory work. AP Biology I topics include, biochemistry, cells, cellular energetics, molecular genetics and heredity, and



genetic engineering. AP Biology II topics include, evolution, survey of the diversity/kingdoms of life, animal systems, and ecology. Students will take the AP biology exam in May.

AP CHEMISTRY I AND II

Course Numbers: 622, 623

Grade Level: 11, 12

Credits: 2

Yearlong Course

Prerequisite: Chemistry I and II, Advanced Algebra I and II, or with teacher approval

This is a college level introductory course. Topics include, atomic structure, states of matter, and reactions of aqueous solutions, bonding, and kinetics. AP Chemistry II 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.



AP/CIS PHYSICS I AND II

Course Numbers: 626C, 627C

Grade Level: 11, 12

Credits: 2

Yearlong Course

Prerequisite: Physics I and II, Pre-Calculus I and II, or with teacher approval

Includes an algebra-based, introductory college level physics sequence and provides students with enduring understandings 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: simple pendulum and mass-spring systems, impulse, linear momentum, collisions, work, energy, rotational motion, rotational kinematics and energy, rotational dynamics, and conservation of angular momentum, electrostatics, DC circuits, and mechanical waves.



CIS ENVIRONMENTAL SCIENCE

Course Number: 614C

Grade Level: 11, 12

Credits: 1

Prerequisite: Biology I and II or AP Biology I and II

This course provides an overview of environmental studies as an interdisciplinary academic field which includes the past, present and future human environments. The course will cover environmental issues such as water, waste, agriculture, food, energy, climate-change, biodiversity loss, and industrial pollution.



Students can earn both high school and college credit through CIS courses. If a student is planning to take a CIS course that is through Central Lakes College, the student must apply to Central Lakes College before the semester begins.

SOCIAL STUDIES EDUCATION

The Social Studies requirements are to complete 7 credits in over the course of your four years. Students graduating from Brainerd High School 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. For students looking to go beyond the required Social Studies courses, 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. Students who have other interests in Social Studies can find other elective offerings.

REQUIRED COURSES

WORLD GEOGRAPHY

Course Number: 704SC

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 I and II, Course Numbers: 7221SC, 7222SC.

WORLD HISTORY I AND II

Grade Level: 10

Course Numbers: 7011, 7012

Credits: 2

Yearlong Course

This course will cover 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 I and II, Course Numbers: 734, 735 or AP European History I and II, Course Numbers: 731, 732.

AMERICAN HISTORY I AND II

Course Numbers: 702, 703

Grade Level: 11

Credits: 2

Yearlong Course

This course will cover 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 I and II, Course numbers: 720, 721.

AMERICAN GOVERNMENT

Course Number: 706

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.

Note: Students can replace this course with any AP social studies course.

ONLINE - AMERICAN GOVERNMENT

Course Number: 706OLI

Grade Level: 12

Credits: 1

This hybrid course will be taught through a combination of in class learning periods and out of class "online" learning. Students will be expected to attend scheduled class periods and complete scheduled assigned activities and readings online. The teacher will be available to meet with students during "online" class periods.

ECONOMICS

Course Number: 707

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.

Note: Students can replace this course with any AP social studies course.

ELECTIVE COURSES

CRIMINAL JUSTICE

Course Number: 778

Grade Level: 10, 11, 12

Credits: 1

This course gives students the 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: 708

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.

SOCIOLOGY

Course Number: 709

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 racial issues. Expect numerous films, discussions, and open-ended projects.

ADVANCED COURSES

AP HUMAN GEOGRAPHY I AND II

Course Numbers: 7221SC, 7222SC

Grade Level: 9

Credits: 2

Yearlong Course

Recommended: grade level proficiency in STAR reading and MCA assessments

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.



AP WORLD HISTORY I AND II

Course Numbers: 734, 735

Grade Level: 10

Credits: 2

Yearlong Course

This college-level course is designed to explore human history from 8000 B.C. 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.



AP EUROPEAN HISTORY I AND II

Course Numbers: 731, 732

Grade Level: 10, 11, 12

Credits: 2

Yearlong Course

This course parallels the basic survey course in Modern European History (1400-present) at the college level. Students



will develop an understanding of the principle themes in European history, an ability to analyze historical evidence, and an opportunity to express that understanding and analysis in writing.

AP US HISTORY I AND II

Course Numbers: 720, 721

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.



AP AMERICAN GOVERNMENT

Course Number: 724

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.



AP ART HISTORY I AND II

Course Numbers: 723A, 723B

Grade Level: 11, 12

Credits: 2

Yearlong Course

This course parallels an introductory college art history survey course beginning with prehistoric art and ending with Instagram. The course will foster an understanding and knowledge of the diverse historical and cultural contexts of architecture, sculpture, painting and other media. Students will examine and critically analyze major forms of artistic expression from a variety of cultures.



AP PSYCHOLOGY

Course Number: 730

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.



College credit courses are identified throughout the catalog with the college symbol.

VISUAL ARTS EDUCATION

Visual 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.

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

Note: All courses fulfill Art Requirement.

INTRODUCTORY COURSES

INTRO TO VISUAL ARTS

Course Number: 240

Grade Level: 9, 10, 11, 12

Credits: 1

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. Students will learn to analyze realistic, abstract, and non-objective artworks and to use a variety of styles to express themselves. They will create art in different areas including drawing, painting, and printmaking. This course is recommended as preparation for more specialized or advanced art courses and/or for students who have had limited visual art opportunities in the last few years of education.



ARTIST'S BOOKS I

Course Number: 244

Grade Level: 10, 11, 12

Credits: 1

This course introduces students to the exciting world of Artist Books. 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.

ASC DIGITAL PHOTOGRAPHY

Course Number: 262

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 also will have the opportunity to earn CLC college credit for the course.

Note: *Students should bring their own camera if they have one, but it is not required.*



DRAWING I

Course Number: 245

Grade Level: 10, 11, 12

Credits: 1

Prerequisite: Intro to Visual Arts

This course is an introduction to Drawing. The course covers 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. This class may be taken more than once.

DECOY DESIGN I

Course Number: 249

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 duck decoys.

INTRO TO GRAPHIC DESIGN

Course Number: 276

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.

POTTERY I

Course Number: 255

Grade Level: 10, 11, 12

Credits: 1

This course teaches the basics of ceramic 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.

TELEVISION PRODUCTION I

Course Number: 970

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. This course is required for the Bridges Career Academy in Television Productions.



INTRO TO VIDEO GAME DESIGN

Course Number: 264

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 cycle is used to design games, the components of a good game, color theory used in game design, how to create sprites and animation, and so much more.

YEARBOOK I AND II

Course Numbers: 986, 987

Grade Level: 9, 10, 11, 12

Credits: 2

Yearlong Course

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 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.



INTERMEDIATE COURSES

ARTIST'S BOOKS II

Course Number: 2442

Grade Level: 10, 11, 12

Credits: 1

Prerequisite: Artist's Books I or teacher approval

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.

DECOY DESIGN II

Course Number: 250

Grade Level: 10, 11, 12

Credits: 1

Prerequisite: Decoy Design I with a "B" or better

Students will learn to carve for extreme realism and likeness to specie. 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. This course may be repeated.

INTERMEDIATE VIDEO GAME DESIGN

Course Number: 265

Grade Level: 9, 10, 11, 12

Credits: 1

Prerequisite: Intro to Video Game Design with a "B" or better

This course expands on the technical skills and knowledge students gained in Intro to Game Design and focuses more on original and creative work, while simultaneously increasing focus on team collaboration. Students will create three games that build on their skills and knowledge from the Intro Course, then a majority of the course is spent designing and developing original games in collaborative groups.

PAINTING

Course Number: 251

Grade Level: 10, 11, 12

Credits: 1

Prerequisite: Intro to Visual Arts or Drawing I

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 in *Intro to Visual Art* 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.

POTTERY II

Course Number: 256

Grade Level: 10, 11, 12

Credits: 1

Prerequisite: Pottery I with a "B" or better

This course is a continuation of Pottery 1, and 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. This course may be repeated.

ASC TELEVISION PRODUCTION II

Course Number: 971

Grade Level: 10, 11, 12

Credits: 1

Prerequisite: Television Production I

This course will utilize and build upon the skills that were learned in Television 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. Successful completion of this course provides an advanced standing certificate for college credit.



This course is required for the Bridges Career Academy in Television Production.

Note: Students may register for this course multiple semesters.

ADVANCED COURSES

ADVANCED ART PORTFOLIO

Course Number: 268

Grade Level: 10, 11, 12

Credits: 1

Prerequisite: Two other art courses with a "B" or better or 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.

TELEVISION PRODUCTION III - INDEPENDENT

Course Number: 972

Grade Level: 10, 11, 12

Credits: 1

Prerequisite: ASC Television Production II and teacher approval

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. This course is an elective for the Bridges Career Academy in Television Productions.

Note: Students may register for this course multiple semesters.




College credit courses are identified throughout the catalog with the college symbol.


Bridges Career Academy courses are identified throughout the catalog with the Bridges apple symbol.

WORLD LANGUAGE 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.

AMERICAN SIGN LANGUAGE (ASL) COURSES

AMERICAN SIGN LANGUAGE I

Course Numbers: 381, 3812

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

Course Numbers: 382A, 382B

Grade Level: 10, 11, 12

Credits: 2

Yearlong Course

Recommended: Successful completion of American Sign Language I with a "C" average or above

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.

SPANISH COURSES

SPANISH I

Course Numbers: 371A, 371B

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 in Spanish I provide the necessary foundation for continued study. Cultural study is included to enrich the overall understanding of the language.

SPANISH II

Course Numbers: 372A, 372B

Grade Level: 10, 11, 12

Credits: 2

Yearlong Course

Recommended: successful completion of Spanish I with a "C" average or above

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

Course Numbers 373A, 373B

Grade Level: 11, 12

Credits: 2

Yearlong Course

Additional Credit Option: CLC SPAN 2401 - 3 credits

Prerequisite: Accuplacer score of 56 in reading

Recommended: Successful completion of Spanish II with a "C" average or above,

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.

SPANISH IV

Course Number: 374A, 374B

Grade Level: 12

Credits: 2

Yearlong Course

Recommended: successful completion of Spanish III with a "C" average or above

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.



AP SPANISH

Course Numbers: 375A, 375B

Grade Level: 12

Credits: 2

Yearlong Course

Recommended: Successful completion of Spanish III with a "C" average or above

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. Assignments are more rigorous and more frequent for the AP students.



Students can earn both high school and college credit through CIS courses. If a student is planning to take a CIS course that is through Central Lakes College, the student must apply to Central Lakes College before the semester begins.



College credit courses are identified throughout the catalog with the college symbol.

ADDITIONAL PROGRAMS AND 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.

NONCREDIT COURSES

STUDY CENTER

Course Number: 9995F (Fall), 9995S (Spring)

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.

AP OPEN HOUR

Course Number: 998F (Fall), 998S (Spring)

Grade Level: 10

Credits: 0

Prerequisite: Must have 2 AP courses in current semester

Students may register for a maximum of one AP open hour per semester only if credits toward graduation are complete.

OPEN HOUR

Hour	Course Number	Fall	Spring
1st hour		996F1	996S1
2nd hour		996F2	996S2
3rd hour		996F3	996S3
4th hour		996F4	996S4
5th hour		996F5	996S5
6th hour		996F6	996S6
7th hour		996F7	996S7

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 contingent on other course requests and conflicts.

Note: Seniors must take a minimum of 5 credits per semester.

Students can earn both high school and college credit through CIS courses. If a student is planning to take a CIS course that is through Central Lakes College, the student must apply to Central Lakes College before the semester begins.

MISCELLANEOUS COURSES

FUN 'N' FRIENDS WORK STUDY

Course Number: 98075

Grade Level: 10, 11, 12

Credits: 1

Prerequisite: Verified employment with ISD 181 Fun 'N' Friends program

This course will be offered during period 7 of the BHS school day and provides students an opportunity to earn elective credit for their employment.

COOPERATIVE WORK SEMINAR

Course Number: 932

Grade Level: 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. Goal of this course is to familiarize students with all facets of entering the World of Work and help them become productive employees. Students will study workplace communication skills, career exploration, applications, resumes, interviewing skills, child labor laws, workplace safety, and financial management.

COOPERATIVE WORK EXPERIENCE

Course Number: 933

Grade Level: 11, 12

Credits: 1

Prerequisite: Cooperative Work Seminar

This course will combine skills learned from Cooperative Work Seminar with on the job experience. Students must be employed in an approved cooperative business work site. Students must work and log a minimum number of hours per week in order to earn work experience credit. Student may receive open hour and provide own transportation to work site. Work Coordinator must approve employment site prior to enrollment in course.

FUNDAMENTALS OF AVIATION

Course Number: 817

Grade Level: 11, 12

Credits: 1

This course is an introductory study of the principles of flight. Subjects covered in this course include theory of flight, aerodynamics, aircraft operation, systems and performance, navigation, emergency procedures and FAA regulations. After successful completion of this course, students will be provided with a course completion certificate that will enable them to take the FAA Private Pilot written exam, which is a prerequisite for obtaining a private pilot certificate/rating. This course will also provide insight into potential aviation career paths with featured guest speakers that have significant experience within the aviation industry.

STUDENT MENTOR

Course Number: 994

Grade Level: 11, 12

Credits: 1

Prerequisite: Complete an application and provide a recommendation from a BHS teacher

Student assists teacher within the Social Skill courses (9800 or 9812). 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. Applications can be picked up in the Student Success Center.



POST SECONDARY ENROLLMENT OPTION (PSEO) (Fall)

Course Number: 997F (Full time) or 997FPT (Part-time)

Grade Level: 11, 12

Credits: Depends on the college course

Prerequisite: Jrs earning a cumulative 3.0 GPA, Srs earning a cumulative 2.5 GPA



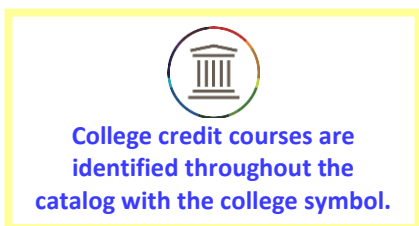
POST SECONDARY ENROLLMENT OPTION (PSEO) (Spring)

Course Number: 997S (Full time) or 997SPT (Part-time)

Grade Level: 11, 12

Credits: Depends on the college course

Prerequisite: Jrs earning a cumulative 3.0 GPA, Srs earning a cumulative 2.5 GPA



STUDENT ASSISTANT OPPORTUNITIES

Students who wish to be an assistant/aide must register for the appropriate course number and have a blue permission form signed by the teacher. Blue forms are available from the Student Success Center.

All assistant/aides credits are graded credit or "F". Credit is based on attendance and work skills. All assistant/aide opportunities will receive 0.5 credit.

Note: Seniors must take a minimum of 5 credits per semester.

The following courses are for students who wish to have a student assistant/aide opportunity.

OFFICE ASSISTANT/AIDES

Course Number	Course Name	Grade Level
983SC	OFFICE AIDE (South Campus)	9, 10, 11, 12
981	STUDENT SERVICES AIDE	9, 10, 11, 12
9840	STUDENT SUCCESS CENTER AIDE	9, 10, 11, 12
980	ACTIVITIES DEPARTMENT AIDE	10, 11, 12
982	MEDIA CENTER AIDE	10, 11, 12

DEPARTMENT ASSISTANT/AIDES

Course Number	Course Name	Grade Level
9822	MEDIA TECHNOLOGY AIDE (IT Helpdesk)	10, 11, 12
929	AGRICULTURE SCIENCE AIDE	11, 12
879	APPLIED TECHNOLOGY AIDE	11, 12
328	BUSINESS EDUCATION AIDE	11, 12
985	CASE MANAGER AIDE	11, 12
126	ENGLISH EDUCATION AIDE	11, 12
829	FAMILY AND CONSUMER SCIENCE AIDE	11, 12
420	MATHEMATICS EDUCATION AIDE	11, 12
207	MUSIC EDUCATION AIDE FOR BAND	11, 12
236	MUSIC EDUCATION AIDE CHOIR	11, 12
220	MUSIC EDUCATION AIDE ORCHESTRA	11, 12
527	PHYSICAL EDUCATION and HEALTH AIDE	11, 12
529	ADAPTIVE PHYSICAL EDUCATION AIDE	11, 12
630	SCIENCE EDUCATION AIDE	11, 12
740	SOCIAL STUDIES EDUCATION AIDE	11, 12
275	VISUAL ART AIDE	11, 12
379	WORLD LANGUAGE AIDE	11, 12



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 COURSES

READING LANGUAGE I

Course Numbers: 172LC (Fall), 173LC (Spring)

Grade Level: 9, 10

Credits: 1

Course curriculum will focus on reading fluency and comprehension of reading materials at students' instructional levels. Comprehension skills covered include literal comprehension, inference, main idea, plot summary, fact/opinion, author's purpose, context clues, paraphrase, and figurative language. The course uses a variety of materials such as textbooks, novels, and short stories. Instruction of written language will also be taught. Case manager, based on students' individual reading levels, determines placement. (previous course name Applied Communications I)

ENGLISH SKILLS I

Course Numbers: 9101 (Fall), 91012 (Spring)

Grade Level: 9, 10

Credits: 1

Course curriculum will focus on reading fluency and comprehension of reading materials at students' instructional levels. Comprehension skills covered include literal comprehension, inference, main idea, summarizing and paraphrasing, author's purpose, context clues and analyzing plot. Varieties of materials are used including textbooks, short stories, poems, and novels. Standardized test taking skills and written language skills will also be taught. Case manager, based on students' individual reading levels, determines placement. (previous course name Applied Communications II)

FUNDAMENTALS OF READING

Course Numbers: 9809 (Fall), 98092 (Spring)

Grade Level: 9, 10

Credits: 1

Course activities and strategies will focus on reading fluency and comprehension of reading materials at students' instructional levels. The course also focuses on inference, main idea, fact/opinion, author's purpose, context clues, setting, character, plot phases, paraphrasing and figurative language. Varieties of materials are used such as textbooks, novels, and short stories. Instruction in written language will also be taught. Case manager based on students' individual reading levels determines placement.

READING LANGUAGE II

Course Numbers: 174LC (Fall), 175LC (Spring)

Grade Level: 11, 12

Credits: 1

Course curriculum will focus on reading fluency and comprehension of reading materials at students' instructional levels. Comprehension skills covered include literal comprehension, inference, main idea, plot summary, fact/opinion, author's purpose, context clues, paraphrase, and figurative language. The course uses a variety of materials such as textbooks, novels, and short stories. Instruction of written language will also be taught. Case manager, based on students' individual reading levels, determines placement. (previous course name Applied Communications III)

ENGLISH SKILLS II

Course Numbers: 9102 (Fall), 91022 (Spring)

Grade Level: 11, 12

Credits: 1

Course curriculum will focus on reading fluency and comprehension of reading materials at students' instructional levels. Comprehension skills covered include literal comprehension, inference, main idea, summarizing and paraphrasing, author's purpose, context clues and analyzing plot. Varieties of materials are used including textbooks, short stories, poems, and novels. Standardized test taking skills and written language skills will also be taught. Case manager, based on students' individual reading levels, determines placement. (previous course name Applied Communications IV)

READING STRATEGIES

Course Number: 172NC (Fall), 1722NC (Spring)

Grade Level: 11, 12

Credits: 1

Course activities and strategies will focus on reading fluency and comprehension of reading materials at students' instructional levels. The course also focuses on inference, main idea, fact/opinion, author's purpose, context clues, setting, character, plot phases, paraphrasing and figurative language. Varieties of materials are used such as textbooks, novels, and short stories. Instruction in written language will also be taught. Case manager based on students' individual reading levels determines placement.

READING SKILLS

Course Number: 909 (Fall), 9091 (Spring)

Grade Level: 11, 12

Credits: 1

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.

ENGLISH 9 CONCEPTS I AND II**Course Number: 170SC (Fall), 171SC (Spring)****Grade Level: 9****Credits: 1****Yearlong Course**

Through this course, students will practice and build upon their English skills, particularly their reading and writing skills. They will work to demonstrate an understanding of the writing process as well as close reading skills. Like other grade level classes, students will read and comprehend a variety of literature types. Students will also practice grammar and language skills. As growth is demonstrated, students will move on to next level coursework.

ENGLISH 10 CONCEPTS I AND II**Course Number: 170 (Fall), 171 (Spring)****Grade Level: 10****Credits: 1****Yearlong Course****ENGLISH 11 CONCEPTS I AND II****Course Number: 17011 (Fall), 17111 (Spring)****Grade Level: 11****Credits: 1****Yearlong Course****ENGLISH 12 CONCEPTS****Course Number: 17012 (Fall), 17112 (Spring)****Grade Level: 12****Credits: 1****Yearlong Course****MATHEMATICS COURSES****PRE-ALGEBRA****Course Number: 470PA (Fall), 471PA (Spring)****Grade Level: 9****Credits: 1**

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 II**Course Numbers: 9475(Fall), 94752 (Spring)****Grade Level: 9, 10, 11, 12****Credits: 1**

This course is a preparatory course for Pre-Algebra. It covers 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**Course Numbers: 9476 (Fall), 94762 (Spring)****Grade Level: 9, 10, 11, 12****Credits: 1**

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**Course Numbers: 9478(Fall), 94782 (Spring)****Grade Level: 9, 10, 11, 12****Credits: 1**

This algebra concepts 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.

TECH MATH V**Course Numbers: 9479(Fall), 94792 (Spring)****Grade Level: 9, 10, 11, 12****Credits: 1**

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

ADVANCED ALGEBRA CONCEPTS I AND II**Course Numbers: 474 (Fall), 475 (Spring)****Grade Level: 11, 12****Credits: 2****Yearlong Course**

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

Course Number: 9480

Grade Level: 12

Credits: 1

Yearlong Course

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.

OTHER COURSES

ONLINE CLASSROOM COURSES

Course Number: 100PE (English), 500PH (Health, 400PM (Math), 600PS (Science), 700PS (Social Studies)

Grade Level: 9, 10, 11, 12

Credits: 1

Online curriculum used for credit recovery and/or an alternative to a traditional classroom experience. These courses will need to be approved by an IEP or Student Support Team member.

AGRI-SCIENCE I

Course Number: 901SC (Fall)

Grade Level: 9, 10

Credits: 1

In this course, 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 II

Course Number: 902SC (Spring)

Grade Level: 9, 10

Credits: 1

In this course, 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 Agri-Science I, 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.

DEVELOPMENTAL ADAPTED PHYSICAL EDUCATION (DAPE)

Course Number: 9532 (Fall), 95322 (Spring)

Grade Level: 9, 10, 11, 12

Credits: 1

DAPE is 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.

PRACTICAL ASSESSMENT EXPLORATION SYSTEM (PAES LAB)

Course Number: 98074 (Fall), 980742 (Spring)

Grade Level: 9, 10

Credits: 1

Yearlong Course

PAES is 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.

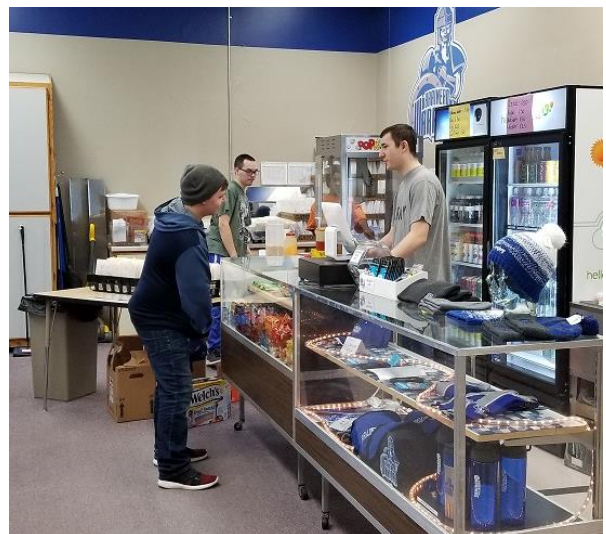
GROUP SKILLS

Course Number: 9802 (Fall), 98022 (Spring)

Grade Level: 9, 10, 11, 12

Credits: 1

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.



POWER HOUR

Course Number: 9804 (Fall), 98042 (Spring)

Grade Level: 9, 10, 11, 12

Credits: 1

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. Grade based on daily points given for using course time productively. Course earns a CR/NC grade. Power Hour courses will focus on instruction in

behavior or study skills. Students will be assigned to a Special Education teacher, which may not be their case manager.

SERVICE LEARNING

Course Number: 9810 (Fall), 98102 (Spring)

Grade Level: 11, 12

Credits: 1

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.

SOCIAL SKILLS

Course Number: 9812 (Fall), 98122 (Spring)

Grade Level: 9, 10, 11, 12

Credits: 1

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.



VOCATIONAL SKILLS I AND II

Course Number: 9803VS (Fall), 9803V2 (Spring)

Grade Level: 10, 11, 12

Credits: 1

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.

WORK-BASED LEARNING

Course Number: 9805 (Fall), 98052 (Spring)

Grade Level: 11, 12

Credits: 1

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

Course Number: 9807 (Fall), 98072 (Spring)

Grade Level: 10, 11, 12

Credits: 1

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

Course 9803TA

Grade Level: 9, 10, 11, 12

Credits: 1

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

Course 9800 (Fall), 98002 (Spring)

Grade Level: 9, 10, 11, 12

Credits: 1

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

Course 9161 (Fall), 91612(Spring)

Grade Level: 9, 10, 11, 12

Credits: 1

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.



DEVELOPMENTAL ADAPTED PHYSICAL EDUCATION (DAPE)

Course 9532 (Fall), 95322 (Spring)

Grade Level: 9, 10, 11, 12

Credits: 1

Physical education course for students with mental or physical disabilities.

INDEPENDENT LIVING SKILLS

Course Number: 9811 (Fall), 98112 (Spring)

Grade Level: 9, 10, 11, 12

Credits: 1

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...

OCCUPATIONAL SKILLS

Course 9808ML (Fall), 9808NS (Spring)

Grade Level: 9, 10, 11, 12

Credits: 1

Vocational skill development for students with developmental and cognitive delays. Instruction will focus on work related tasks, such as sorting materials, gathering or delivering items throughout the building, managing recycling, doing laundry for the Warrior athletic programs. Successful participation in the PAES Lab is a prerequisite for this course.

PRACTICAL ASSESSMENT EXPLORATION SYSTEM (PAES) LAB

Course 98074 (Fall), 980742 (Spring)

Grade Level: 9, 10, 11, 12

Credits: 1

PAES is an assessment of vocational potential and employability skills. Identifies a student's strengths and barriers to success. PAES is a simulated work environment within the classroom where students work on simulations of actual tasks expected in the workplace.

TECH MATH I

Course Numbers: 9474 (Fall), 94742 (Spring)

Grade Level: 9, 10, 11, 12

Credits: 1

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

Course 9803 (Fall), 98032 (Spring)

Grade Level: 9, 10, 11, 12

Credits: 1

Students will 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.



COLLEGE AND CAREER READINESS

Research indicates that students graduating today **will require additional education** beyond high school, which will be available in many forms including trade schools, certification programs, apprenticeships, two- and four-year colleges and universities, on-the-job training, the military, or some combination of the above. The term “college” does not necessarily mean a four-year university for all. Transferable skills in math and sciences will be at a premium as well as the soft skills needed to work successfully with others regardless of the field.

ADVANCED STANDING CERTIFICATE (ASC)

Advanced Standing Certificates (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 an Advanced Standing Certificate, which can be applied in a specific program of study at Central Lakes College (CLC).

Note: While students may take an ASC course in grade 10, they are only eligible for a certificate if they take the course in grade 11 or 12.

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

AGRICULTURAL SCIENCE

ASC Greenhouse Production
ASC Research In Agriculture

APPLIED TECHNOLOGY

ASC Outdoor Power Equipment
ASC Welding II
Advanced Welding and Fabrication

BUSINESS EDUCATION

CIS Intro to Business Management
Accounting I

ENGINEERING EDUCATION

CIS Intro to Engineering Design I and II
CIS Principles of Engineering I and II

PHYSICAL and HEALTH EDUCATION

CIS Medical Terminology
ASC Nursing Assistant/Home Health Aide

VISUAL ARTS

ASC Digital Photography
ASC Television Productions II



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. BHS 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.

For additional information, visit www.collegeboard.com

ENGLISH

AP English Language and Composition
AP English Literature and Composition
AP Research I and II
AP Seminar Language and Composition I and II

MATHEMATICS

AP Calculus I and II
AP Statistics I and II

MUSIC

AP Music Theory I and II

SCIENCE

AP Biology I and II
AP Chemistry I and II
AP/CIS Physics I and II

SOCIAL STUDIES

AP American Government
AP Art History I and II
AP Human Geography I and II
AP European History I and II
AP Psychology
AP US History I and II
AP World History I and II

WORLD LANGUAGE

AP Spanish



College credit courses are identified throughout the catalog with the college symbol.

COLLEGE IN THE SCHOOLS (CIS)

Students can earn both high school and college credit through CIS courses offered at Brainerd High School.

CENTRAL LAKES COLLEGE (CLC)

Qualifications for enrolling in a CIS course:

- Students must be high school juniors or seniors
- Students must have a 2.5 GPA as seniors or a 3.0 GPA as juniors
- High school sophomores 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 (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

UNIVERSITY OF MINNESOTA

Qualifications for enrolling in a CIS course:

- Available to grade 9-12 students
- 2.5 GPA suggested but not required
- Courses will **not** affect college GPA

Note: Maximum of 6 U of M credits may be earned, however additional credits can be earned through our articulation agreement with St. Cloud State University.

BUSINESS EDUCATION

CIS Intro to Business Management
CIS Accounting I

ENGINEERING EDUCATION

CIS Intro to Engineering I and II
CIS Principles of Engineering I and II
Biological Engineering
Chemical Engineering
CIS Civil Engineering and Architecture I and II
CIS Computer Science I and II

ENGLISH

CIS Intro to Communication/Speech

MATHEMATICS

CIS College Algebra
CIS Intro to College Algebra
CIS Computer Science I and II
CIS Pre-Calculus II

PHYSICAL and HEALTH EDUCATION

CIS Medical Terminology
CIS Human Biology II

SCIENCE

Biological Engineering
Chemical Engineering
CIS Environmental Science
CIS Human Biology II
AP/CIS Physics II

WORLD LANGUAGE

CIS Spanish III



POST-SECONDARY ENROLLMENT OPTION (PSEO)

A student may take a PSEO class while enrolled at BHS if the following requirements are met:

- Eligibility for PSEO is based on an overall GPA - 3.0 for juniors and 2.5 for seniors
- Students and parents are invited to attend an information session prior to BHS registration

Note: Students planning to participate in the PSEO program must submit enrollment forms to the Student Success Center by May 30 for participation during the next year.

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 are met.

For additional information, visit www.ncaaclearinghouse.net

Students can earn both high school and college credit through CIS courses. If a student is planning to take a CIS course that is through Central Lakes College, the student must apply to Central Lakes College before the semester begins.



College credit courses are identified throughout the catalog with the college symbol.

BRIDGES CAREER ACADEMIES PROGRAMS OF STUDY

Bridges Career Academy courses are opportunities for students to explore different career pathways in depth. By completing an academy, students will earn recognition at graduation and develop skills to help them with their future career plans. Students may take any of the courses, even if they do not intend to complete a career academy. **Students must successfully fulfill the requirements for a career pathway anytime during grades 9-12:**

- Complete a sequence of classes in the desired academy
 - Earn grades of 80% or higher in those specific courses
 - Complete the National Career Readiness Certification (NCRC) exam available in the Student Success Center
- For additional information, visit www.bridgesconnection.org

AGRICULTURAL SCIENCE

Emerging Agriculture Career Academy:

Choose One:

- Intro to Agriculture
- Exploring Agriculture

Choose Two:

- Equine Science
- Small Animal Science
- Animal Science I
- Animal Science II
- Horticultural Science
- ASC Research in Agriculture
- ASC Greenhouse Production
- Natural Resources Science

Advanced Agriculture Career Academy:

Choose Three:

- Equine Science
- Small Animal Science
- Animal Science I
- Animal Science II
- Horticultural Science
- ASC Research in Agriculture
- ASC Greenhouse Production
- Natural Resources Science

APPLIED TECHNOLOGY

Computer Aided Drafting Career Academy required courses:

- Intro to Engineering Design I and II
- CAD I
- CAD II

Building Trades Career Academy required courses:

- Building Trades – Fall
- Building Trades – Spring
- CAD I
- CAD II

Welding Career Academy required courses:

- Welding I
- ASC Welding II

Woodworking Career Academy required courses:

- Woodworking I
- Woodworking II
- Advanced Woodworking

BUSINESS EDUCATION

Business Career Academy:

Choose Three:

- Intro to Business/Personal Finance
- CIS Accounting I
- Computer Applications
- Sports/Entertainment Marketing
- CIS Intro to Business Management
- Entrepreneurship

ENGINEERING EDUCATION

Project Lead the Way Engineering Career Academy required courses:

- CIS Intro to Engineering Design I and II
- CIS Principles of Engineering I and II

Choose One:

- Biological Engineering
- Chemical Engineering
- CIS Civil Engineer/Architecture I and II
- CIS Computer Science I and II

FAMILY and CONSUMER SCIENCE

Culinary Career Academy:

Choose Two:

- Foods 9
- Foods
- Creative Foods

Hospitality Career Academy required courses:

- Creative Foods
- Culinary Arts I
- Culinary Arts II

Choose One:

- Intro to Business/Personal Finance
- CIS Accounting I

PHYSICAL and HEALTH EDUCATION

Health Careers Academy:

Choose Two:

- CIS Human Biology II
- CIS Medical Terminology Independent Study
- ASC Nursing Assistant/Home Health Aide

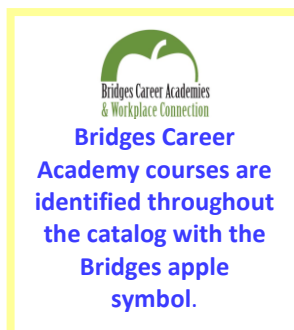
VISUAL ARTS EDUCATION

Television Productions Career Academy required courses:

- Television Production I
- ASC Television Production II

Choose One:

- Journalism
- Sports/Entertainment Marketing
- Television Production III Independent Study



GET INVOLVED

ACTIVITIES, ATHLETICS, CLUBS AND ORGANIZATIONS

Listed below are the 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 North Campus, 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 AND ORGANIZATIONS:

ASL Club
Anime Club
Art Club
Bowling
Class Cabinet
Competitive Speech
Debate
MN EnABL
Fall Play
Fifth Street Journal
Fishing Team
FFA
Interact Club
Key Club
Knowledge Bowl
LGBTQA+Safe Space
Mock Trial
Mountain Bike Racing
National Honor Society
One Act Play
Robotics
Sailing Team
Spanish Club
Spring Musical
Student Council
Trap and Skeet Shooting
Youth in Government
Yearbook Club

Descriptions Follow

ASL CLUB (AMERICAN SIGN LANGUAGE)

Grade Level: 9, 10, 11, 12

The club meets the 1st and 3rd Wednesdays of the month at 7:45 a.m. at South Campus Room #606. 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.

ANIME CLUB

Grade Level: 7, 8, 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 the North Campus Media Center. 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!

BOWLING

Grade Level: 9, 10, 11, 12

Most competitions take place locally in Brainerd. For more information, contact the Warrior Activities Office.



CLASS CABINET - FRESHMAN

Grade Level: 9

Provides an opportunity to raise money for numerous charitable organizations including but not limited to Warrior Warehouse. Students organize any freshman social function, dance, etc. Students make their homecoming banner, make their own float, and participate in Homecoming Parade. These students develop activities to encourage school pride and participation. Freshman cabinet sells donuts every first and third Thursday before school. We meet every Thursday before school. All freshmen are welcome to any meeting.

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. Meetings are Thursday mornings at BHS in Room A260 at 7:50 a.m. All sophomores are welcome at any meeting.

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 design a class banner and a float for Homecoming Week. 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, talent show, senior t-shirts, senior poll, Winter Wonder Week, Senior Banquet and fundraisers. Students meet once a week and it does not cost a thing 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.

DEBATE

Grade Level: 9, 10, 11, 12

Debate develops proficiency in many areas vital to student development such as; critical thinking, social maturity, scholarship, writing proficiency and excellent listening skills. Debate helps students with their general course work by honing their abilities in note taking, research, organization and presenting. Many law programs recommend competitive debate to prepare for law school. Debate serves as a great activity that opens doors to some of the most prestigious universities in America.

MN ENABL (EDUCATION NOW AND BABIES LATER)

Grade Level: 10, 11

Students will try to reach young teens using the Postponing Sexual Involvement (PSI) curriculum and to involve the entire community in supporting the EnABL message. Students begin in the fall looking for teens and adults who would be interested in being trained as a positive role model to teach PSI to younger teens. Contact the Student Success Center if you are interested in joining.

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.

FIFTH STREET JOURNAL

Grade Level: 11, 12

See Journalism course description in the English Education section.

FISHING TEAM

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

The Brainerd FFA meets at South Campus in Room 705 once per month. FFA 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.**



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.

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

An interdisciplinary academic competition where teams of students answer questions that are typical of secondary school programs. Competitions include written and oral rounds. Questions test students' recall, problem solving, and critical thinking skills. Students meet every Wednesday at 3:30 p.m. during the season, which begins in November. There is an activity fee.

LGBTQA+ SAFE SPACE

Grade Level: 9, 10, 11, 12

LGBTQA+ Safe Space 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, once a week during WIN time.

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 through 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.

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 producing 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.



ROBOTICS

Grade Level: 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 if you want to. There is not experience required. The team practices on Gull Lake at the Gull Lake Sailing School. Practices

are Tuesday, Wednesday, and Thursday from 3:30-6:30pm. If you are interested in joining or are looking for more information, contact Head Coach Josh Sullivan at GullLakeSailingTeam@gmail.com.

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. There is one organizational meeting during the first week of each month at North Campus in Room A124 at 7:45 am, to choose an activity for that month.



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.

YOUTH IN GOVERNMENT (YIG)

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

A statewide youth civic education and leadership development initiative that involves students in hands-on learning experiences in MN government. YIG encourages students to be lifelong, active citizens. YIG meets twice a month to prepare for Model Assembly (MA) and Model United Nations (MUN). MA is an annual gathering at the State Capitol that replicates the functions of the state government. MUN is a simulation in which students represent United Nations member states and meet to find solutions to common problems.

Advisor: Amy Aho 218-454-6481 (Garfield Elementary)

YEARBOOK CLUB

Grade Level: 9, 10, 11, 12

Students design and publish the high school yearbook. The yearbook includes sports and activities grades 9-12. Students with a background or interest in desktop publishing, computer based design, photography, or journalistic writing is 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 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.



GLOSSARY and APPENDIX

TERMS AND ACRONYMS



Bridges Academy courses are identified throughout the catalog with the Bridges apple symbol.



College credit courses are identified throughout the catalog with the college symbol.

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. Most colleges will accept a student's ACT scores as part of the admissions evaluation.



AP or Advanced Placement: College Board Designs 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 Credits: 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 certificate. Upon enrollment in an applicable program at CLC the student will be able to use that certificate to 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 includes one of the most widely used multiple-aptitude test batteries in the world and an interest inventory complemented by a thorough occupational

database all designed to give students an in-depth look at the world of work.

BHS: The abbreviation for Brainerd High School.

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 College University System (MnSCU).

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.

College Fair: An event that features informational booths with college programs, scholarship and grant information, financial aid, and details on admission requirements.

Community College: 2-year state colleges that enable students to start on a 4-year degree or to pursue a 2-year degree. Community colleges also offer career programs leading directly to a job.

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 need-based federal aid.

GPA or Grade Point Average: The average of a student's grades 9-12, 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: An online record request service that Brainerd 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: Personalized 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 and make a plan 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



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. *For instance, the course Drawing I is a prerequisite for Drawing II.*

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.

SC: The abbreviation for the South Campus of Brainerd High School.

SSC: The abbreviation for the Student Success Center.

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.)

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 a week.



ACADEMIC PLANNING PAGE

~ SAMPLE ~ TYPICAL FOUR YEAR EDUCATIONAL PLAN ~ SAMPLE ~

SUBJECT	Gr. 9	Gr. 9	Gr. 10	Gr. 10	Gr. 11	Gr. 11	Gr. 12	Gr. 12	Total
	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	Required
ENGLISH	English 9	English 9	English 10	English 10	English 11	English 11	English 12	Req'd Elective	8 credits
MATH	Inter Algebra I	Inter Algebra II	Geometry I	Geometry II	Adv Algebra I	Adv Algebra II			6 credits
SCIENCE	Physical Science I	Physical Science II	Biology I	Biology II	Plus 2 credits 11, 12				6 credits
SOCIAL	World Geography		World History I	World History II	American History I	American History II	Economics	American Gov't	7 credits
PE/HEALTH	Health, Wellness and Fitness		Plus 1 credit 10, 11, 12						2 credits
ARTS	2 credits 9, 10, 11, 12								2 credits
									31 credits
ELECTIVES									
ELECTIVES									
	7 courses required	7 courses required	7 courses required	7 courses required	*7 courses required	*7 courses required	*7 courses required	*7 courses required	
								Electives	13 credits
								Total Credits	44 credits

*This includes Open Hours

FOUR YEAR PLANNING FORM

SUBJECT	Gr. 9	Gr. 9	Gr. 10	Gr. 10	Gr. 11	Gr. 11	Gr. 12	Gr. 12	Total
	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	Required
ENGLISH									8 credits
MATH									6 credits
SCIENCE									6 credits
SOCIAL									7 credits
PE/HEALTH									2 credits
ARTS									2 credits
								Required	31 credits
ELECTIVES									
ELECTIVES									
	7 courses required	7 courses required	7 courses required	7 courses required	*7 courses required	*7 courses required	*7 courses required	*7 courses required	
								Electives	13 credits
								Total Credits	44 credits

*This includes Open Hours

FRESHMAN REGISTRATION FORM

Name of Teacher you are registering with _____ **PRINT LOGIN CLEARLY:** _____

PRINT PASSWORD CLEARLY: _____

Freshmen are required to register for 14 courses. Students must have 14 boxes checked.

	FALL SEMESTER	SPRING SEMESTER
English - 2 credits Check 1 box per semester	<input type="checkbox"/> 100SC English 9 I OR <input type="checkbox"/> 1109SC Pre-AP English 9 I OR <input type="checkbox"/> _____ placement by counselor/case mgr.	<input type="checkbox"/> 101SC English 9 II OR <input type="checkbox"/> 1119SC Pre-AP English 9 II OR <input type="checkbox"/> _____ placement by counselor/case mgr.
Math - 2 credits Check 1 box per semester	<input type="checkbox"/> 400SC Intermediate Algebra I OR <input type="checkbox"/> 402SC Geometry I Prerequisite: Gr 8 Int Alg I and II OR <input type="checkbox"/> _____ placement by counselor/case mgr.	<input type="checkbox"/> 401SC Intermediate Algebra II OR <input type="checkbox"/> 403SC Geometry II Prerequisite: Gr 8 Int Alg I and II OR <input type="checkbox"/> _____ placement by counselor/case mgr.
Science - 2 credits Check 1 box per semester	<input type="checkbox"/> 600SC Physical Science I OR <input type="checkbox"/> 602SC Biology I – Concurrent enrollment in Geometry required <input type="checkbox"/> _____ placement by counselor/case mgr.	<input type="checkbox"/> 601SC Physical Science II OR <input type="checkbox"/> 603SC Biology II - Concurrent enrollment in Geometry required <input type="checkbox"/> _____ placement by counselor/case mgr.
Social Studies - 1 credit	<input type="checkbox"/> 704SC World Geography (1 semester) OR <input type="checkbox"/> _____ placement by counselor/case mgr. <input type="checkbox"/> 7221SC AP Human Geography I (yearlong)	<input type="checkbox"/> 7222SC AP Human Geography II (yearlong)
Health, Wellness, and Fitness- 1 credit	<input type="checkbox"/> 502 Health, Wellness and Fitness OR If you are taking AP Human Geography and 3 year-long electives, delay HWF until grade 10 by selecting this option:	<input type="checkbox"/> 502DE Delay HWF until 10 th grade
Electives 6 - credits Check 3 boxes per semester Note: Students are required to take the following any time during grades 9-12: <ul style="list-style-type: none"> ● 2 credits of Art ● 1 credit of a Phy Ed or Health elective in addition to HWF 	<input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ Note: Students are encouraged to take a Study Center each semester if needed	<input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____
Alternate choices are extremely important! If your first choice classes and/or electives are not available, office staff will use your alternate choices to complete your schedule. Please list 4 alternate courses in order of preference below:		
1. _____	3. _____	
2. _____	4. _____	

Parent Signature _____ Parent email and phone # _____

SOPHOMORE REGISTRATION FORM

Math Teacher: _____ Hour: _____

PRINT NAME CLEARLY: _____

GPA: _____ (GPA will be found at the bottom of your transcript.)

Sophomores are required to register for 14 courses. Students must have 14 boxes checked.

	FALL SEMESTER	SPRING SEMESTER
English - 2 credits Check 1 box per semester	<input type="checkbox"/> 10210 English 10 I OR <input type="checkbox"/> 112 Pre-AP English I OR <input type="checkbox"/> _____ placement by counselor/case mgr	<input type="checkbox"/> 10310 English 10 II OR <input type="checkbox"/> 113 Pre-AP English II OR <input type="checkbox"/> _____ placement by counselor/case mgr
Math - 2 credits Check 1 box per semester	<input type="checkbox"/> 402 Geometry I (Prereq: Int Alg I and II) OR <input type="checkbox"/> 40410 Adv. Algebra I (Prereq: Geo I and II) <input type="checkbox"/> 404 Advanced Algebra I <input type="checkbox"/> _____ placement by counselor/case mgr	<input type="checkbox"/> 403 Geometry II (Prereq: Int Alg I and II) OR <input type="checkbox"/> 40510 Adv. Algebra II (Prereq: Geo I and II) <input type="checkbox"/> 405 Advanced Algebra II <input type="checkbox"/> _____ placement by counselor/case mgr
Science - 2 credits Check 1 box per semester	<input type="checkbox"/> 602 Biology I OR <input type="checkbox"/> 611 Chemistry I (Prereq: Bio I and II) OR <input type="checkbox"/> _____ placement by counselor/case mgr	<input type="checkbox"/> 603 Biology II OR <input type="checkbox"/> 612 Chemistry II (Prereq: Bio I and II) OR <input type="checkbox"/> _____ placement by counselor/case mgr
Social Studies – 2 credits Check 1 box per semester	<input type="checkbox"/> 7011 World History I OR <input type="checkbox"/> 734 AP World History I OR <input type="checkbox"/> 731 AP European History I	<input type="checkbox"/> 7012 World History II OR <input type="checkbox"/> 735 AP World History II OR <input type="checkbox"/> 732 AP European History II
Electives - 6 credits Check 3 boxes per semester Note: Students are required to take the following any time during grades 9-12: <ul style="list-style-type: none"> ● 2 credits of Art ● 1 credit of Health, Wellness and Fitness ● 1 credit of a Phy Ed or Health elective 	<input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ Note: If you are taking 2 year-long electives and have not yet completed HWF, you may choose that option here in the electives to fulfill your PE credits Note: Students are encouraged to take a Study Center each semester if needed	<input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____

Alternate choices are extremely important! If your first choice classes and/or electives are not available, office staff will use your alternate choices to complete your schedule. Please list 4 alternate courses in order of preference below:

1. _____

3. _____

2. _____

4. _____

JUNIORS REGISTRATION FORM

Math Teacher: _____ Hour: _____

PRINT NAME CLEARLY: _____

GPA: _____ (GPA will be found at the bottom of your transcript.)

Juniors are required to register for 14 courses. Students must have 14 boxes checked.

	FALL SEMESTER	SPRING SEMESTER
English - 2 credits Check 1 box per semester	<input type="checkbox"/> 10411 English 11 I OR <input type="checkbox"/> 116 AP English Lang and Comp I OR <input type="checkbox"/> _____ placement by counselor/case mgr	<input type="checkbox"/> 10511 English 11 II OR <input type="checkbox"/> 117 AP English Lang and Comp II OR <input type="checkbox"/> _____ placement by counselor/case mgr
Math - 2 credits Check 1 box per semester	<input type="checkbox"/> 404 Advanced Algebra I OR <input type="checkbox"/> 40410 Adv. Algebra I (Prereq: Geo I and II) <input type="checkbox"/> _____	<input type="checkbox"/> 405 Advanced Algebra II OR <input type="checkbox"/> 40510 Adv. Algebra II (Prereq: Geo I and II) <input type="checkbox"/> _____
Science - 2 credits Check 1 box per semester	<input type="checkbox"/> _____ Note: Two science elective credits must be completed any time in grades 11-12	<input type="checkbox"/> _____
Social Studies - 2 credits	<input type="checkbox"/> 702 American History I OR <input type="checkbox"/> 720 AP US History I	<input type="checkbox"/> 703 American History II OR <input type="checkbox"/> 721 AP US History II
Electives - 6 credits Check 3 boxes per semester, Juniors may choose one Open Hour each semester if on track to graduate Note: Students are required to take the following any time during grades 9-12: <ul style="list-style-type: none"> ● 2 credits of Art ● 1 credit of Health, Wellness and Fitness ● 1 credit of a Phy Ed or Health elective 	<input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____	<input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____
Alternate choices are extremely important! If your first choice classes and/or electives are not available, office staff will use your alternate choices to complete your schedule. Please list 4 alternate courses in order of preference below:		
1. _____		
2. _____		
3. _____		
4. _____		

SENIORS REGISTRATION FORM

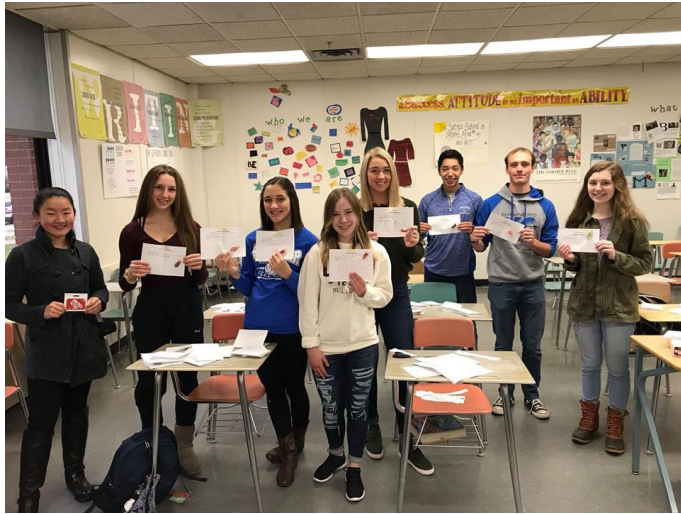
Math Teacher: _____ Hour: _____

PRINT NAME CLEARLY: _____

GPA: _____ (GPA will be found at the bottom of your transcript.)

Seniors are required to register for 14 courses. Students must have 14 boxes checked.

	FALL SEMESTER	SPRING SEMESTER
English - 2 credits Check 1 box per semester	<input type="checkbox"/> 10612 English 12 OR <input type="checkbox"/> 114 AP English Lit and Comp I OR <input type="checkbox"/> _____ placement by counselor/case mgr	<input type="checkbox"/> _____ OR English Elective <input type="checkbox"/> 115 AP English Lit and Comp II OR <input type="checkbox"/> _____ placement by counselor/case mgr
Math - 2 credits Check 1 box per semester	<input type="checkbox"/> _____ Note: All students are encouraged to take math during the senior year	<input type="checkbox"/> _____
Science - 2 credits Check 1 box per semester	<input type="checkbox"/> _____ Note: Two science elective credits must be completed any time in grades 11-12. Students are encouraged to take science during their senior year	<input type="checkbox"/> _____
Social Studies - 2 credits Check 1 box per semester	<input type="checkbox"/> 706 American Government OR <input type="checkbox"/> _____ Any AP social studies course	<input type="checkbox"/> 707 Economics OR <input type="checkbox"/> _____ Any AP social studies course
Electives Seniors may choose up to two Open Hours each semester if on track to graduate Note: Students are required to take the following any time during grades 9-12: <ul style="list-style-type: none"> ● 2 credits of Art ● 1 credit of Health, Wellness and Fitness ● 1 credit of a Phy Ed or Health elective 	<input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____	<input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____
Alternate choices are extremely important! If your first choice classes and/or electives are not available, office staff will use your alternate choices to complete your schedule. Please list 4 alternate courses in order of preference below:		
1. _____		
2. _____		
3. _____		
4. _____		





WARRIORS



Brainerd High School

Brainerd Public Schools

702 S 5th St, Brainerd, 56401 218.454.6200 218.454.6325 Fax



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