

Beaver Dam High School



2023-2024
Academic & Career Planning
Course Guide



www.bdusd.org

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No person may be denied admission to any public school in the district or be denied participation in, be denied the benefits of, or be discriminated against in any curricular, co-curricular, student services, recreational or other program or activity because of the person's sex, race, color, national origin, ancestry, creed, religion, pregnancy, marital or parental status, sexual orientation, handicap or physical, mental, emotional or learning disability in the educational programs or activities operated by the Beaver Dam Unified School District. The district has a complaint procedure to address any concerns.

WELCOME

Dear Students and Parents,

This guide provides information to help guide your decision process for the next school year. Course selection is an important step as it can impact a student's grade point average, eligibility to enroll in higher level courses, college admissions qualifications, athletic eligibility, and career preparedness.

We have school counselors available to answer your questions. Please see the table below to reference your counselor.

2023-2024 Student Counselor Assignments

Students have been assigned to counselors alphabetically according to their last name. If you have questions or concerns regarding scheduling, courses, grades, postsecondary planning or personal issues, please contact the Student Services Office at 920-885-7313. We will be happy to assist you!

COUNSELOR	9th (2026)	10th (2025)	11th (2024)	12th (2024)
Holly DeZarn Ext. 2115 dezarnh@bdusd.org	A - E	A - G	A - G	A - G
Rebecca Droessler Ext. 2116 droesslermerschr@bdusd.org	F - K	H - P	H - P	H - P
Jackee Hill Ext. 2117 hillj@bdusd.org	L - R			
Nate Wilke Ext. 2118 wilken@bdusd.org	S - Z	Q - Z	Q - Z	Q - Z

Thank you for your active participation in the registration process as we look forward to a great new school year!

Sincerely,
Beaver Dam High School

Beaver Dam Unified School District

Board of Education

- Isaac Dornfeld
- Marge Jorgensen (Clerk)
- John Kraus, Jr. (Vice-President)
- Mary Kuntz
- Maria Mason
- Lisa Panzer
- Chad Prieve (President)
- Gary Spielman
- Joanne Tyjeski (Treasurer)

District Administration

Educational Services Center

- Mr. Mark DiStefano - Superintendent
- Ms. Anne-Marie Malkovich - Director of Business Service
- Ms. Nicole White - Director of Human Resources
- Ms. Tiffany Sponholz - Director of Student Services
- Mr. Rob Meyer - Director of Teaching & Learning

Beaver Dam High School Administration

- Mr. Russ Tronsen - Principal
Phone: (920) 885-7313 ext. 2112
Email: tronsenr@bdusd.org
- Mr. John Casper - Associate Principal
Phone: (920) 885-7313 ext. 2102
Email: casperj@bdusd.org
- Mr. Ryan Gerber - Associate Principal (Activities/Athletics)
Phone: (920) 885-7313 ext. 2176
Email: gerberr@bdusd.org
- Mr. Robert Essig - Associate Principal
Phone: (920) 885-7313 ext. 2110
Email: essigr@bdusd.org

Graduation Requirements

In order to be awarded a high school diploma, a student must earn 24 credits for graduation and meet all requirements set forth in District Board of Education Policy 5460.

Total required credits for graduation:

English Language Arts	4
Social Studies	3
Math	3
Science	3
Physical Education	1.5
Personal Finance	.5
Health	.5
Total Required Credits	15.5
Total Elective Credits	8.5
TOTAL CREDITS	24

ADDITIONAL REQUIREMENTS:

*All students are required to complete an Academic & Career Plan (ACP) for graduation.

**Successful completion of Wisconsin Civics Exam.

Student Course Load

State Statutes mandate a full day of school for all students grades 9-12. Typically, a full day of school for Beaver Dam High School is defined as a minimum of 7 credits.

9th Grade		10th Grade	
Required:		Required:	
• English 9A/9B	1 Credit	• English 10A/10B	1 Credit
• Biology	1 Credit	• Chemistry or Physics	1 Credit
• Math	1 Credit	• Math	1 Credit
• Global Studies	1 Credit	• US History	1 Credit
• Physical Education	.5 Credit	• Physical Education	.5 Credit
• Health	.5 Credit		
Total Required	5 Credits	Total Required	4.5 Credits
Total Electives	2 - 3 Credits	Total Electives	2.5 - 3.5 Credits
Total Credits	7 - 8 Credits	Total Credits	7 - 8 Credits
11th Grade		12th Grade	
Required:		Required:	
• English 11A/11B	1 Credit	• English	1 Credit
• Science	1 Credit	• Economics	.5 Credit
• Math	1 Credit	• Government	.5 Credit
• Personal Finance	.5 Credit		
• Physical Education	.5 Credit		
Required	4 Credits	Required	2 Credits
Electives	3 - 4 Credits	Electives	4 - 5 Credits
Total Credits	7 - 8 Credits	Total Credits	6 - 8 Credits

Students interested in applying to a four-year college are highly encouraged to take their fourth year of math and science. Seniors are required to attend school for the full day unless they are enrolled in a work-study program, have qualified for senior release (apply late junior year or early summer before senior year), are enrolled in a College Credit program (aka Start College Now or Early College Credit), or are early graduates.

Grading Policy

Courses such as School Service are not included in the determination of grade point average. Only the achievement grade of A, B, C, D, F, FW are included when figuring a student's grade point average. Each of these letter grades carries a numerical value (see chart).

For each course under consideration, the appropriate point value is multiplied by the credit value available for that course. The results are added and the sum is divided by the total credit available from all courses being considered. The Grade Point Average (GPA) has been generated. At the end of each semester, the GPA for each grade level is ranked from highest to lowest. The Valedictorian and Salutatorian rank number one and two in four-year cumulative grade point averages respectively. Students transferring to Beaver Dam High School will have grades converted to a 4.0 numerical value upon enrollment. (See Student and Family Handbook for more information.)

Grade mark	%	GPA points
A+	97-100	4.0
A	93-96	4.0
A-	90-92	3.67
B+	87-89	3.33
B	83-86	3.0
B-	80-82	2.67
C+	77-79	2.33
C	73-76	2.0
C-	70-72	1.67
D+	67-69	1.33
D	63-66	1.0
D-	60-62	0.67
F	0-59	0.00

Audit

To “audit” a class means to take the class for no credit. This practice is generally discouraged, as it is not a preferred practice by post-secondary institutions. If a student audits a course, a grade of “U” will be recorded at the end of the term. A student **MUST** obtain both teacher and administrative approval in order to audit a class. If you are interested in auditing a class, see your counselor for details and for appropriate paperwork that must be completed prior to the 10th day of the course.

Credit/No Credit Courses

Certain courses are offered on a Credit/No Credit basis. Grades for these courses will be entered on the student’s report card and permanent record as either “S”, meaning the student earned the credit for which the course was offered, or “N”, meaning that the student did not earn any credit. “S” or “N” grades are **not** computed in the student’s grade point average or class rank. **Credit/No Credit courses include:** School Service, Youth Apprenticeship, Community Service, Work Experience and some methods of Credit Recovery.

Course Retake Policy

Any student who receives a C or lower for a school district course has the opportunity to retake the same course. For courses offered on an annual basis the student must make the request within one year from the completion of taking the class the first time. Course Retake Request Forms can be picked up in the Student Services Office and require counselor and administrative approval prior to retaking the course. A student may only retake one course per semester.

Early Graduation

Students wishing to graduate early have two options, end of junior year or mid-senior year. A request for junior year graduation must be completed before the end of the sophomore year. Typically, for mid-senior year graduation, the request must be made before the second semester of the junior year. Students interested in either option must see their counselor to request the form.

Early College Credit Program (ECCP) and Start College Now (SCN)

The Early College Credit & Start College Now programs (previously known as Youth Options) allows all public high school juniors and seniors who meet certain requirements to take post-secondary courses at a UW institution, a Wisconsin technical college or one of the state’s participating private, nonprofit institutions of higher education. Students may enroll to attend courses that begin in the fall or spring semester.

The purpose of these programs is to provide greater learning opportunities for students who are considering a technical career, students wishing to begin college early, or students who want to prepare to enter the workforce immediately after high school graduation.

The student does not have to pay for a post-secondary course if the school board determines that it will award high school credit and it is not comparable to a course offered in the district. If approved by the school board, the student will receive both high school and post-secondary credit for a successfully completed course. Please note that any expenses incurred by a student receiving a failing grade or dropping the approved college course(s) after enrollment, will be added to the student’s high school fees.

The student must notify the School Board and seek approval (complete form P1-8700A) to indicate the intention of enrolling in a college no later than MARCH 1 for a course to be taken in the fall term or OCTOBER 1 for a course to be taken in the spring term. Forms and additional information are available in the Student Services Office (be advised that any grade below a “C” at the college level can affect future financial aid opportunities).

Online Learning

Beaver Dam High School provides supplemental courses and services to high school students. By doing so, our students are given the opportunity to take courses outside of the traditional setting. Several courses offered are additional courses that are not currently offered on-site.

If your student is interested in exploring an online opportunity, please have them contact their counselor directly (course opportunities are not in the course description booklet). Please note that online courses are subject to review on an individual basis and may require an additional fee.

School Service

All students interested in school service will sign up for it in Xello when making course selections. After requests are submitted, the following approvals apply:

Teacher's Assistant: Student Service Office staff will get approval from the teacher and administration.

Elementary School: Students will fill out an application that includes a parent signature for permission to leave the building and walk/drive to their elementary classroom assignment.

Tech Center: Student Service Office staff will get approval from the IT Department and administration.

Food Service: Student Service Office staff will get approval from the Taher and administration.

All Other: Counselor approval from the teacher and administration.

Once approved, it will be determined if and what student services class will be entered into the student's schedule per student expectations (listed below).

Student Expectations Are As Follows:

1. Acknowledge that participation in any of the school service opportunities is a privilege and not a right.
2. Demonstrate acceptable behavior characteristics in line with the Board of Education policies and BDHS Rules and regulations.
3. Incur no unexcused absences.
4. No progress reports which indicate a failing grade in any class.
5. Understand that school administration may revoke this privilege for educational or disciplinary reasons at any time.
6. Students should not be utilizing cell phones during their time as school service workers.

Physical Education Credit Waiver

Students may complete an additional one-half credit in English, Social Studies, Mathematics, Science, or Health in lieu of one-half credit of Physical Education when they participate in a District Sponsored WIAA-Sanctioned sport or another school approved and/or sponsored athletic/physical activity. A **required** course or credit may **not** count for the one-half credit substitution course; the one-half credit substitution course must be in addition to the minimum graduation credit requirement for the English, Social Studies, Mathematics, Science, or Health subject areas. Freshman Physical Education and Life Fitness are required courses to which the one-half credit substitution cannot be applied. Participation in the sport itself does not constitute a course and does not qualify for any high school graduation credit. The form can be picked up from your school counselor.

Schedule Changes

BDHS Add/Drop Policy:

Schedule changes will only be considered for the following reasons:

- A placement discrepancy exists based on a student's readiness and/or skill.
- Academic & Career Plans have changed since scheduled courses were requested.
- A technical error with the student's schedule.
- A master schedule change affecting course offerings.
- A recommendation was made based on a current medical condition and/or situation.

Schedule changes within the first 5 days of the semester:

- Drop & add a class with no penalty.
- Students initiate the request to their counselor; no form required.

Schedule change request forms must be completed after 5 days:

Drop requests after 5 days are a collaboration between parent/student, teacher, counselor & administration. Administration makes the final decision.

- Students initiate the request to their counselor and obtain required form.
- **Grading guidelines for dropped classes after 5 days:**
 - **W** = *Withdrawal, does not factor into GPA*
 - **FW** = *Failure Withdrawal, factors into GPA like an F*
- Drop before mid-term progress grading period (4.5 weeks) for a study hall = **W**
 - Students can drop a class up until mid-term if the end result leaves the student with no more than two study halls.
 - Academic misplacement should be determined by the teacher with evidence of interventions. *For example: enrichment interventions, before/after school help, help during study hall, strategies tried, etc.*
- Drop after mid-term progress grading period (4.5 - 9 weeks) = **W**, if passing; **FW**, if failing
 - End result leaves the student with no more than two study halls.
 - Extenuating circumstances only, as determined by administration (career-related, medical, teacher-initiated)
- Drop after 9 weeks of semester (end of term) = **FW**
 - Extenuating circumstances will be reviewed by administration.

**All 9th - 11th grade students must request 7 credits and must keep a minimum of 6 credits.

** No student may have more than two study halls per term.

Agricultural and Technology & Engineering Courses for Science Credit

Beaver Dam Board of Education has approved the following Agricultural & Technology Education courses to count as the third unit of science to meet graduation requirements:

- Large Animal Science Veterinary Health
- Natural Resources Management
- Principles of Biotechnology
- PLTW Principles of Engineering

The University of Wisconsin system reviewed several Agricultural courses that the DPI (Department of Public Instruction) has recognized as high school science equivalents. All of the UW system schools have agreed to accept these Agricultural courses as part of the three high school units of science required for admission to UW institutions. The following chart outlines how each UW system school will count the Agricultural science for admission.

Institution	How do Ag Science courses count for UW admission?
UW Colleges	B
UW - Eau Claire	A
UW - Green Bay	B
UW - La Crosse	B
UW - Madison	B
UW - Milwaukee	B
UW - Oshkosh	B
UW - Parkside	B
UW - Platteville	B
UW - River Falls	B
UW - Stevens Point	A
UW - Stout	B
UW - Superior	B
UW - Whitewater	A

* A = completion of one or more approved Ag science courses will count for no more than 1 credit of science

* B = completion of one or more approved Ag science courses will count only as the 3rd unit of science as long as the student has taken some combination of Biology/Chemistry/Physics for the other two units.

Post High School Plans

I. Four-Year College Prep

Four-year colleges look for students to take a balanced set of rigorous courses available to them in high school, an ACT score of 18+, and student rank in the top half of the class. Many colleges, including UW-Madison, UW-La Crosse, UW-Eau Claire, Marquette University, and selective colleges require higher standards. All recommend taking more courses than the minimum academic units.

All UW System institutions require a minimum of 17 high school credits. The minimum admission requirements for a UW System school and most other four-year institutions are as follows: English-4 credits, Mathematics-3 credits, Social Science-3 credits, Natural Science-3 credits, and Electives-4 credits.

Elective credits are chosen from the above core college preparatory areas, world language, fine arts, computer science, and other academic areas. A minimum of two credits in a single world language is required for admission to UW-Eau Claire, UW-Madison, and some Minnesota Universities and Colleges. Check with each individual college for their requirements.

Check the information on specific colleges for requirements that may exceed the minimum courses. The requirements for entering the UW System are contained in the brochure, Introduction to the UW System. The requirements for admission to independent (private) colleges are contained in the booklet, Wisconsin's Independent Colleges and Universities. These publications and other out-of-state college guides are available in the Beaver Dam High School Student Services Office.

II. Technical College Prep

Many jobs will require additional training beyond a high school diploma. The employer will provide some training, but many jobs will require an associate degree from a technical college. Planning for an advanced degree at a technical college should start at the high school level just as a student would prepare for a four-year degree. As technology changes, the need for a highly trained workforce becomes increasingly important. Math, science, computer, and communication skills have become more important in most occupations. Plus, related technical preparation helps set these individuals apart and makes them highly desirable future employees. Beaver Dam High School has a strong academic and career and technical education program. Students who are interested in attending a technical college should start planning early to develop a schedule that includes the necessary academic as well as career and technical classes that will help the student make a successful transition.

Beaver Dam High School offers classes specifically designed for those students interested in an associate degree. These classes stress practical application. Some courses are called "Dual Credit" and can apply directly to an associate degree at a technical college.

III. Career Work-based Program

Work-based courses prepare students for careers of their choice. The school provides education in the skills and knowledge needed for an occupation, and the business community provides the laboratory in which the students can practice these skills. These programs serve juniors and seniors who have identified a career objective in an occupational field and/or further schooling after high school and who have employability skills. The students receive credit for their on-the-job experience and related high school class.

Youth Apprenticeship - This is a one-year or two-year program that includes an intensive work-based component for 11th and 12th graders. The student will work toward skill proficiency in a specific field. The student will be awarded a state skills certificate, high school elective credit, and possible further employment after successful completion of the experience.

IV. Job Prep

A. *Work After High School*

Many young adults will go into the workforce, military service, or start their own business. In most cases, a high school diploma is just a minimum requirement for entering the job market. While high school gives the opportunity to develop skills to enter the job market and continue with the learning process, job prep career and technical education/training provides specific skills for a job, or a technical degree.

B. *Students and High School Technical Education Courses*




They have acquired job and workplace readiness skills that make them a valuable future employee. CTE classes are an asset for any student as they prepare for the future.

Advanced Placement Program

The Advanced Placement (AP) program is a cooperative educational endeavor between high schools and specific postsecondary institutions. It allows students to enroll in college level courses while in high school and gives them the opportunity to show mastery by taking an AP exam. Students wishing to enroll in an AP course must complete all necessary courses leading up to it and attend a mandatory AP informational meeting. AP exams are given during the month of May. **Students taking AP courses are expected to take the AP examination.** Approximate cost: \$96. Note: The cost of the exam should never deter a student from taking an AP course. Please contact the student's school counselor if you have any concerns.) According to their performance on the examination, students may receive college credit for each examination they take. It is important to note that the colleges and universities award the credits. Policies vary from school-to-school or department-to-department within those schools. Please consult the high school Student Services Office for credit information on specific schools. Information is also available for out-of-state institutions. Students with scores of 3, 4, or 5 will be reimbursed the original test fee paid. If a student does not show up for a scheduled test, the student's account will be charged the unused test fee and it must be paid prior to graduation. Students will login to the AP website to receive their grade report in July.

Advanced Placement courses offered at Beaver Dam High School are listed on the following chart. If you have further questions concerning the program or the exam, please contact a counselor or the individual AP teachers.

Advanced Placement

BDHS Course Title	BDHS Department	BDHS Length	Credits	Helpful Websites
Studio Art	Art	Year	2.00	  <p>General Information about AP: https://apstudents.collegeboard.org/</p> <p>College Board Credit Policy: https://apstudents.collegeboard.org/getting-credit-placement/search-policies</p>  <p>UW Help - AP Acceptance: https://uwhelp.wisconsin.edu/prep-for-college/credits/</p>
Language & Composition	English	Year	1.00	
Literature & Composition	English	Year	1.00	
Calculus AB	Math	Year	1.00	
Calculus BC	Math	Year	1.00	
Statistics	Math	Year	1.00	
Music Theory	Music	Year	1.00	
Biology	Science	Year	1.50	
Chemistry	Science	Year	2.00	
Physics C: Electricity & Magnetism	Science	Year	1.00	
Physics C: Mechanics	Science	Year	1.00	
U.S. History	Social Studies	Year	1.00	
Psychology	Social Studies	Year	1.00	
U.S. Government & Politics	Social Studies	Year	1.00	
Economics (Micro & Macro)	Social Studies	Year	1.00	
Spanish	World Languages	Year	1.00	
German	World Languages	Year	1.00	

College Credit Opportunities

Benefits of Taking College-Level Courses in High School



Taking college-level courses in high school can introduce you to new academic areas and the excitement of exploring interesting subjects in depth. It can also help you:

- Learn time-management skills, study skills, and discipline you'll need in college.
- Free up enough time in college for you to take part in programs like study abroad or to double major.
- Graduate from college on time or early, which will save you money.


Your future college will determine the amount of credit they will award for taking these courses in high school. Your next step is to determine which courses are right for you! See your counselor if you have any questions!

The following courses are available to be taken at BDHS to receive UW Credit.

Cooperative Academic Partnership Program (CAPP)

CAPP Course Offering						
BDHS Course Title	BDHS Department	BDHS Length	College	Credits	Course	Course Title
Elements of Studio Art 101	Art & Design	Year		3	101	Elements of Studio Art 101
CAPPtive Voices	English	1 Semester		3	227	Modern World Literature






College Credit in High School (CCIHS)

CCIHS Course Offering						
BDHS Course Title	BDHS Department	BDHS Length	College	Credits	Course	Course Title
Spanish IV	World Languages	Year		3	Spanish 202	Intermediate Spanish Language II

Dual Credit Program

The Wisconsin Technical College System allows students to receive technical college credit for approved courses they take while still in high school. Juniors and seniors may elect to be involved in courses where credit is granted at Moraine Park Technical College after successful completion of the course. The student must receive a grade of a “C” or higher to qualify. A grade lower than a C may jeopardize receiving future financial aid awards. The curriculum for the courses is based on the same material being covered at the high school as is covered at the technical college. Look for the Moraine Park logo inserted in the course description. Note: Taking the course as dual credit is an option. The course can also be taken solely for high school credit.

Dual Credit Courses - Transcribed Credit (TC)						
BDHS Course Title	BDHS Department	BDHS Length	College	Credits	Course	Course Title
Accounting	Business/Information Technology & Marketing	Year		4	101-112	Accounting 1
Applied Graphic Communications	Technology & Engineering Education	Year		2	204-102	Fundamentals of Design
Assistant Childcare Teacher (ACCT)	Family & Consumer Science	Semester		3	307-148	ECE: Foundations –Early Childhood
Business & Personal Law	Business/Information Technology & Marketing	Semester		3	105-160	Business Law
College Math	Mathematics	Year		3	804-107	College Mathematics
Computer Literacy	Business/Information Technology & Marketing	Semester		2	890-101	College 101
	Business/Information Technology & Marketing	Semester		1	103-159	Computer Literacy – Microsoft Office
Culinary Arts	Family & Consumer Science	Semester		1	316-148	Sanitation & Safety
Graphic Design + Design & Printing Processes	Technology & Engineering Education	Semester		2	204-102	Vector Illustration 1
Graphic Design + Design & Printing Processes	Technology & Engineering Education	Semester		2	103-170	Beginning Photoshop
Infant & Toddler Development	Family & Consumer Science	Semester		3	307-151	ECE: Infant-Toddler Development
Entrepreneurship	Business/Information Technology & Marketing	Semester		3	145-183	Entrepreneurship Ventures/Innovation
Marketing 1	Business/Information Technology & Marketing	Year		3	104-102	Marketing Principles
Marketing 2 Intro to Business	Business/Information Technology & Marketing	Semester		3	102-110	Intro to Business
Marketing 2 Business Management	Business/Information Technology & Marketing	Semester		3	102-120	Principles of Management
Medical Terminology	Science	Semester		3	501-101	Medical Terminology

Microsoft Excel & Access	Business/Information Technology & Marketing	Semester		2	103-181	Microsoft Access
Microsoft Excel & Access	Business/Information Technology & Marketing	Semester		2	103-180	Microsoft Excel
Microsoft Word & PowerPoint	Business/Information Technology & Marketing	Semester		2	103-160	Microsoft Word
Microsoft Word & PowerPoint	Business/Information Technology & Marketing	Semester		2	103-182	Microsoft PowerPoint
Principles of Sustainability	Science	Year		3	806-112	Principles of Sustainability

Academic and Career Plan

In the competitive world of today and tomorrow, students need to be sure they take advantage of every educational opportunity available. The BDHS Academic and Career Plan (ACP) is one tool that can help set our students apart from others. Students are required to complete activities such as a Learning Styles Inventory and the Career Matchmaker. These activities are meant to help them achieve their full potential not only in high school, but also their career and life.

The BDHS ACP is a visual representation of each student's abilities, skills, capabilities, knowledge, qualities - and it represents each student's potential. It provides "evidence" of each student's potential by demonstrating what they have accomplished in the past. Whether it is the concrete skills they learned in hands-on courses in Career and Technical classes or skills they may have developed that are now work-related while they were playing team sports, while pursuing hobbies or volunteer activities, or simply pursuing their interests. It can all be included!

The new online format of the BDHS ACP provides students with a convenient place to keep a record of their personal development while in high school, can assist students in making good decisions about their future, and planning for effective strategies for achieving the goals they have set academically and in their future career.

Some benefits of the BDHS ACP include:

- Enables students to be more effective in communicating their interests, skills, motivation, and personal qualities to potential employers and colleges.
- Offers students the opportunity to develop and commit to a specific action plan.
- Assists students with exploring career options and choosing a major.
- Identifies and evaluates students competencies and self-knowledge both in and out of the classroom.

The ACP has certain requirements for graduation, but can be personalized based on each student. Students' ACP will be evaluated each year by their advisor to determine if the required documents are present. Students can also view their plan completion status online through Xello. Students are encouraged to personalize their ACP before the final review in May of their Junior year.



The BDHS ACP requirements for each grade level are available in the Student Services office and online at <https://www.bdusd.org/schools/high/students/ACP.cfm>. Students also receive a copy at the beginning of the school year.



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Freshman Year

	Portfolio Requirement	Completed in:	Timeline	Type of Entry	✓
1.	<i>Matchmaker</i>	Homeroom	Sem 1	Quiz	
2.	Complete <i>Learning Styles</i> quiz	Homeroom	Sem 1	Quiz	
3.	Complete <i>Exploring Career Factors</i> Lesson - Before completing this lesson, save 3 careers you are most interested in	Homeroom	Sem 1	Lesson	
4.	Complete <i>Getting Experience</i> Lesson - Before completing this lesson, add 3 experiences you have done to your timeline	Homeroom	Sem 1	Lesson	

Additional 9th grade Activities:

- Update profile picture and cover photo
- Save resources to your *Storyboard*

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Sophomore Year

	Portfolio Requirement	Completed in:	Timeline	Type of Entry	✓
1.	<i>Matchmaker</i>	Homeroom	Sem 1	Quiz	
2.	Complete <i>Personality Styles</i> lesson - Before completing this lesson, you need to complete the following: * <i>Matchmaker</i> * <i>Personality Style Quiz</i> * <i>Save 3 careers</i>	English 10	In class	Lesson	
3.	Career Speech Reflection - NOT ASSIGNED in 2020-21 - Upload your reflection in the lesson	English 10	In class	Activity Upload	
4.	Complete <i>Workplace Skills & Attitudes</i> Lesson	Homeroom	Sem 1	Lesson	

Additional 10th grade activities:

- Complete the *Mission Complete* questions and *Learning Styles* quiz (if not completed)
- Add work/volunteer experiences to your *Experiences Timeline*
- Save resources to your *Storyboard*



Junior Year

	Portfolio Requirement	Course completed in	Timeline	Type of Entry	✓
1.	<i>Matchmaker</i>	Homeroom	Sem 1	Quiz	
2.	Personal or College Applicant Statement - <i>Upload your statement in the lesson</i>	English 11A/AP	In class	Upload to Lesson	
3.	Complete <i>Job Interviews</i> Lesson	Homeroom	Sem 1	Lesson	
4.	Complete <i>Careers and Lifestyle Costs</i> Lesson - <i>Before completing this lesson, you need to Save 3 Careers</i>	Homeroom	Sem 1	Lesson	
5.	Resume - <i>Upload your resume in the lesson</i>	Personal Finance	In class	Upload to Lesson	

Additional 11th grade activities:

- Complete your “About Me” info including *Career Matchmaker*, *Personality Style* and *Mission complete and Learning Style* (if not already completed from sophomore year).
- Add your part-time job and/or volunteer experiences to your *Experiences Timeline*
- Save important resources to your *Storyboard*. Examples include relevant accomplishments from each grade level, awards you’ve received, websites or videos pertinent to your education/future.
- Create one or more *Plans*. Example: choose a Career, Major and College (*you must have colleges, careers and majors saved in Xello in order to create a plan*)



Senior Year

	Extension Opportunities (optional)	Where to find this?
1.	Matchmaker - retake if you are unsure of what you’d like to do after high school	Xello Dashboard - About Me
2.	College Planning - Send your Transcript to a college (click here for directions) - Search for Scholarships, including local scholarships! - Learn about more about essays, FAFSA and the Common App	Xello Dashboard - Goals & Plans
3.	Explore Options - learn about companies and their opportunities	Explore Options (top black bar)
4.	Goals & Plans - create plans including career, school, major	Goals & Plans - My Plan




Career Clusters & Pathways









Career Clusters prepare learners of all ages for the information age as schools, colleges, and employers are striving for higher achievement in science, math, and communication. One key to improving learner achievement is providing learners with relevant contexts for studying and learning. Career Clusters offer a context by linking school-based learning with the knowledge and skills required for success. There are 16 broad clusters of occupations and 79 pathways that ensure opportunities for all students regardless of their career goals and interests.





Career Clusters identify the knowledge and skills learners need as they follow a pathway toward their career goals. The knowledge and skills identified form a strong basis for learner success in high school, college, technical training, apprenticeship programs and the workplace.

16 Pathways to College & Career Readiness

 <p>Agriculture, Food & Natural Resources</p>	<p>The production, processing, marketing, distribution, financing, and development of agricultural commodities and resources including food, fiber, wood products, natural resources, horticulture, and other plant and animal products/services.</p> <ul style="list-style-type: none"> • Agribusiness Systems • Animal Systems • Environmental Service Systems • Food Products and Processing Systems • Natural Resources Systems • Plant Systems • Power, Structural and Technical Systems
 <p>Architecture & Construction</p>	<p>Careers in designing, planning, managing, building and maintaining the built environment.</p> <ul style="list-style-type: none"> • Construction • Design/Pre-Construction • Maintenance/Operations
 <p>Arts, A/V Technology & Communications</p>	<p>Designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services.</p> <ul style="list-style-type: none"> • Audio and Video Technology and Film • Journalism and Broadcasting • Performing Arts • Printing Technology • Telecommunications • Visual Arts
 <p>Business Management & Administration</p>	<p>Careers in planning, organizing, directing and evaluating business functions essential to efficient and productive business operations.</p> <ul style="list-style-type: none"> • Administrative Support • Business Information Management • General Management • Human Resources Management • Operations Management
 <p>Education & Training</p>	<p>Planning, managing and providing education and training services, and related learning support services such as administration, teaching/training, administrative support, and professional support services.</p> <ul style="list-style-type: none"> • Administration and Administrative Support • Professional Support Services • Teaching/Training
 <p>Finance</p>	<p>Planning and related services for financial and investment planning, banking, insurance, and business financial management.</p> <ul style="list-style-type: none"> • Accounting • Banking Services • Business Finance • Insurance • Securities and Investments

 <p>CareerClusters[®] PATHWAYS TO COLLEGE & CAREER READINESS</p> <p>Government & Public Administration</p>	<p>Planning and executing government functions at the local, state and federal levels, including governance, national security, foreign service, planning, revenue and taxation, and regulations.</p> <ul style="list-style-type: none"> ● Foreign Service ● Governance ● National Security ● Planning ● Public Management and Administration ● Regulation ● Revenue and Taxation
 <p>CareerClusters[®] PATHWAYS TO COLLEGE & CAREER READINESS</p> <p>Health Science</p>	<p>Planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.</p> <ul style="list-style-type: none"> ● Biotechnology Research and Development ● Diagnostic Services ● Health Informatics ● Support Services ● Therapeutic Services
 <p>CareerClusters[®] PATHWAYS TO COLLEGE & CAREER READINESS</p> <p>Hospitality & Tourism</p>	<p>Preparing individuals for employment in career pathways that relate to families and human needs such as restaurant and food/beverage services, lodging, travel and tourism, recreation, amusement and attractions.</p> <ul style="list-style-type: none"> ● Lodging ● Recreation, Amusements and Attractions ● Restaurants and Food/Beverage Services ● Travel and Tourism
 <p>CareerClusters[®] PATHWAYS TO COLLEGE & CAREER READINESS</p> <p>Human Services</p>	<p>Preparing individuals for employment in career pathways that relate to families and human needs such as counseling and mental health services, family and community services, personal care, and consumer services.</p> <ul style="list-style-type: none"> ● Consumer Services ● Counseling and Mental Health Services ● Early Childhood Development and Services ● Family and Community Services ● Personal Care Services
 <p>CareerClusters[®] PATHWAYS TO COLLEGE & CAREER READINESS</p> <p>Information Technology</p>	<p>Building linkages in IT occupations for entry level, technical, and professional careers related to the design, development, support and management of hardware, software, multimedia and systems integration services.</p> <ul style="list-style-type: none"> ● Information Support and Services ● Network Systems ● Programming and Software Development ● Web and Digital Communications
 <p>CareerClusters[®] PATHWAYS TO COLLEGE & CAREER READINESS</p> <p>Law, Public Safety, Corrections & Security</p>	<p>Planning, managing, and providing legal, public safety, protective services and homeland security, including professional and technical support services.</p> <ul style="list-style-type: none"> ● Correction Services ● Emergency and Fire Management Services ● Law Enforcement Services ● Legal Services ● Security and Protective Services
 <p>CareerClusters[®] PATHWAYS TO COLLEGE & CAREER READINESS</p> <p>Manufacturing</p>	<p>Planning, managing, and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, maintenance and manufacturing/process engineering.</p> <ul style="list-style-type: none"> ● Health, Safety and Environmental Assurance ● Logistics and Inventory Control ● Maintenance, Installation and Repair ● Manufacturing Production Process Development ● Production ● Quality Assurance
 <p>CareerClusters[®] PATHWAYS TO COLLEGE & CAREER READINESS</p> <p>Marketing</p>	<p>Planning, managing, and performing marketing activities to reach organizational objectives such as brand management, professional sales, merchandising, marketing communications and market research.</p> <ul style="list-style-type: none"> ● Marketing Communications ● Marketing Management ● Marketing Research ● Merchandising

	<ul style="list-style-type: none"> • Professional Sales
 <p>CareerClusters[®] PATHWAYS TO COLLEGE & CAREER READINESS Science, Technology, Engineering & Mathematics</p>	<p>Planning, managing, and providing scientific research and professional and technical services (e.g., physical science, social science, engineering) including laboratory and testing services, and research and development services.</p> <ul style="list-style-type: none"> • Engineering and Technology • Science and Math
 <p>CareerClusters[®] PATHWAYS TO COLLEGE & CAREER READINESS Transportation, Distribution & Logistics</p>	<p>The planning, management, and movement of people, materials, and goods by road, pipeline, air, rail and water and related professional and technical support services such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance.</p> <ul style="list-style-type: none"> • Facility and Mobile Equipment Maintenance • Health, Safety and Environmental Management • Logistics Planning and Management Services • Sales and Service • Transportation Operations • Transportation Systems/Infrastructure Planning, Management, and Regulation • Warehousing and Distribution Center Operation

Course List 2023-24

Course Number	Course Name	Grade	Credit
AGRICULTURE			
AGR101-AGR102	Agriscience & Natural Resources	9-10	1
AGR302	Greenhouse Management	10-12	.5
AGR301	Plant Science	10-12	.5
AGR201-AGR202	Large Animal Science Veterinary Health (ES)	10-12	1
AGR403-AGR404	Natural Resource Management (ES)	11-12	1
AGR303	Landscape Design & Management	11-12	.5
AGR401	Principles of Biotechnology (ES)	11-12	.5
AGR203	Small Animal Science	11-12	.5
AGR901-AGR902	Youth Apprenticeship - Animals	11-12	3
AGR903-AGR904	Youth Apprenticeship - Plants	11-12	3
AGR991-AGR992	School Service - Agriscience	10-12	.5-1
ART & DESIGN			
ART119-ART120	Drawing - Production	9-12	1
ART127-ART128	Painting - Production	9-12	1
ART219-ART220	Ceramics - Production	9-12	1
ART319-ART320	Digital Photography - Production	9-12	1
ART209	Potter's Wheel - Form (S1 Block)	10-12	1
ART210	Potter's Wheel - Function (S2 Block)	10-12	1
ART405	Visual Journaling - Creating (S1)	10-12	.5
ART406	Visual Journaling - Connecting (S2)	10-12	.5
ART305-ART306	Video Innovations & Production	10-12	1
ART401	Retro Art	10-12	.5
ART500	AP Studio Art (YR Block)	11-12	2
ART701-ART702	CAPP: Elements of Studio Art 101 (UW Oshkosh)	11-12	1
ART991-ART992	School Service - Art	11-12	.5-1
BUSINESS, INFORMATION TECHNOLOGY & MARKETING			
BUS101	Personal Finance 1	11-12	.5
BUS102	Online Personal Finance 1	11-12	.5
BUS301	Computer Literacy / College 101 (MPTC)	9-12	.5
BUS302	Microsoft Word / PowerPoint (MPTC)	9-12	.5
BUS303	Microsoft Excel / Access (MPTC)	9-12	.5
BUS304	Web Design	10-12	.5
BUS201-BUS202	Accounting (MPTC)	10-12	1
BUS211	Entrepreneurship (MPTC)	10-12	.5
BUS212	Sports / Entertainment Marketing	10-12	.5
BUS203-BUS204	Marketing 1 (MPTC)	9-12	1
BUS205	Marketing 2 - Intro to Bus (MPTC)	10-12	.5

BUSINESS, INFORMATION TECHNOLOGY & MARKETING

BUS206	Marketing 2 - Business Mgmt (MPTC)	10-12	.5
BUS213	Business & Personal Law (MPTC)	11-12	.5
BUS103	Personal Finance 2	11-12	.5
TED610-TED611	Intro to Computer Science	9-12	1
BUS901-BUS902	Youth Apprenticeship - Finance - Banking	11-12	3
BUS903-BUS904	Youth Apprenticeship - Marketing	11-12	3
BUS905-BUS906	Youth Apprenticeship - Finance - Accounting	11-12	3
TED913-TED914	Youth Apprenticeship - Information Technology - IT Essentials	11-12	3
BUS991-BUS992	School Service - Business & Marketing	10-12	.5-1
BUS993-BUS994	School Service - School Store	10-12	.5-1
BUS995-BUS996	School Service - School Store Manager	11-12	1

ENGLISH

ENG101-ENG102	English 9A/9B	9	1
ENG110-ENG111	English 10A/10B	10	1
ENG105-ENG106	English 11A/11B	11	1
ENG501-ENG502	AP Language & Composition	11-12	1
ENG503-ENG504	AP Literature & Composition	12	1
ENG506	CAPptive Voices (UW Oshkosh)	11-12	.5
ENG205	21st Century Communications	11-12	.5
ENG201	American Literature	11-12	.5
ENG206	Contemporary Literature & Composition	11-12	.5
ENG207	News and Media Reporting	11-12	.5
ENG204	Creative Writing	11-12	.5
ENG210	Oral Communications	9-12	.5
ENG211	Senior Speech	12	.5
ENG991-ENG992	School Service - English	10-12	.5-1

ENGLISH LANGUAGE LEARNERS

ELL101-ELL102	English Basic for ELL	9-12	1
ELL201-ELL202	ELL Resource	9-12	1
ELL993-ELL994	ELL Tutor	10-12	.5-1

FAMILY & CONSUMER SCIENCE

FCS101	Foods (SM Block)	10-12	1
FCS103	Culinary Arts (MPTC) (SM Block)	11-12	1
FCS200	Intro to Fashion	9-12	.5
FCS203	Fashion Construction (SM Block)	9-12	1
FCS301	All About Children	9-12	.5
FCS302	Infant & Toddler Development (MPTC)	11-12	.5
FCS303	Assistant Childcare Teacher (MPTC) (SM Block)	11-12	1
FCS402	Adulting	11-12	.5
FCS901-FCS902	Youth Apprenticeship - Hospitality & Tourism Food & Beverage Service	11-12	3

FAMILY & CONSUMER SCIENCE

FCS993-FCS994	School Service - Foods	10-12	.5-1
FCS991-FCS992	School Service - Family & Consumer Science	10-12	.5-1

HEALTH

HLT101	Health 9	9	.5
HLT202	Intro to Sports Medicine	11-12	.5
HLT901-HLT902	Youth Apprenticeship - Health Care - Nursing Assistant	11-12	3
HLT903-HLT904	Youth Apprenticeship - Health Care - Resident Assistant	11-12	3
HLT991-HLT992	School Service - Health	10-12	.5-1

MATHEMATICS

MTH101-MTH102	Algebra 1	9-10	1
MTH201-MTH202	Geometry	9-10	1
MTH203-MTH204	Honors Geometry	9-10	1
MTH301-MTH302	Algebra 2	10-12	1
MTH303-MTH304	Honors Algebra 2	9-10	1
MTH401-MTH402	Pre-Calculus	10-12	1
MTH403-MTH404	Honors Pre-Calculus	9-12	1
MTH601-MTH602	College Mathematics (MPTC)	12	1
MTH501-MTH502	AP Calculus AB	11-12	1
MTH503-MTH504	AP Calculus BC	11-12	1
MTH505-MTH506	AP Statistics	11-12	1
MTH991-MTH992	School Service - Mathematics	10-12	.5-1

MUSIC

MUS100	Band	9-12	1
MUS200	Orchestra	9-12	1
MUS300	Choir	9-12	1
MUS601-MUS602	Music Theory	10-12	1
MUS501-MUS502	AP Music Theory	11-12	1
MUS991-MUS992	School Service - Band/Orchestra	10-12	.5-1
MUS993-MUS994	School Service - Choir	10-12	.5-1

PHYSICAL EDUCATION

PHY101	Physical Education 9	9	.5
PHY103	Life Fitness 1	10	.5
PHY201	Life Fitness 2	11-12	.5
PHY202	Have a Ball with Fitness 1	11-12	.5
PHY203	Have a Ball with Fitness 2	11-12	.5
PHY204	Strength & Conditioning	10-12	.5
PHY206	Advanced Strength & Conditioning	10-12	.5
PHY205	Adventures in Fitness	11-12	.5
PHY991-PHY992	School Service - Physical Education	11-12	.5-1

PHYSICAL EDUCATION

PHY993-PHY994	School Service - Adventures	11-12	.5-1
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SCIENCE

SCI101-SCI202	Biology	9	1
SCI301-SCI302	Chemistry	10-12	1
SCI401-SCI402	Physics	10-12	1
SCI403-SCI404	Honors Physics	10-12	1
SCI201-SCI202	Principles of Sustainability (Env Science) (MPTC)	10-12	1
SCI105-SCI106	Human Anatomy & Physiology	11-12	1
AGR401	Principles of Biotechnology (ES)	11-12	.5
SCI601	Medical Terminology (MPTC)	11-12	.5
SCI501-SCI502	AP Biology	11-12	1.5
SCI503-SCI504	AP Chemistry with WE Service	11-12	2
SCI505-SCI506	AP Physics C - Mechanics	11-12	1
SCI507-SCI508	AP Physics C - Electricity and Magnetism	11-12	1
AGR201-AGR202	Large Animal Science Veterinary Health (ES)	10-12	1
AGR403-AGR404	Natural Resource Management (ES)	11-12	1
TED703-TED704	PLTW - Principles of Engineering (ES)	10-12	1
SCI991-SCI992	School Service - Science	10-12	.5-1

SOCIAL STUDIES

SOC101-SOC102	Global Studies	9	1
SOC103-SOC104	U.S. History	10	1
SOC105	U.S. Government	11-12	.5
SOC106	Economics	11-12	.5
SOC201	Ancient World History	11-12	.5
SOC202	Action & Reaction	9-12	.5
SOC203	Psychology	11-12	.5
SOC204	Society Today	9-12	.5
SOC205	Street Law	10-12	.5
SOC501-SOC502	AP U.S. History	10-12	1
SOC503-SOC504	AP U.S. Government	11-12	1
SOC505-SOC506	AP Economics	11-12	1
SOC507-SOC508	AP Psychology	11-12	1
SOC991-SOC992	School Service - Social Studies	10-12	.5-1

TECHNOLOGY & ENGINEERING

TED101-TED102	Materials & Processes for Manufacturing	9-12	1
TED301-TED302	Metals Manufacturing Processes (SM Block)	10-12	1
TED311-TED312	Applied Metals Manufacturing (YR Block)	11-12	2
TED401-TED402	Wood Manufacturing Processes	10-12	1
TED411-TED412	Applied Construction (YR Block)	11-12	2
TED504-TED505	Intro to Auto Technology & Small Engines	10-12	1

TECHNOLOGY & ENGINEERING

TED506-TED507	Automotive Systems	11-12	1
TED511-TED512	Applied Automotive Technology (YR Block)	12	2
TED201-TED202	Graphic Design (MPTC)	9-12	1
TED203-TED204	Design and Printing Processes (MPTC)	10-12	1
TED211-TED212	Applied Graphic Communications (MPTC)	11-12	2
TED213-TED214	Independent Study - Graphics	11-12	.5-1
TED110	Architectural Design Communications	9-12	.5
TED111-TED112	Design & Automation	10-12	1
TED601-TED602	Electronics & Robotics	10-12	1
TED701-TED702	PLTW Introduction to Engineering & Design	9-12	1
TED403	Basic Home Repair & Maintenance	11-12	.5
TED503	Automotive Survival	11-12	.5
TED610-TED611	Intro to Computer Science	9-12	1
TED980-TED981	School Service - Design & Engineering	11-12	.5-1
TED986-TED987	School Service - Manufacturing	11-12	.5-1
TED988-TED989	School Service - Construction & Architecture	11-12	.5-1
TED990-TED991	School Service - Auto	11-12	.5-1
TED984-TED985	School Service - Graphic & Design	11-12	.5-1
TECHNOLOGY & ENGINEERING YOUTH APPRENTICESHIP OPPORTUNITIES			
TED945-TED946	Architecture & Construction - Architecture	11-12	3
TED947-TED948	Architecture & Construction - Construction	11-12	3
TED921-TED922	Arts, AV Tech & Graphic Communications	11-12	3
TED960-TED961	Information Technology - IT Essentials	11-12	3
TED931-TED932	Manufacturing Processes	11-12	3
TED933-TED934	Manufacturing - Welding	11-12	3
TED941-TED942	Manufacturing - Woods	11-12	3
TED911-TED912	Science, Technology, Engineering & Math (STEM) Engineering/Drafting	11-12	3
TED951-TED952	Transportation - Auto Technician	11-12	3
TED953-TED954	Transportation - Inventory Management & Production	11-12	3

WORLD LANGUAGE

WLA101-WLA102	Spanish 1	8-12	1
WLA103-WLA104	Spanish 2	9-12	1
WLA105-WLA106	Spanish 3	10-12	1
WLA107-WLA108	Spanish 4 (UW Green Bay)	11-12	1
WLA201-WLA202	German 1	8-12	1
WLA203-WLA204	German 2	9-12	1
WLA205-WLA206	German 3	10-12	1
WLA207-WLA208	German 4	11-12	1
WLA109-WLA110	Heritage Spanish 1	9-12	1
WLA111-WLA112	Heritage Spanish 2	10-12	1
WLA501-WLA502	AP Spanish	12	1
WLA503-WLA504	AP German	12	1
WLA991-WLA992	School Service - Spanish	10-12	.5-1

WORLD LANGUAGE

WLA993-WLA994	School Service - German	10-12	.5-1
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SCHOOL SERVICE

OTH303-OTH304	Administration Office	10-12	.5-1
OTH305-OTH306	Athletic Office	10-12	.5-1
OTH301-OTH302	Student Services Office	10-12	.5-1
ELL993-ELL994	ELL Tutor	10-12	.5-1
OTH311-OTH312	Peer Tutor	10-12	.5-1
OTH315-OTH316	Food Service (Taher)	10-12	.5-1
OTH313-OTH314	Lincoln Elementary School	11-12	1-2
OTH334-OTH335	Jefferson Elementary School	11-12	1-2
OTH330-OTH331	Other Elementary School	11-12	1-2
OTH336-OTH337	AVID Tutor - Middle School	11-12	1-2
OTH309-OTH310	LMC (Library Media Center)	10-12	.5-1
OTH317-OTH318	Tech Center	10-12	.5-1
EEN991-EEN992	EEN (Special Education)	10-12	.5-1

OTHER

OTH405-OTH406	Community Service	9-12	.5-1
OTH401-OTH402	Work Experience	10-12	1-5

[Click here for Detailed Course Descriptions](#)

AGRISCIENCE



	Freshman	Sophomore	Junior	Senior
Agriscience & Natural Resources	E	E		
Greenhouse Management		E	E	E
Plant Science		E	E	E
Large Animal Science Veterinary Health **(ES)		E	E	E
Natural Resource Management **(ES)			E	E
Landscape Design & Management			E	E
Principles of Biotechnology **(ES)			E	E
Small Animal Science			E	E
Youth Apprenticeship - Animals			E	E
Youth Apprenticeship - Plants			E	E
School Service - Agriscience		E	E	E

E=Elective and the year student is eligible to take the course

Agriscience Requirements:

All courses are elective unless used for Equivalency Science (ES) credit.

Agriscience courses are designed to provide students with the latest skills and knowledge in the plants, animals, natural resources and life science fields. Students who develop a four-year sequence of Agriscience courses and participate in Supervised Agricultural Experiences (SAEs), FFA Laboratories and field trips, have the best opportunity for career preparation, awards, and scholarships.

**** (ES) = Equivalency Science credit**

[Click here for Detailed Course Descriptions](#)

ART & DESIGN



COURSE OFFERINGS - Recommended for all Students	Freshman	Sophomore	Junior	Senior
Drawing - Production* 4 Year Rotation: Trends, Aesthetics, Production, Exploration	E	E	E	E
Painting - Production* 4 Year Rotation: Trends, Aesthetics, Production, Exploration	E	E	E	E
Ceramics - Production* 4 Year Rotation: Trends, Aesthetics, Production, Exploration	E	E	E	E
Digital Photography - Production* 4 Year Rotation: Trends, Aesthetics, Production, Exploration	E	E	E	E
Specialty Courses	Freshman	Sophomore	Junior	Senior
Potter's Wheel S1 - Form* 2 Year Rotation: Form, Techniques		E	E	E
Potter's Wheel S2 - Function* 2 Year Rotation: Function, Trends		E	E	E
Visual Journaling S1 - Creating* 2 Year Rotation: Creating, Reflecting		E	E	E
Visual Journaling S2 - Connecting* 2 Year Rotation: Connecting, Responding		E	E	E
Retro Art		E	E	E
Video Innovations & Production		E	E	E
School Service - Art		E	E	E
College Level Courses	Freshman	Sophomore	Junior	Senior
AP Studio Art			E	E
CAPP: Elements of Studio Art 101			E	E

E=Elective and the year student is eligible to take the course

Art & Design Requirements:
All courses are elective.

*These courses are offered on a rotation with a new emphasis on different themes each year and can be taken multiple times.

[Click here for Detailed Course Descriptions](#)

BUSINESS, INFORMATION TECHNOLOGY & MARKETING



CareerClusters®
PATHWAYS TO COLLEGE & CAREER READINESS



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PATHWAYS TO COLLEGE & CAREER READINESS

Required	Freshman	Sophomore	Junior	Senior
Personal Finance 1 <u>OR</u> Online Personal Finance 1			R	R
Information Technology Courses	Freshman	Sophomore	Junior	Senior
Computer Literacy / College 101 (MPTC)	E	E	E	E
Microsoft Word / PowerPoint (MPTC)	E	E	E	E
Microsoft Excel / Access (MPTC)	E	E	E	E
Web Design		E	E	E
Intro to Computer Science	E	E	E	E
Business & Marketing Courses	Freshman	Sophomore	Junior	Senior
Accounting (MPTC)		E	E	E
Entrepreneurship (MPTC)		E	E	E
Sports / Entertainment Marketing		E	E	E
Marketing 1 (MPTC)	E	E	E	E
Marketing 2 (MPTC)		E	E	E
Business & Personal Law (MPTC)			E	E
Personal Finance 2			E	E
Youth Apprenticeship - Finance - Banking			E	E
Youth Apprenticeship - Finance - Accounting			E	E
Youth Apprenticeship - Information Technology - IT Essentials			E	E
Youth Apprenticeship - Marketing			E	E
School Service - School Store		E	E	E
School Service - School Store Manager			E	E
School Service - Business & Marketing		E	E	E

R=Required course and year to be taken; E=Elective and the year student is eligible to take the course

Business Requirements:

Half credit of Personal Finance to meet BDHS graduation requirements. All other courses are elective credit.

[Click here for Detailed Course Descriptions](#)

ENGLISH



	Freshman	Sophomore	Junior	Senior
English 9A	R			
English 9B	R			
English 10A		R		
English 10B		R		
English 11A			R	
English 11B			R	
AP Language & Composition			RO	RO
AP Literature & Composition				RO
CAPPtive Voices			E	E
21st Century Communications			E	E
American Literature			E	E
Contemporary Literature & Comp.			E	E
Creative Writing			E	E
News & Media Reporting			E	E
Oral Communications	E	E	E	E
Senior Speech				E
School Service - English		E	E	E

R=Required course and year to be taken RO= Required Option;
E=Elective and the year student is eligible to take the course

English Requirements:

4 credits to meet Beaver Dam High School graduation requirements.

Note: Students are not required to take both AP English courses. If interested in doing so, the College Board strongly recommends that AP Language & Composition be taken in the junior year and AP Literature and Composition be taken in the senior year.

[Click here for Detailed Course Descriptions](#)

DEPARTAMENTO DE APRENDEDORES DEL IDIOMA INGLÉS

ENGLISH LANGUAGE LEARNERS

	Freshman	Sophomore	Junior	Senior
English Basic for ELL	R	R	R	R
ELL Resource	E	E	E	E
ELL Tutor		E	E	E
E=Elective and the year student is eligible to take the course				

[Click here for Detailed Course Descriptions](#)

FAMILY & CONSUMER SCIENCE



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Human Services



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Education & Training



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Hospitality & Tourism

	Freshman	Sophomore	Junior	Senior
Foods		E	E	E
Culinary Arts (MPTC)		E	E	E
Youth Apprenticeship - Hospitality & Tourism - Food & Beverage Service			E	E
Intro to Fashion	E S1	E	E	E
Fashion Construction	E S2	E	E	E
All About Children	E	E	E	E
Infant & Toddler Development			E	E
Assistant Childcare Teacher (MPTC)			E	E
Adulting			E	E
School Service - Foods		E	E	E
School Service - Family & Consumer Science		E	E	E

E=Elective and the year student is eligible to take the course; EI=Instructor approval required before elective can be taken

Family & Consumer Science Requirements:
All courses are elective credit.

[Click here for Detailed Course Descriptions](#)

HEALTH



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Health Science



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Human Services

	Freshman	Sophomore	Junior	Senior
Health 9	R			
Introduction to Sports Medicine			E	E
Youth Apprenticeship - Health Care Nursing Assistant			E	E
Youth Apprenticeship - Health Care Resident Assistant			E	E
School Service - Health		E	E	E

R=Required course and year to be taken; E=Elective and the year student is eligible to take the course

Health Requirements:

.5 credit to meet Beaver Dam High School graduation requirements.

[Click here for Detailed Course Descriptions](#)

MATHEMATICS



	Freshman	Sophomore	Junior	Senior
Algebra 1	R	R		
Geometry	R	R		
Algebra 2	R	R	R	R
Pre-Calculus		E	E	E
Honors Geometry	RO	RO		
Honors Algebra 2	RO	RO	RO	RO
College Mathematics (MPTC)				E
Honors Pre-Calculus		E	E	E
AP Calculus AB		E	E	E
AP Calculus BC		E	E	E
AP Statistics			E	E
School Service - Mathematics		E	E	E

R=Required course and year to be taken; RO=Required Option
E=Elective and the year student is eligible to take the course

Mathematics Requirements:

3 credits to meet BDHS graduation requirements.

Students that successfully completed Algebra 1 and/or Geometry in 7th or 8th grade receive high school credit.

Items Needed: A TI-83 Plus, TI-84 or TI-84 Plus, a 3-ring binder, and a dry erase marker are required for all math courses.

[Click here for Detailed Course Descriptions](#)

HONORS MATHEMATICS COURSES

The Honors Mathematics Sequence is designed for students who want to be challenged in a fast-paced, advanced level mathematics series leading to AP Level course work. Students wishing to follow this sequence of courses should have a strong aptitude for math, a desire to be challenged, and an excellent work ethic. Honors courses cover additional content and learning objectives aligned with the Common Core State Standards and approved by the Board of Education. Students are expected to maintain a grade of C or higher in honors courses.

MUSIC



Instrumental Music	Freshman	Sophomore	Junior	Senior
Band	E	E	E	E
Orchestra	E	E	E	E
School Service - Band/Orchestra		E	E	E
Vocal Music	Freshman	Sophomore	Junior	Senior
Choir	E	E	E	E
School Service - Choir		E	E	E
Music Theory	Freshman	Sophomore	Junior	Senior
Music Theory		E	E	E
AP Music Theory			E	E

E=Elective and the year student is eligible to take the course

Music Requirements:
All courses are elective credit.

[Click here for Detailed Course Descriptions](#)

PHYSICAL EDUCATION

	Freshman	Sophomore	Junior	Senior
Physical Education 9	R			
Life Fitness 1		R		
Life Fitness 2			E	E
Have a Ball with Fitness 1			E	E
Have a Ball with Fitness 2			E	E
Adventures in Fitness			E	E
Strength & Conditioning		E	E	E
Advanced Strength & Conditioning		E	E	E
School Service - Adventures			E	E
School Service - Physical Education			E	E

R=Required course and year to be taken; EI=Instructor approval required before elective can be taken;
E=Elective and the year student is eligible to take the course

Physical Education Requirements:

1 ½ credits to meet Beaver Dam High School graduation requirements.

To better support the needs of our students at Beaver Dam High School, the physical education department offers a curriculum that is more individualized to each student's own personal level of interest and fitness. The goal of the physical education department is to offer students an opportunity to achieve a more physically active lifestyle.

[Click here for Detailed Course Descriptions](#)

SCIENCE



	Freshman	Sophomore	Junior	Senior
Biology	R			
Physical Science (one of the following is required) Chemistry, Physics or Honors Physics		R/E	R/E	R/E
Principles of Sustainability (Environmental Science) (MPTC)		E	E	E
Human Anatomy & Physiology			E	E
PLTW - Principles of Engineering **(ES)		E	E	E
AP Biology			E	E
AP Chemistry with WE Service			E	E
AP Physics C - Mechanics			E	E
School Service - Science		E	E	E

R= Required; E=Elective and the year student is eligible to take the course

Science Requirements:

3 credits to meet Beaver Dam High School graduation requirements. Equivalency Science courses can be used as 3rd credit only. A minimum of 3 credits for admittance to most four-year colleges. Both biology courses meet college admission standards for laboratory sciences.

Equivalency Science Courses: Large Animal Science Veterinary Health, Natural Resource Management, Principles of Biotechnology, Principles of Engineering

****(ES)** = Equivalency Science credit

[Click here for Detailed Course Descriptions](#)

In order to develop well-rounded science students, the science department recommends that students enroll in all science disciplines (Biology, Chemistry, and Physics) prior to graduation.

SOCIAL STUDIES



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**Government &
Public Administration**



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

	Freshman	Sophomore	Junior	Senior
Global Studies	R			
U.S. History		R		
AP U.S. History		RO	E	E
U.S. Government			R	R
AP U.S. Government			RO	RO
Economics			R	R
AP Economics			RO	RO
Ancient World History	E	E	E	E
Action & Reaction	E	E	E	E
Society Today		E	E	E
Street Law		E	E	E
Psychology			E	E
AP Psychology			E	E
School Service - Social Studies		E	E	E

R=Required course and year to be taken; E=Elective and the year student is eligible to take the course; RO=Required Option

Social Studies Requirements:

3 credits to meet Beaver Dam High School graduation requirements.

[Click here for Detailed Course Descriptions](#)

TECHNOLOGY & ENGINEERING



Drafting & Design Sequence	Freshman	Sophomore	Junior	Senior
Materials & Processes for Manufacturing	E	E	E	E
Design & Automation		E	E	E
School Service - Design & Engineering			E	E
Metal Technology Sequence	Freshman	Sophomore	Junior	Senior
Materials & Processes for Manufacturing	E	E	E	E
Metals Manufacturing Processes		E	E	E
Applied Metals Manufacturing			E	E
School Service - Manufacturing			E	E
Woods Technology Sequence	Freshman	Sophomore	Junior	Senior
Materials & Processes for Manufacturing	E	E	E	E
Wood Manufacturing Processes		E	E	E
Applied Construction			E	E
School Service - Construction & Architecture			E	E
Automotive & Power Technology Sequence	Freshman	Sophomore	Junior	Senior
Intro to Auto Technology & Small Engines		E	E	E
Automotive Systems			E	E
Applied Automotive Technology				E
School Service - Auto			E	E

[Click here for Detailed Course Descriptions](#)

Graphic Communications Sequence	Freshman	Sophomore	Junior	Senior
Graphic Design	E	E	E	E
Design and Printing Processes		E	E	E
Applied Graphic Communications			E	E
Independent Study - Graphic Design			E	E
School Service - Graphic & Design		E	E	E
PLTW (Project Lead The Way)	Freshman	Sophomore	Junior	Senior
Introduction to Engineering & Design	E	E	E	E
*Stand Alone Courses (No Sequence Required)	Freshman	Sophomore	Junior	Senior
Architectural Design Communications	E	E	E	E
Electronics & Robotics		E	E	E
Intro to Computer Science	E	E	E	E
Basic Home Repair & Maintenance			E	E
Automotive Survival			E	E
E=Elective and the year student is eligible to take the course.				
Technology & Engineering Requirements: All courses are elective.				

[Click here for Detailed Course Descriptions](#)

DRAFTING & DESIGN TECHNOLOGY

MECHANICAL/ARCHITECTURAL DESIGN COMMUNICATIONS

Mechanical/Architectural Design Communications are fundamental courses for all trades and professions and is a course of study that is both part of general education and highly career and technical in scope. A basic knowledge of mechanical and structural design is required in many career areas such as architecture, engineering, science, manufacturing, construction business, and product servicing. These courses are required for students that are interested in taking the advanced level courses that focus on 3D design, rendering, and animation.

YOUTH APPRENTICESHIP IN TECHNOLOGY

These are one or two-year, school-supervised, paid (at least minimum wage) work experience for junior and senior students. Students are required to take a minimum of two semesters of related instruction as well as work 450 hours throughout the school year in which they are enrolled in the Youth Apprenticeship. Students attain proficiency in standard statewide skills and earn a Wisconsin State Work-Based Learning Certificate at the completion of their program.

Youth Apprenticeships - 1 or 2 Year Programs	Freshman	Sophomore	Junior	Senior
Architecture & Construction Construction			E	E
Architecture & Construction Architectural Drafting			E	E
Arts, A/V Tech & Graphic Communications			E	E
Information Technology - IT Essentials			E	E
Manufacturing - Manufacturing Processes			E	E
Manufacturing- Welding			E	E
Science, Technology, Engineering & Math (STEM) Engineering/Drafting			E	E
Transportation - Auto Technician			E	E
Transportation - Inventory Management & Production			E	E
<p>E=Elective and the year student is eligible to take the course.</p> <p>Technology & Engineering Requirements: All courses are elective.</p>				

[Click here for Detailed Course Descriptions](#)

WORLD LANGUAGE

World Language courses provide students with opportunities to develop oral and written communication skills, to explore other cultures and ways of thinking and to acquire skills for future career options using languages. Classroom experiences allow students to read, speak, write, and understand both cultural and linguistic concepts.

In addition to basic texts, there are supplementary readers, workbooks, and audio-visual presentations (videos, CDs, movies, slides, and guest speakers). Advanced levels also read short stories, dramas, magazines, newspapers, and work with computer software for additional language enrichment. In some classes, students will create a portfolio of their work on video or computer disk.

Upon completion of 4 to 5 years of world language study, students could be expected to achieve an advanced beginner to intermediate proficiency level. College credit can be earned for a language studied in high school by taking CLEP, Advanced Placement, UW-system, or other tests, depending upon the individual college or university a student is planning to attend. Often at least one term of language study is required at college to earn these retroactive credits.

Spanish Language Options	Freshman	Sophomore	Junior	Senior
Spanish 1	E	E	E	E
Spanish 2	E	E	E	E
Spanish 3		E	E	E
Spanish 4			E	E
Heritage Spanish 1	E	E	E	E
Heritage Spanish 2		E	E	E
AP Spanish				E
School Service - Spanish		E	E	E
German Language Options	Freshman	Sophomore	Junior	Senior
German 1	E	E	E	E
German 2	E	E	E	E
German 3		E	E	E
German 4			E	E
AP German				E
School Service - German		E	E	E

A minimum of two credits in a single world language is required for admission to UW-Madison and some Minnesota Universities and Colleges. Check with each individual college for their requirements.

World Language Requirements:

All courses are elective credit.

[Click here for Detailed Course Descriptions](#)

SCHOOL SERVICE - OTHER

Office	Freshman	Sophomore	Junior	Senior
Administration		E	E	E
Athletic		E	E	E
Student Services		E	E	E
Other				
ELL Tutor		E	E	E
Peer Tutor		E	E	E
Food Service (Taher)		E	E	E
Elementary School			E	E
AVID Tutor - Middle School			E	E
LMC (Library Media Center)		E	E	E
Tech Center		E	E	E
EEN (Special Education)		E	E	E
E=Elective and the year student is eligible to take the course				

[Click here for Detailed Course Descriptions](#)