

## VIRTUAL CLASS OFFERING 2021-2022

The following courses will be offered as fully online opportunities for the 2021--2022 school year. Instruction will vary depending on the course but may be delivered through live lessons and self-paced online modules that require students to read, watch, respond to, and engage with various lessons, activities, and assignments. Students will be expected to work independently at a suggested unit pace, participate in collaborative online peer and group discussions, and attend virtual instructor-led online live lessons and conferencing sessions. Some in person assessments and lab work may also be required. Progress checks will be in place so that students and teachers can determine if the online experience is successful or if the student should be switched to an in-person, possibly alternative course at semester. To request an online course, students must have a minimum 2.0 grade point average or counselor/teacher recommendation and approval.

### Questions to ask to determine whether you will be successful with online learning

1. Are you involved and active as a learner within your current courses?
2. Are you highly motivated and disciplined with assignments and deadlines?
3. Do you often check Schoology for course calendar updates and assignments?
4. Do you often check your email?
5. In the past, have you posted required comments and responses to a discussion board?
6. Do you manage your time well?
7. Are you able to follow deadlines or a pace chart that you check several times a week?
8. Are you comfortable reaching out to your teachers to ask for help?
9. Are you effective with problem-solving technology?
10. Do you hope to gain skills in the areas mentioned in this list?

### LANGUAGE ARTS

Grades: 9,10,11,12

Year: 1 credit

**1051D/1052D EngLangArts4 Online (English 12 Capstone)** In this year-long, fully virtual, project-based and personalized learning course, students will read, watch, and respond to material focused on skills in productive habits, personal philosophy, and reading and research skills and then independently research a topic, compile findings, and implement a plan to demonstrate learning in a personalized way. Practice in research, evaluation, and synthesis of ideas will produce proficient, self-directed critical thinkers and communicators who conceptualize, explore, and implement original ideas within their personal lives and beyond the scope of the school.

**1041D/1042D EngLangArts3 Online (English 11)** This year-long fully virtual course asks students to examine American Literature and mentor texts from various disciplines to develop rhetorically aware writers within any context. Units of study take a historical perspective of the rich literary evolution of our nation's voices shaped by America's fierce independence, its search for identity, its wars, and its social and cultural movements. Instruction is personalized and includes assignments such as writing a resume and college application essay and preparing for the English, writing, and reading sections of the ACT.

**1065E/1066E EngLangArts2 Online (English 10)** This year-long fully virtual course asks students to analyze literature to further develop skills in close reading, public speaking, and academic and creative

writing. The course emphasizes the distinctions between using language, style, and rhetoric for written versus spoken communication. Students will conduct inquiry-based research on real-world issues to synthesize ideas and develop their writing styles.

**1027J/1028K EngLangArts1 Online(English 9)** This year-long fully virtual course asks students to examine a variety of informational and fictional works to develop an appreciation of an author's choices and style and understand the inner workings of grammar, usage, and mechanics. The course is an introduction to academic research as students learn to collect textual evidence to support their ideas and enhance their understanding of a topic.

**1357/1358 ONLINE WORLD LANGUAGE- SPANISH**

Grades: 9,10,11,12

Year: 1 credit

This online course will serve all levels of Spanish at the high school. Students will explore essential cultural topics while receiving individualized grammar and vocabulary instruction based on their previous Spanish levels. Students will be asked to meet virtually as a class, participate in discussions, and complete independent work. The Wisconsin State Standards for World Language will serve as the basis of this course: Interpretive Communication, Interpersonal Communication, Presentational Communication, Intercultural Communication, and Global Competence and Community Engagement.

**3061A/3062A ALGEBRA 1 ONLINE**

Prerequisite: None

Grades: 9, 10, 11, 12

Year/ 1 credit

Algebra is the language of mathematics. Through the use of variables and functions, mathematical models can be built which are essential to personal, scientific, economic, social, medical, artistic, and civic fields of inquiry. In Algebra 1 the student will discover, describe, and generalize simple and complex patterns and relationships. Algebra 1 provides the fundamental mathematical background for more advanced courses in mathematics. The course consists of three main topics: (1) Solving equations and inequalities, (2) the arithmetic of polynomials, and (3) graphing. Any calculator may be used with teacher consent.

**3081A/3082A GEOMETRY ONLINE**

Prerequisite: Completed Algebra 1

Grades: 9, 10, 11, 12

Year/ 1 credit

Geometry is a study of figures and deductive thinking with an introduction to basic trigonometry. Geometry and Trigonometry meets the prerequisite for Algebra 2.

**3101B/3102B ALGEBRA 2 ONLINE**

Prerequisite: Algebra 1 and Geo/Trig

Grades: 9, 10, 11, 12

Year/ 1 credit

Algebra 2 is a companion course to Algebra 1 and has similar aims. After a review of basic material from earlier work in Algebra, students study polynomial functions, graphing transformations, complex numbers, logarithms and exponents, and trigonometry.

**3103B/3103C ALGEBRA2 for PRECALCULUS ONLINE**

Prerequisite: Algebra 1 and Geo/Trig

Grades: 9, 10, 11, 12

Year/ 1 credit

Algebra 2 is a companion course to Algebra 1 and has similar aims. After a review of basic material from earlier work in Algebra students study polynomial functions, graphing transformations, complex numbers, logarithms and exponents and trigonometry. This course is intended for students who will proceed to take Precalculus after Algebra 2. It will be a more depth study of the Algebra 2 concepts in preparation for Precalculus.

**3121B/3122B PRECALCULUS ONLINE**

Prerequisite: Algebra 2

Grades: 10, 11, 12

Year/ 1 credit

Precalculus is designed to prepare students to take a college level calculus course. Topics include probability, polynomial equations, graphing, exponents, logarithms, trigonometry, conics, sequences, and series.

**4011A/4012A PHYSICAL SCIENCE ONLINE**

Prerequisite: Concurrent enrollment in Alg 1 recommended

Grades: 9

Year/ 1 credit

This is a year-long lab course that provides a solid foundation for those students taking courses in biology, chemistry and physics. Topics covered are measurement, properties of matter, energy and force, motion, natural resources, and related areas. This is a required class for those with post secondary school plans (college, technical school, etc.).

**4051A/4052A BIOLOGY ONLINE**

Prerequisite: "C" or better in Physical Science OR "A" in General Science

Grades: 9, 10

Year/ 1 credit

This course stresses science as a process of inquiring into the nature of life. Through discussion, laboratory exercises, data analysis, and written assignments, students will analyze and apply concepts from the following topics: ecological relationships, cell biology, plant and animal survey, structure-function analysis of plant and animals, genetic continuity, and human biology. Physical Science provides the needed background for Biology.

**4061A/4062A CHEMISTRY ONLINE**

Prerequisite: Successfully completed or is concurrently taking Alg 2 "C" or better in Biology

Grades: 10,11,12

Year/ 1 credit

This course will provide the basis for further study at the technical college and four year college level. It is the traditional high school chemistry course which is suggested for those who are planning vocations in health and other science related fields. Some of the topics covered are lab safety, significant figures, dimensional analysis, properties and changes, atomic structure and theory, the periodic table, bonding, nomenclature, the mole, reactions, and stoichiometry.

**4091A/4092A PHYSICS ONLINE**

Prerequisite: Concurrent Enrollment in Alg 2 or higher and a grade of "C" or better in Geometry

Grades: 10,11,12

Year/ 1 credit

This course is an introduction to the fundamental principles of physics, their experimental basis, and applications. Topics covered include measurement and vector analysis, dynamics, kinematics, thermodynamics, optics and waves, and electricity. The objective of this course is to give students an understanding of the world around us and in addition, prepare students for college physics and related studies.

**2011B/2012B WORLD HISTORY ONLINE**

Prerequisite: None

Grades: 9

Year/ 1 credit

In this course, students will study world history from the Renaissance through modern times. This course reviews nonwestern history with an emphasis on geography, conflict, diplomacy, and warfare.

**2026B/2027B US HISTORY ONLINE**

Prerequisite: Successful completion of Survey of World History or Acc Survey World History

Grades: 9,10

Year/ 1 credit

Survey of US History will cover American history from the time of the American Revolution until the present, including modern issues like the Middle East and Terrorism. Areas of focus will include: Expanding the US, Civil War and Reconstruction, Progressive Era, World Wars I and II from the US perspective, and the Cold War Era. Additional emphasis will be placed on financial literacy and American government.

**2040C PSYCHOLOGY ONLINE**

Prerequisite:2.0 GPA, all major assessments will be completed, in person, at Bay Port.

Grades: 9,10,11,12

Year: 1 credit

This introductory psychology course will guide students toward a better understanding of themselves and others. This course is a benefit to anyone with an interest in human behavior and the psychology behind our behaviors. This college-gearred course is open to anyone looking for a challenge. Major units will include the nervous system, our “nine” senses, perception, learning, memory, thinking, altered states of consciousness (i.e. sleep, dreams, relaxation), and personality. The student must be willing to engage in discussions and activities. This upper-level elective course is intended to aid students who plan to continue schooling beyond high school, as well as anyone with an interest in self-awareness. Psychology plays a role in everything we think and do. Do I really have nine senses? If a tree falls in the middle of a forest and nobody is around to hear it, does it make any sound? What is the difference between a neurotic and psychotic? What can I do to remember better? If you are up for a challenge, join the class and discover!

**2070C SOCIOLOGY**

Prerequisite: None

Grades: 10,11,12

Semester/ .5 credit

Does the outside society really influence who we are and what we will become? Learn to view the world using the sociological perspective, as well as evaluating how circumstances such as race, gender, and social class affect opportunities you may or may not enjoy. Participate in social experiments, view videos depicting sociology and why it matters, as well as participating in sociological experiments in class. The course content includes culture, socialization, social inequalities, deviance, and social change, as well as other topics that will give you an introduction to sociology.

**5010A PHY ED ONLINE**

Prerequisite: None

Grades: 9,10,11,12

Semester/ .5 credit

**5070B**    **HEALTH ONLINE**

Prerequisite: None

Grades: 9

Semester/ .5 credit

Our students will be exposed to a variety of topics. The goal of this course is for students to develop the skills necessary to live healthy, active lives, and to empower students to use the skills they have gained to make informed decisions that will enhance the quality of their personal, family, and community life. Health Education is a state-mandated course that is required for graduation.