

## SUMMER SCHOOL

Big Foot High School recognizes the grades one earns reflect one's mastery of the material in a given class. As such, any reference to grade improvement directly implies improving one's mastery of the content in the course. We offer summer school for grade improvement the following areas:

- English: All Levels
- Math: Up to Algebra 2
- Science: Up to Chemistry
- Social Studies: Geography and Global Studies, World History and US History

It should be noted that any student can choose to improve his or her grade as much as is possible. For example, a student who earned a CD in Algebra 2 could work extremely hard and get his/her grade up to an A. A student can enroll in summer school, for grade improvement, in the summer directly after he/she took a course but not any later. Summer School will take place over two, two-week, sessions. During each session, we offer three 1.5 hour, periods [Specific dates/times TBD]. Students can choose to take more than one period of summer school, but every student will get one period before any student gets more than one. Attendance at summer school is strictly enforced, students missing more than one day in a session will be dismissed. On the other hand, most summer school courses have an online or at-home component, so highly motivated students can improve a grade in less than two weeks or improve a grade significantly.

*Upon completion of summer school, grades will be updated and students must make an appointment with Mr. Paul if a schedule change is required.*

In addition to summer school for grade improvement, we are offering Health class over summer. Health is offered online with a BFHS teacher monitoring. Students will move through the course on their own. However, students must attend a final exam at BFHS. We are a 1:1 school so all students have the opportunity to check out a laptop over summer. Moreover, we are open four days a week throughout the summer, so students are welcome to be in the building to use the internet connection. Students who complete Health will have an extra .5 credit available for an elective course during the next academic school year.

## ALTERNATIVE CREDIT OPTIONS

**Porter Scholar Program:** High school juniors ranked in the top 10% of their class are eligible to apply to take one college course each semester at Beloit College during their senior year at no cost to them. Beloit College makes the final acceptance decision. Admission is not guaranteed. Applications are due April 15 of the junior year.

**Early College Credit Program (ECCP):** This program entitles a high school pupil in public or private school in the state to enroll in a UW System institution, or a private, non-profit institution of higher education in Wisconsin, to take one or more nonsectarian courses, for which the pupil may earn high school credit, post-secondary credit, or both. Deadline for application is October 1st for spring semester and March 1st for fall semester.

**Start College Now:** This program entitles a high school pupil in public or private school in the state to enroll in a technical college in Wisconsin, to take one or more nonsectarian courses, for which the pupil may earn high school credit, post-secondary credit, or both. Deadline for application is October 1st for spring semester, March 1st for fall semester.

**Part-time Open Enrollment:** This program entitles a high school pupil in any high school grade in a public school to take up to two courses at a time in a nonresident school district.

**George Williams College:** Part of the Aurora University located in Williams Bay, GWC offers junior and senior students placement into their spring and fall semesters as space allows, tuition free. Students will be responsible for the costs of their books

**Youth Apprenticeship:** A youth apprenticeship is an “earn while you learn program”. Students can trade in some of their school time to go to work and learn career skills. Credit is awarded based on the number of hours a student works. For every 90 hours of work Big Foot High School will award .5 credit. Students participating in the Youth Apprenticeship program must have paid employment, and the employer must be willing to teach the skills listed in the program area. Additionally, the student must be enrolled in at least one course of related instruction (For example, a student completing a Youth Apprenticeship in Hospitality could be taking our Baking and Pastries class) per semester.

Youth Apprenticeship has 11 program areas: Agriculture, Food & Natural Resources, Architecture & Construction, Arts, A/V Technology & Communication, Finance, Health Sciences, Hospitality & Tourism, Information Technology, Manufacturing, Marketing, Science, Technology, Engineering & Mathematics, and Transportation, Distribution & Logistics.

**Work Experience Program:** Work Experience allows students to trade in some of their school time to go to work and learn on the job. Additionally, students participate in a virtual class regularly; and attend an in-person meeting once a month. The Work Experience program emphasizes skills that apply to all future careers like: communication, technology, accountability, reliability and self-awareness. Students will be awarded .5 credit for every 90 hours of work.

## **GATEWAY VANguard - DISTANCE LEARNING**

### **Language Classes:**

Fall: 533-126 American Sign Language 1 – 2 Credits (Prerequisite – None) This course will focus on intensive vocabulary development and basic American Sign Language sentence structures. Students will also study American Deaf Culture and learn the basics of proper etiquette when communicating in a signing/hearing environment. The students will begin to develop both expressive and receptive ASL skills.

Spring: 533-127 American Sign Language 2 – 2 Credits (Prerequisite – ASL 1) This is a continuation in the development from phrases and simple sentences to complex structures. It will focus on the development of conversational American Sign Language skills. Students will further develop an understanding of the history and culture of the deaf community in the United States.

Fall: 533-128 American Sign Language 3 - 2 Credits (Prerequisite – ASL 2) This is a continuation of the development of ASL. Students will advance from being able to understand complex sentence structures to being able to express complex thoughts and ideas in ASL. Students will study basic linguistic rules and explanations for ASL. Students will further their understanding of Deaf culture through literature and the arts.

Spring: 533-129 American Sign Language 4 – 2 Credits (Prerequisite – ASL 3) This course will enhance the students' understanding of ASL. They will continue to develop confidence and expertise in the proper use of ASL in a variety of formats. Students will further develop their linguistic understanding of ASL. Students will continue to learn about Deaf culture in America and around the world.

Fall: 533-131 ASL for Native Users – 2 Credits (Prerequisites- see description) This course is for individuals who have grown up using sign language to communicate with family members. It will cover several linguistic aspects of ASL, historical influences, and cultural implications of being a hearing member of the deaf community.

Late Spring: 533-130 Deaf History – 2 Credits (Prerequisite – None) This course will examine the common past, present debate, and promises for the future of this minority culture. This course is an overview of the cultural, educational, physical, and social implications of deaf people within the context of today's diverse society. Discussions will include identities, language, legislation, organizations, technology and values within the deaf community. (~ late April to late May?)

### **Social Services:**

NEW! Fall/Spring: 520-101 Human Services/Introduction - 3 CR (Prerequisite – None) An overview of human services, types of agencies and delivery systems and human service as a career field. Emphasis will be on developing the generalist concept and the role of the associate degree human service worker.

### **IT Classes:**

Fall: 152-126 Introduction to Programming & Database – 4 CR (Prerequisite – None) This class will introduce students to the structures, logic, and controls of programming techniques and database applications. Students will be able to develop a program that will utilize a database.

Spring: 152-151 Microcomputer Programming Advanced – 3 CR (Prerequisite- Introduction to Programming & Database) A class in advanced microcomputer programming techniques. This class will examine trends in microcomputer program development including: use of objects, database access, receiving user input, displaying output, error handling, application controls, and online assistance.

NEW! Fall/Spring: 152-081 Programming in Python - 3 CR (Prerequisite – None) In this course, students investigate the fundamentals of computer programming using the Python programming language. Students examine data types, variables, conditional statements, looping, array structures, and structured programming techniques. Upon completion of the course, students will be able to use Python to apply problem solving skills to create applications for delivery to various platforms.

NEW! Fall: 154-130 Google IT Support Professional 1 - 2 CR (Prerequisite - None) This course is the first of two required courses for the Gateway Technical College IT Professional Certificate and aligns with courses 1 and 2 or the Google IT Support Professional Certificate. Students prepare for an entry-level Information Technology (IT) support role through an introduction to the world of IT and it's history. Students explore hardware and software, operating systems, and the internet to acquire skills related to computer network technologies, protocols, applications, troubleshooting, cloud computing and storage. Upon completion, students relate the fundamentals of IT support to workplace success and are ready to participate in the second Gateway Technical College Google IT Professional Certificate course.

NEW! Spring: 154-131 Google IT Support Professional 2 - 3 CR (Prerequisite - None) This is the second of two required courses for the Gateway Technical College Google IT Professional Certificate and aligns with courses 3, 4, and 5 of the Google IT Support Professional Certificate. Students build on the skills acquired in Course 1 to continue their preparation for an entry-level information Technology (IT) support role. Students analyze operating system components and practice hardware configuration and software and user management tasks. In addition, learners examine systems administration and best practices for selecting hardware, investigate IT security, perform risk evaluation and investigate securing networks. Upon completion of the course, students perform fundamental IT support tasks in support of workplace success and are prepared to seek the Google IT Support Professional Certificate.

Fall: 152-164 Mobile Device Application Programming – 3 CR (Prerequisite-Intro to Programming) This course teaches students to develop applications for mobile platforms. Students will utilize a Software Development Kit (SDK) to develop working applications.

Spring: 152-157 Game Programming 1 – 3 CR (Prerequisite-Intro to Programming) This class examines modern technologies for computer game development. Students will learn how to install development components. In addition, students will learn how to draw game elements.

Fall/Spring: 152-182 Web Programming 1 - 3 CR (Prerequisite – None) This course teaches students essential Web page development skills. Students will build an understanding of how to manage the Application Life Cycle, build the User Interface by Using HTML5, and format the User Interface by Using CSS, code by Using JavaScript. Other topics include validating HTML and CSS code, recognizing the importance of marketing, and implementing fundamental design concepts.

Fall/Spring: 152-184 Java Programming 1 - 3 CR (Prerequisite – None) The course introduces the student to the fundamentals of object-oriented programming using the Java programming language. Students will learn the core aspects of Java including how to write and debug Java code. Labs and hands-on projects are a required element to this class and provide the student with experience working with the Java language.

General Studies Courses (offered both semesters):

801-301 Writing Principles - 1.00 Credits (Prerequisite – None) Reviews the fundamentals of grammar. Emphasizes practical application of English in business correspondence. (for diploma programs--emphasis on grammar and practical, business writing)

801-302 Speaking Principles - 1.00 Credits (Prerequisite – None) Covers techniques of verbal and non-verbal communication. Presentation techniques in informative, demonstrative, persuasive and impromptu situations are stressed. (for diploma programs--emphasis on speaking in workplace setting)

801-198 Speech - 3.00 Credits (Prerequisite – None) This course explores the fundamentals of effective oral presentation to small and large groups. Topic selection, audience analysis, methods of organization, research, structuring evidence and support, delivery techniques, and other essential elements of speaking successfully, including the listening process, form the basis of the course. (required for many college programs)

804-370 Applied Mathematics 1 -2.00 Credits (Prerequisite- (854-760 Pre Technical Mathematics) or (OPTION-TEST Test Score)) Reviews the four basic mathematical operations on whole numbers, fractions and decimals. Also covers basic algebra and trigonometry related to technical fields

804-371 Applied Mathematics II - 1.00 Credits (Prerequisite-804-370 Mathematics I) Covers geometric principles along with calculations of linear, area and volume measurements. Includes interpreting and sketching graphs, the metric system, a method to solve technical conversions problems, and an introduction to statistics.

809-196 Introduction to Sociology – 3 Credits (Prerequisite – None) This course examines interpersonal relationships of humans and groups and the consequent structure of society. It details the various social processes and concepts which shape human behavior, analyzing such phenomena as organizations, deviance, race and ethnic relations, population, urbanization, social change, and social movements. Religion, education, and the family are studied. Capped at 24.

809-198 Introduction to Psychology – 3 Credits (Prerequisite – None) This course introduces students to some of the major theories and topics of psychology, including the physiological basis of behavior, personality and learning theories, memory, states of consciousness, stress, research methods, intelligence, human development, psychopathology, and social behavior. Capped at 24.

NEW! 804-115 College Technical Math 1 - 5.00 CR (Prerequisite - (Course 834-110 with a minimum grade of C or TR or achieve the required placement test score)) Topics include: solving linear, quadratic, and rational equations; graphing; formula rearrangement; solving systems of equations; percent; proportions; measurement systems; computational geometry; right and oblique triangle trigonometry; trigonometric functions on the unit circle; and operations on polynomials. Emphasis will be on the application of skills to technical problems. This course is the equivalent to College Technical Math 1A and College Technical Math 1B.

### **Health Related:**

501-101 Medical Terminology – 3 Credits (Prerequisite – None) If students take this Medical Terminology course they will gain knowledge that they can apply to all healthcare fields. The class is many times required for Medical School, Dental School, Physician Assistant Programs, Nursing, Pharmacy School, Emergency Medical Services and many other health professions. The medical vocabulary and human body terms will serve as a foundation for the more advanced courses students will take in college and for professional programs. Since this course is a Gateway Technical College course, colleges or universities may accept transfer of credit; this will be determined by the institution accepting the credit. Gateway Technical College has articulation agreements with most of the colleges and universities in the area. If students decide to go to one of the Wisconsin Technical Colleges this course will transfer for full credit into the Health Information Technology Program, Pharmacy Technician Program, Health Unit Coordinator Program and the Medical Assistant Program.

501-107 Digital Literacy for Healthcare– 2 Credits (Prerequisite – None) The focus of this course is the use of technology in healthcare. Learners use common business software applications, including word processing, presentation, spreadsheet, and databases. Communication methods using technology are addressed. Learners gain experience with using the electronic health record (EHR). Healthcare EHR security issues, social media use, and digital healthcare resources are examined.

# GENERAL ELECTIVES

## **Exploring Electives**

*0.5 Credit: Semester*

*Prerequisite: None*

In this course, students will be able to experience many non-required academic curriculums offered at Big Foot High School. All freshman students will be enrolled in the same section, and will rotate and spend three weeks in the following six areas: Agriscience, Art, Business, Family and Consumer Science, Music, and Technical Education. The purpose of this course is to connect what we teach in our core subjects and apply it to our elective curriculum and job outlook. Each curricular area will also spend time introducing the basic needs and demands in their areas as well as focus on basic skills and knowledge. This is a graduation requirement and must be taken in a student's freshman year at Big Foot.

## **Agriscience Teaching Assistant**

*0.5 Credit: Semester*

*Prerequisite: Consent of instructor*

Former Agriscience student, who demonstrates the ability to apply the principles of the class they TA, will assist the instructor in lab preparation, student lab concepts, etc. The student will assist any Agriscience instructor with assignments and lab procedures. (This is a pass/fail course.)

## **Art Teaching Assistant**

*0.5 Credit: Semester*

*Prerequisite: Consent of instructor*

An art teaching assistant gives the student an opportunity to serve in a leadership role assisting the art instructor. Duties will be varied and may include tasks related to classroom management and assisting students when needed.

## **IT Teaching Assistant**

*0.5 Credit: Semester*

*Prerequisite: Consent of instructor*

Do you have a keen interest in computers? Do you think that you may be interested in a technical career? Are you trustworthy, reliable, responsible and dependable? Are you a mature student who can work independently? If you have strong hardware and software skills, but you would like to learn more, this assistantship might be the answer. Students enrolling as Computer/Technical Assistants (CTA) will work under the direction of the Instructional Technology Coordinator (ITC). CTAs will assist with the daily operations of computer-related equipment at BFHS. One day they may be asked to perform routine maintenance and repair to computers in the lab, the next day they may be installing network cards or setting up network printers, another day they may be installing a software upgrade.

## **Family and Consumer Science Teaching Assistant**

*0.5 Credit: Semester*

*Prerequisite: Consent of instructor*

Teaching assistants will provide assistance to the family and consumer science teacher. The duties will vary according to the course but may include filing, assisting students, finding materials and preparing or processing materials. Teaching assistants will also do an independent study on units of choice to develop activities for students. Grading for the teaching assistant is based on attendance, successful completion of designated tasks, and willingness to help. Students interested in a teaching assistantship must apply with the instructor the term prior to the assistantship.

## **Physical Education Teaching Assistant**

*0.5 Credit: Semester*

*Prerequisite: Consent of instructor*

The student in this course has the opportunity to serve in a leadership role assisting the Physical Education/Health instructor. Any student signing up to be a teaching assistant must have a 2.5 cumulative GPA or higher as well as an interest in sports/wellness/fitness. The student will be responsible for roll call, equipment needed for course, officiating, and participating in course activities when needed. As a leader, the student will help supervise, may assist in testing and recording statistics, and lead warm-ups. This is a very good leadership experience. Students need to be approved by the instructor in consultation with the department chair.

### **Social Studies Teaching Assistant**

*0.5 Credit: Semester*

*Prerequisite: Consent of instructor*

Research assistants will provide assistance to the social studies department. The student will directly report to the department chair but will complete tasks for all social studies teachers. The task of the student will be to conduct research on topics that will prove beneficial to the social studies faculty and curriculum. Other duties will vary according to course offerings but may include filing, assisting other students, bulletin boards and preparing and processing materials. Teaching assistants may also do an independent study on units to develop activities for students in social studies courses. Grading will be based on attendance, successful completion of designated tasks, and willingness to help. Students meeting these standards should expect to receive a passing grade designated: P. Failure to follow instructions or meet attendance requirements will receive a grade of F or failing. Interested students must see the department chair to obtain consent.

### **Technology Education Teaching Assistant**

*0.5 Credit: Semester*

*Prerequisite: Consent of instructor*

Teaching assistants are available for every course within the department. Duties will vary according to the course but could include preparing and processing materials, coordinating supplies and inventory, and setting up experiments and shop projects. Students must fill out an application the semester before the assistantship. Grading is based on attendance, successful completion of designated tasks, and willingness to help.