

ELECTIVES AND GRADUATE MENTOR CLASS REGISTRATION

UWGB Upward Bound and UWGB RCMS Summer 2019

NAME: _____

Foreign Language Component

Taking a foreign language is a great growth opportunity and for all TRIO students it is a REQUIRED part of your summer session. You can plan to complete your requirement during study hall, your free time, or you can select it as one of your Electives. If you do not select it as an Elective then we will assume you will complete the requirement as an independent study. **With so many great Electives it is strongly encouraged that you do this as an independent study.**

REQUIRED: Rosetta Stone, Foreign Language

Pre-requisites: None

Description: Learn at your own pace using the proven language acquisition software online with voice recognition to help you speak with confidence. Online learning access to any one of the following languages: French, German, Italian, Spanish, Japanese, Chinese, Russian, Korean, Vietnamese, Swedish, Dutch, and even Latin. Experience a new language or strengthen one you have already started to learn. We purchased 3-months for each enrolled TRIO student. Language lab (with a teaching assistant) will be available during elective periods between 1pm and 3pm, during study hall, and after dinner on Monday and Tuesday evening. Online access is 24/7 for three months from June 24th until September 24th, 2019.

ELECTIVES

This summer you will have the opportunity to attend two (2) elective classes. These classes are from 1:00 pm – 1:50 pm and 2:00 pm – 2:50 pm. Listed below are the Sixteen (16) electives you have to choose from. Please **select four (4) classes and rank them 1 – 4 in order of preference** (use 1 for your first choice—the class you'd most like to take, 2 for your second choice, etc.). **NOTE: if a course lists a Pre-requisite – DO NOT – sign up for that class if you have not taken the required course. ONLY complete and return this form if you CANNOT use the online system.**

WHILE WE CANNOT GUARANTEE THAT YOU WILL RECEIVE YOUR FIRST CHOICE, WE WILL DO OUR BEST TO ACCOMMODATE EVERYONE.

Topic: Cursive Writing

Pre-requisites: None

Description: If your third grade class wasn't enough to make you proficient in cursive writing; If you have always wanted to write quickly while taking notes; If you have heard about recent studies which have found that students who write in cursive have better recall of class materials than those who print or type; or if you have always wanted to have beautiful handwriting, you may want to sign up for this class.

Topic: Get a Grasp on Grammar

Pre-requisites: None

Description: Not sure when to use a comma? Wondering what the purpose of a semicolon is? Where do the quotation marks go, and when do you use them? And what's with those three little dots in the middle or at the end of a sentence? This elective is for you! Get a Grasp on Grammar will help build your sentence-level confidence.

Topic: Speech

Pre-requisites: None

Description: This course will prepare students for speaking in front of others. In addition to learning how to better speak in front of crowd, students will learn how to shape their messages for different audiences. Students will also learn how to make various types of speeches including informative, argumentative, inspirational, and press-related. Visual aids can be an enhancement to any speech, but it can also be a detriment. Learn how to make the best visual aesthetic choice through taking this course. Anyone looking to improve their public speaking skills should sign up. (Course limited to eight students)

Topic: Diversity Matters**Pre-requisites: None**

Description: Why does diversity matter? Why is it important to know your neighbors? The world is ever changing and comprised of various and beautiful people. Just to name a few there are people of diverse ethnic backgrounds, culture, and of LGBTQ community. This course is an introduction to diversity, an appreciation of multiculturalism, and we will discuss issues that affect multicultural individuals. Some of those topics may include: learning about various ethnic backgrounds, self-awareness, assumptions, stereotypes, micro aggressions, and or current events that impact diversity. This will be an opportunity to learn more about yourself and others who are different from you. If you have an open mind, the willingness to learn and appreciate others who are different from you then this course is for you. Diversity does matter.

Topic: Greek Mythology**Pre-requisites: None**

Description: In ancient times, just as now, people looked for the causes of forces greater than themselves. In Ancient Greece, people created larger than life characters resembling themselves but in possession of powers far beyond the scope of human possibilities but representative of the personal, political, and environmental forces that dominated their lives. They called the greatest of them gods, and for centuries stories were told and passed down about their powers, exploits and all too human failings.

The Greeks gave us these stories. Poetry, novels and plays written over the 2000+ years have continued to carry these gods and goddesses into our lives and DVD players. This class will study the Greek gods and heroes through the writing of Edith Hamilton and examine the lessons they can teach us today. This year the great Fantasy writer, Neil Gaiman has written a beautiful book of Norse mythology that we will also be including in our class.

Topic: Latin American Literature and Culture**Pre-requisites: None**

Description: En este curso exploraremos los diferentes facetos de la cultura y la identidad Latina. Exploraremos esto a través de la literatura que vamos a leer de autores Latinos en como la cultura y identidad se representa en las lecturas. Through this course, we will be looking at Latin American literature, exploring different themes, and looking at different ways Latino culture is represented in these readings. We'll be doing readings in Spanish and/or Spanglish.

Topic: Introduction to Calculus**Pre-requisites: Pre-Calculus**

Description: An overview of the first semester of Calc 1. If you like math but are a little intimidated by that big word CALCULUS then you should sign up for a little prep work. You are sure to derive great satisfaction from this class and reach new limits before unknown to you.

Topic: Introduction to Trigonometry**Pre-requisites: Alg 1 & Geom 1**

Description: if you think "what's your sine" is a line to get a date or if you think "cosine" means to get someone to sign off on your car loan, then you really need this class. You will have the chance to get it all right after this class as the Right Angle gets to take on a whole new meaning. Be better prepared to take on Trig next fall after completing this summer session.

Topic: Introduction to Physics**Pre-requisites: Algebra 1**

Description: Are you taking Physics in the fall? Or, are you simply interested in learning how the world around you works? Then this is the elective for you! Spend your summer studying projectile motion (think nerf guns and car jumps) while getting ready for the next school year.

Topic: ACT Science**Pre-requisites: None**

Description: Do you have what it takes to read 7 passages and answer 40 questions, all in 35 minutes? Nervous about how to prepare? Looking for hints and tips on how to attack the exam? We will help you form a battle plan. This course will help you get ready for the often challenging portion of the test. Preparing for the ACT Science course doesn't have to be boring: We'll make science fun!

Topic: Introduction to Psychology**Pre-requisites: None**

Description: Have you ever wanted to better understand human thinking and behavior? Do you consider yourself a “people watcher?” Are you interested in trying to figure people out? If so, then this course is for you! In this course, we will explore a number of topics related to the human mind and behavior such as: how experiments work, the brain, sleep and dreaming, stress, learning, personality, social influence and authority, psychological disorders and more! Students will gain a better understanding of the field of psychology and be better prepared to enter a high school introduction or AP psychology course.

Topic: The Stock Market and Economics**Pre-requisites: None**

Description: Ever wondered how the stock market worked? Ever wanted to learn how to invest? Want to learn how to have your money make money? What about learning how goods and services reach us in a modern economy and how technology and politics impacts these processes? This class includes a virtual stock market game which allows students to research and invest in companies; then follow those companies using real world stock information.

Topic: The Environment Rocks**Pre-requisites: None**

Description: Although no one can claim to have seen every part of the planet, you generally don't have to travel very far to find something remarkable, whether it is a geologic formation like the Grand Canyon, a graceful animal like the American bald eagle or the pure power of Niagara Falls or an afternoon thunderstorm. However, in this fast paced technology age, we have increasingly become an indoor society that has lost its connection to the natural world, failing to fully appreciate the beauty of this planet that also provides us with food, water, shelter and all the other things that make life on this planet possible.

This class investigates lyrics from many different musical genres and relates those lyrics to environmental movements during the time they were written and how they are impacting us now. What was going on in society at the time the artist wrote the song? What can be learned and what was the artist trying to tell us?

Topic: American Politics, an outsider view**Pre-requisites: None**

Description: This elective will examine the American political system from an outsider's perspective, who originally is from the Netherlands This is small country located in Europe who has been a big player in the international system like the US, but has a completely different political system. We will look at the differences between the two countries, regarding the institutions, elections, political values, powerful individuals, political parties, etc. For example, we will look at the 2016 presidential elections in the United States and the elections for the Dutch parliament in 2017. We will also look at the general perceptions Dutch people have about American politics.

Topic: Comparative Politics**Pre-requisites: None**

Description: The Comparative Politics elective will explore the political systems of various countries and how and by what this is influenced. It will start with America and will look at other big countries such as Canada and China and smaller countries such as Switzerland. At last the elective will compare these political systems with each other.

Topic: Japanese Culture**Pre-requisites: None**

Description: This is an introductory course in Japanese culture. We will cover music, art, food and customs of Japan. Through classroom presentations and discussion we will foster a greater cultural understanding of Japan. Students should also find helpful tips for studying abroad and international travels throughout this course. Fans of Anime, Manga, J-Pop/J-Rock, and all things Japanese need to apply.

ELECTIVES AND GRADUATE MENTOR CLASS REGISTRATION
UWGB Upward Bound and UWGB RCMS Summer 2019

NAME: _____

GRADUATE MENTOR CLASS

Graduate Mentor classes are held on Friday afternoons from 1:00 pm – 5:00 pm. These classes offer you the chance to work with graduate-level college students or faculty and staff on various topics. Listed below are ten (10) classes you have to choose from. Please **select three (3) classes and rank them 1 – 3 in order of preference** (use 1 for your first choice—the class you’d most like to take, 2 for your second choice, and 3 for your third choice). Please note that you will be put into only one (1) class. **NOTE: if a course lists a Pre-requisite – DO NOT – sign up for that class if you have not taken the required course. ONLY complete and return this form if you CANNOT use the online system.**

WHILE WE CANNOT GUARANTEE THAT YOU WILL RECEIVE YOUR FIRST CHOICE, WE WILL DO OUR BEST TO ACCOMMODATE EVERYONE.

_____ **Topic: ACT Reading and Language Arts** **Pre-requisites: None**
Description: Are you ready for the ACT College Entrance Exam? This class offers you the chance to gain knowledge that will help you feel confident and prepared. Gain skills from this course to receive a higher ACT score that means better prospects for college admittance, grants and scholarships! So sign up today!

_____ **Topic: Tricks of the Trade: Where will Technology Take You?** **Pre-requisites: None**
Description: Have you ever stumbled through software, just guessing as to how it works or what else it can do? Ever wonder what secrets these programs hold, especially those icons that don’t seem to make any sense? It’s time to make technology work for you! In this class, you will dive into the intricacies of popular Microsoft Office programs (Excel, Powerpoint, Word, Publisher) and their counterparts (Google Sheets, Slides, Docs, etc) while planning your fantasy vacation! You will learn the tricks of the trade in editing, exporting, sharing, and integrating these programs into your everyday life. Simultaneously, you will learn how to use these programs for more than just schoolwork as we plunge into a crash course on effective internet research, budget management, and professional formatting. Not only will you plan your fantasy vacation over the course of four weeks, we will have a fun-filled day when everyone proposes their trip to the class!

Topic: Biochemistry**Pre-requisites: Biology**

Description: Students interested in the fundamental techniques and approaches used to address today's most pertinent biochemical questions will be excited to learn more on the following topics!

- Lab Topic 1: Neurodegenerative Diseases: What Does Alzheimer's Look Like?
- Lab Topic 2: Biochemistry of Health and Fitness: Protein Signaling and Purification
- Lab Topic 3: Medicinal Chemistry and Drug Discovery: Synthesizing Pain Relievers
- Lab Topic 4: DNA Extraction and Forensic Applications

Each 4-hour session will begin with an introductory presentation on the relevance of the day's topic. A hands-on laboratory will follow for the majority of the session and we will end with an open discussion of the field's latest questions and career opportunities relating to the day's experiments.

Topic: Computer Engineering and Coding**Pre-requisites: UWGB UB Student**

Description: Teaching Through Technology (T3) provides an introduction to basic computer programming and computer design (Engineering). Students will be introduced to a variety of programming concepts and given time to explore and develop skills on Raspberry Pi devices as they build mini computer(s) and devices with a variety of input and output add-ons. Students will learn about the hardware design process and apply it to various tasks within their community. There will be opportunities to develop communication, problem solving, and teamwork skills. (only UWGB UB students can enroll in this GM, the course material is the same as what will be offered to RCMS students as part of the core Science curriculum).

You will:

1. Develop a growth mindset
2. Build a computer with a Raspberry Pi Device
3. Use visual and text based programming languages
4. Understand electrical circuits and sensors with the Raspberry Pi Device
5. Communicate with sensors through a network
6. Use the design thinking process to address community related issues
7. Develop skills for communication and leadership.

Topic: Public Address and Debate**Pre-requisites: None**

Description: This course will provide students with the tools to speak and debate in various public settings. In addition to public speaking students will learn how to shape their arguments. Does someone try to appeal towards their audience's logic, emotions, or ethics? When is it appropriate to use one over the other? Students participating will gain the tools needed to answer these questions. Anyone looking to improve their argumentative skills needs to sign up!

Topic: Riding the Korean Wave**Pre-requisites: None**

Description: What is the Korean Wave? The Korean wave refers to the phenomenon of Korean entertainment and popular culture spreading throughout the world with pop music, TV dramas, and movies. Through this course, we will examine all the aspects of the Korean Wave as well as discuss its affects and influences.

Topic: Teen Movies: You are the audience, you are the critic.**Pre-requisites: None**

Description: Movies about teenagers have been around since I was a teenager—really! We will be viewing and discussing a number of movies made during your lifetime and asking key questions about them.

- What do they say about high school students today?
- Is the view an accurate reflection of the culture, or just a picture of a certain part of it?
- Are they accurate as far as what you know about life in America today?
- Do they reflect you and the people you know?
- Would you recommend this movie to others? Why or why not?

Topic: Comparative Anatomy**Pre-requisites: Biology**

Description: Dig in and explore the exciting world of science! Discover the world of anatomy and its varying shades of complexity across different organisms. Examine the similarities and differences between the worm, frog, cat, and humans. Build confidence in lab techniques and application of scientific study. Ideal for students wishing to explore the world of science or science majors.

Topic: Cultural Cooking**Prerequisites: None**

Description: Food and fun conversations. Food brings people together and opens the door for conversations. Would you like to taste different cultural foods? Would you like to learn how to make a cultural dish/appetizer? Join me for this basic, fun, and hands-on cooking course. This is an opportunity for you to learn how to cook foods from different cultures, step outside of your food comfort zone, and try new ingredients/flavors. Be prepared to cook on the first day of class: tie hair back, no nail polish, and **please inform instructor of any food allergies in advance.**

Topic: Veterinary Medicine**Pre-requisites: None**

Description: Do you like being around animals? Thinking of studying to become a Veterinarian? Do you want to go behind the scenes to see how professionals care for the animals they work with? We will take tours of veterinary facilities to explore the varied occupational opportunities a career in Veterinary Medicine can entail. We will be visiting a small animal practice, a large animal practice, the Bay Beach Wildlife Sanctuary (where we will see how they rehabilitate the animals that are brought in), and take a behind the scenes tour at the NEW Zoo. This is a grad mentor that you do not want to miss! (This course has a six student maximum enrollment).