

Intensive Classes 2020

Humanities and the Fine Arts

Agents of Change: Music and Power from Beethoven to Beyoncé

Instructor: Kelly St. Pierre

Classical music has long been held as a moralistic pursuit; the works of Beethoven, and Mozart are not just “good,” they’re “good for you.” But who says? Why can’t Beyoncé be just as good for the soul as Mozart? Students in this class will explore the taste making processes that led to formation (and veneration) of the classical music composers with special attention to the ways power dynamics—especially tensions between majority and minority groups—continue to shape how music is discussed today. In the end, students will harness their critical thinking skills towards becoming their own agents of change. What issues are important to you? Whose voices might be underrepresented and how are they marginalized? Come prepared to work as a team to promote a cause of your choice.

Creative Writing Through Digital Media

Instructor: Ian Nolte

How do you take advantage of the dynamics of the poetry and film? How can the craft of writing be expressed in video? This course explores creative writing from poetry to creative nonfiction and how our words can be turned into audio visual projects. Starting with pen and paper, we will produce good, powerful writing and learn how to translate that into exciting multimedia content. We will learn the craft of digital editing and filmmaking and create dynamic multimedia content from our original writing.

Learning to Think Dynamically Through Poetry Forms

Instructor: Cody Lumpkin

This course will examine poetry forms such as haiku, the sonnet, the villanelle, the sestina, the ode, the elegy, and the prose poem in a discussion-based classroom. Both classic and contemporary examples of these poetry forms will serve as inspiration and models for the students’ own creative adventures into these well-established, yet ever-evolving forms. To help support the creative process, the class will visit Marshall University archives and local museums to research and discover subject matter for their poems. By the end of the course, students will have drafted, revised, and performed a number of poems in specific poetry forms that have allowed them to think in unique and dynamic ways.

Revitalizing Appalachia Through Public Art

Instructor: Karen Gergely

This course will focus on public art works in Appalachia! We will look at urban renewal by way of public art, and economic vitality cultivated through public arts initiatives . . . and we’ll partner with Huntington to create a public work of art in the community! #youwontwanttomissit #publicartrock

Shakespeare and the Other

Instructor: John Shirley

We are a melting pot of demographic identities. In our increasingly heterogeneous society, our varied identities place us into an overwhelming array of majorities and minorities, raising a number of essential questions about individual and collective relationships with one another.

How much consideration, protection, and preservation, if any, does the economic, political, racial, religious, social majority owe to the voice(s) of individuals outside the ruling/majority? How much deference do individuals and minorities owe to the voice of a/the majority? Should a/the majority always rule? What role(s), if any, do demographic factors (such as age, race, income, nationality, religion, political affiliation, gender, sexual orientation, education) play in our willingness to accept/value (or reject/devalue) others? What makes someone an “other”?

Pull back the curtain to consider these questions – and more – as we read, watch, and discuss a selection of plays by William Shakespeare, which – more than four hundred years after they were written and first performed – remain startlingly relevant to political and social issues in our lives today. Join in a dynamic discussion of how plays 400 years old can raise our awareness, inspire our empathy and encourage others to do the same.

To Debate or not to Debate: Is it Still a Question?

Instructor: Victoria Ledford

We’ve all been at the family dinner table when someone inevitably brings up politics. We’ve all seen *Law & Order* or another crime television series where courtroom debate gets feisty. And we’ve *all* Googled the answer to a question when an argument between friends couldn’t be settled.

Argument is everywhere. This class asks you to evaluate and investigate the many different types, styles, and places of argument. Through analyzing arguments from a diversity of disciplines, this course will challenge you to think about what makes for “good debate” and how those standards grow and change.

Along the way, prepare for daily debates with your classmates. Law, politics, pop culture—it’s all fair game in this course that will help you hone your written and oral argumentation and debate skills.

Toward a More Perfect Union

Instructor: Dan Hollis

A beautiful, spirited, smart, rowdy, three-ring circus working toward a common goal. In this class we’ll tackle virtually every hot button issue of our time and debate it with the Bill of Rights as a background. Those first 10 amendments to the Constitution, together with the 14th Amendment, ensure the right of every American to a fair trial, free speech, religious choice and due process among many other rights.

The Bill of Rights also fits naturally within our theme. Our society is ever evolving and dynamic because our freedoms allow us to express ourselves. Just how extensive is the right to bear arms? Is the death penalty cruel and unusual punishment? How do we square individual privacy with national security? Those are just a few of the myriad of discussions we’ll have.

This class is not for the mild mannered. The class won't tell you what to think but it will require you to be respectful of your classmates and their ideas. Its goal is merely to get you thinking, talking and appreciating the opportunity to hear what your intellectual peers think.

Variations, Adaptations, and Stories that Change

Instructor: Daniel O'Malley

This course will explore what happens in literature when stories get revised, retold or adapted for a new purpose. We'll look at a variety of examples – fairy tales retold in varying cultures; texts re-written by their own authors or revised by editors; texts in multiple translations; stories adapted for stage or film. We'll consider how these stories change from one version to another, and why. We'll question the notion of a text as a fixed (static) thing. And we'll exert some dynamic forces of our own through revision and the process of erasure. As an artform, erasure involves taking an existing work (a text or something visual) and erasing or otherwise obscuring portions of the original to make something new – in other words to change the story.

Wicked Stepmothers and Glass Slippers

Instructor: Adam Booth

Cinderella is one of the most documented and popular stories from around the world, but major adaptations like Disney's animated feature film have interfered with the development and growth of the story as folklore. Did you know Cinderella doesn't always lose a glass slipper, and the Prince doesn't always have a ball? This class will explore the fantastic variations of the Cinderella story in the Western world and beyond, from found slippers to lost gold rings to a hat of reeds and a cat-skin dress. We'll try to understand power struggles and female roles as the characters change through history. The class will also look at adaptations of the spoken story into more recent art forms, such as television and graphic novel, searching for the present life of the story and seeking to answer why Cinderella has had such mass appeal for centuries.

Your Metaphoric Mind: Dynamic Life through BEST Adventures (Body, Energy, Space, Time)

Instructor: Toneta Akers-Toler

Explore the language that tells the truth, body language! Find out just what the interoceptors, exteroceptors and the proprioceptive system are as we use them to examine the body machine through a series of physical movement exercises. These will lead to possibilities of physical, mental and emotional health sustainment. We will use improvisational movement concepts to experience dynamic energies through examining "Howard Gardner's Multiple Intelligence Theory". No prior movement or dance knowledge is needed. Wear some comfortable clothes that will cover your legs so you don't get floor burns! We will move to many different styles of music as we experience music as a sound language. Get ready for a dynamic BEST adventure!

Math, Sciences, and Technology

Advanced Topics in Math Competitions and Discrete Math

Instructor: Doug Squire

Is math easy for you? Do you want more of a challenge in your math classes? If so, this class is for you. We will examine many advanced mathematical topics in this class. We will focus our study on math that shows up in high school math competitions, including discrete math, combinatorics, sets, logic, and even some calculus – topics much more difficult than those in a standard high school math curriculum. We will also look closely at casino games and the math behind them.

Can We Predict the Future? Using the Convergence of Statistics, Big Data, and Computing to Make Significant Estimates of Future Occurrences

Instructor: Uyi Lawani

Are you interested in forecasting future events? Would you be interested in acquiring the skill to help you forecast the result of sports and games, electoral contests, the weather, or the likelihood of a stock performing? If you are, then this class is tailor made for you. After taking the class, you will have acquired the knowledge and skill to collate, clean, analyze, and understand archival data; you will then be able to make future projections based on any trends you observe from the data analysis.

Controversial Numbers

Instructor: Ben Jones

How far are you willing to go to maintain the status quo? Legend has it that in the 5th century BCE, the cult of Pythagoras tossed a mathematician over the side of a ship, drowning him to prevent his discovery of irrational numbers from getting out. Discover for yourself the intrigue and mystery of mathematics as it has changed throughout history by exploring numbers so controversial that mathematicians would die to stop them. Gain a deeper understanding of mathematics and go beyond the world of arithmetic as we explore everything from the ancient roots of zero and the groundbreaking discovery of irrational numbers to a modern-day controversy over the infinite showing that in mathematics, as in life, the only constant is controversy.

Some of these ideas took centuries to gain acceptance by even the most open-minded mathematicians, so be prepared to challenge your beliefs and to have your beliefs challenged. We'll be grappling with difficult concepts.

Exploring Engineering: Design and Analysis

Instructor: Hugh Costello

Learn how everyday products are designed and manufactured. In this course you will learn how to connect your analytical left-side brain with your creative right-side brain through the design process. In this course you will experience a collection of interesting and fun exercises and projects to learn how the engineer of today solves design problems.

Programming Your Future

Instructor: Cody Hood

Programming is one of the most valuable skills an emerging adult can have in our society. Even more valuable than this skill are the thought processes and perspectives on life gained through the use of programming. No matter what your interests are, being able to have a mindset of a programmer will allow you to approach all aspects of life more logically, allowing you to achieve whatever goals you may have. While learning how to use the programming language MatLab, we will be examining real life scenarios from perspectives that aren't necessarily visible at first glance. By having the ability to see issues from multiple perspectives you will have gained an invaluable advantage over anyone or anything that comes to hold you back from enacting change.

Broad-Based Classes Humanities and the Fine Arts

45 Words

Instructor: Dan Hollis

Fair warning. This class, based on the first amendment to the Constitution, is bound to upset you at least a couple of times. You'll get mad at your professor, mad at your classmates and maybe even mad at yourself.

The First Amendment comprises a mere 45 words, but those words protect our most basic freedoms: religion, speech, press, assembly and petition. They make us the envy of the world, but they are much debated here at home. This class won't shy away from those debates. We'll embrace them, and it is likely to lead to some wild, loud and free-wheeling classes. Talk about dynamic; we'll be the definition of the word.

But our founders left us with a gift, and that gift is your right to voice an opinion. The right to not be silenced. They had great debates as they determined the path for this country. We'll have great debates as we plot our way forward—together.

Freedom of religion versus nondiscrimination policies. National security versus freedom of the press. Right to protest versus public safety. Our debates will be ripped from today's headlines.

It'll be so challenging and fun, you'll really be mad if you don't sign up for it.

Art + Social Change!

Instructor: Karen Gergely

This class will introduce students to the ideas of Art and Social Change! Socially Engaged Art can be a catalyst to amplify the voices of communities in need. We will look at art around the world and here in Appalachia that cultivate authentic relationships and collaborations, advocacy, visual storytelling, joy and healing, all in effort to nurture real, lasting change. We'll see how artists can empower communities, relinquish hierarchies, and create a sense of belonging. . . and we'll put some of these ideas into practice!

Discover Your Dynamo Through Body and Sound Language

Instructor: Toneta Akers-Toler

Communicate through creating a body language from a given idea and concept. Explore your mind, body and emotions as they work together in a dynamic awakening of every cell in your body. Critical response sessions will be dynamic as each individual brings their perspective to all topics explored. Experience how science, technology, engineering, arts/humanities and math are analogically related and can enhance a deeper knowledge of similarities. Music language will be explored through the improvisational physical assignments. No prior movement or dance is needed. Bring some comfortable clothes that will cover your legs so you don't get floor burns! Let's work together for dynamic health!

Faustus Reimagined

Instructor: John Shirley

What is knowledge? What is its purpose? How and why do we acquire and attempt to record and transfer it? Control it? Misuse it? Lose it? What are its limits? What are its costs and liabilities? What is the connection between intelligence, education, and knowledge? What is the connection between knowledge and power? Are there things we can – but shouldn't – know?

Consider these questions as we read, view, and discuss Christopher Marlowe's timeless early modern tragedy *Doctor Faustus* as a "static" literary text, as a "dynamic" performance document, and as an inspiration/source for our own short stories based on the characters, plot elements, and major concept(s)/ theme(s) of the play.

Throughout the process, we'll explore early mythological and religious depictions of "forbidden" knowledge that influenced the play, examine other source materials and social contexts that also influenced the play; analyze later adaptations in theatre and musical theatre, film, and music; discuss the process of adapting/re-imagining pre-existing source material into new works; and create, revise, and share original works of short fiction based on the play.

From Facebook to Fitbits: Health Campaigns in the Age of Overstimulation

Instructor: Victoria Ledford

Why do you get a flu shot? What would make you want to stop drinking soda? Could anyone persuade you to *actually* get 8 hours of sleep a night?

No one has all the answers, but this course can get you closer. This course will focus on understanding what makes a health campaign effective. Health messages are everywhere-on our TVs, computers, phones, smart watches, and maybe even a billboard or two if we happen to notice. After taking this course, you will have a better understanding of just how saturated our world is with health messages and campaigns.

Exploring historical and contemporary health campaigns, this course will introduce you to some key principles of health campaigns, what made them effective, and how you might go about making one yourself. From arts to the sciences, students of all interests could learn a thing or two from this course. After all, haven't you ever tried to persuade someone to be healthier?

Introduction to Creative Digital Media Projects

Instructor: Ian Nolte

Write, plan, and create your own videos! Digital media is loud, powerful, and dynamic, leaping from the screens and speakers that surround us. But how do we create it? What kinds of digital media projects are people making? How can we create dynamic video texts? We will watch, examine, and discuss a variety of interesting videos. You may not win an Academy Award, but you'll feel proud of your production.

Introduction to Film Studies

Instructor: Cody Lumpkin

This broad-based course will consider the key aspects of film form (mise en scène, cinematography, editing, and sound) and analyze their use in both short films and feature-length films. Students will refine and sharpen their rhetorical and observational skills in regards to film analysis through classroom discussion, viewing activities, and the development of their own digital texts that examine aspects of film form.

Noise, Popular Music, and Political Advocacy

Instructor: Kelly St. Pierre

Explore moments like Jimi Hendrix' performance of the national anthem at Woodstock and the release of Aretha Franklin's "Respect" to learn how people have harnessed "noisy" sounds, visuals, and texts as political tools in history. This class focuses on political protest and Civil Rights advocacy during the Vietnam War.

You will produce a podcast that examines politically charged music from your own time and place. What is today's protest music? What do its sounds reveal about the expectations—sonically or socially—of contemporary listeners? And what does it claim needs to change?

Thrice Upon a Time

Instructor: Adam Booth

Magic mirrors, deceitful wolves, glass slippers, and fairy godparents. Sound like the makings of your kind of story? Come learn more as we explore three classic folktales: *Little Red Riding Hood*, *Snow White*, and *Cinderella*. With one week dedicated to each story, this class will make an introductory survey of the tales in oral tradition, text, and other adaptations. Learn about how these stories were collected and how we might interpret the signs and symbols within. Who is that wolf, anyway, and what does the stepmother teach us about courage? And where do these stories exist today? They don't always end happily ever after . . .

Writing the Short-Short Story

Instructor: Daniel O'Malley

Want to be a writer? If you've never written a story, or if you've been writing for years, this course will provide a structure and a space in which you can push your skills. Our primary focus will be the short-short story (a text anywhere between, say, 20 and 2000 words). We'll look at examples of writing we admire and talk about how that writing works. We'll share writing of our own. And though the course specifies short-short stories, we'll quickly see that genre distinctions have a way of blurring when you get close to them, so we'll make space for fiction, nonfiction, poetry, graphic narratives, anything you can imagine. Imagine it and write it!

Math, Sciences, and Technology

Breaking the Code

Instructor: Cody Hood

In today's society, keeping our information safe and secure is one of the most concerning issues we face. The fundamental concept behind encrypting our data is cryptography. Cryptography is the art of writing and solving cipher and codes. It is called an art because it requires not only logical thinking but creativity as well. This course will look to introduce you to the world of codes. How to make them and how to break them. We will explore some of the most common ciphers and well as their historical importance and how they have shaped the world we currently live in.

Discrete Mathematics and Symbolic Logic

Instructor: Doug Squire

Did you know there is more to math than addition, multiplication, polynomials, and graphs? Discrete math, competition math, casino math, and symbolic logic typically aren't covered in high school; however they are all important parts of mathematics. In this class, we will examine the fundamentals of discrete math and symbolic logic. We will learn complicated mathematics used in competitions and learn the math behind some popular casino games. We will take arguments, analyze them, and decide whether they are valid or not. We will look further at how to improve our own arguments made in speeches, papers, and casual conversation.

Getting a Great Start to College and Mathematical Preparedness

Instructor: Hugh Costello

Today's student has been born into a world of technological advances and devices. However this technology will not overcome many of the difficulties that students encounter at a college level. While technology can help students, it doesn't cure the other issues that will challenge students. These issues will be addressed and reduce the difficulty of transitioning to the expectations and demands of College programs. This class will help you overcome mathematical and algebra stumbling blocks, and give you helpful tips on how to succeed in college.

Today vs. Tomorrow: The Inevitability of Change and the Role of Creative Destruction

Instructor: Uyi Lawani

Are you interested in a dialogue on the dichotomy between Today and Tomorrow? Would you be interested in getting more aware about the underlying reason for innovation and change? If you are, then this class is for you. After taking the class, you will become more familiar with Creative Destruction and know a lot more about Charles Schumpeter, who popularized the term in his study of, and work in, economics.

What is A Line? (And How Do We Know?)

Instructor: Ben Jones

Walk the line between the dynamic and the constant as we explore this puzzling question at the heart of geometry. Taking nothing for granted, we'll tear apart the textbook definition of a line on a roundabout journey from two dimensions to too many dimensions. Along the way we'll

learn about finite geometries, topology, knots (in more ways than one), and even relativity. Come prepared; you never know where a straight line could lead.