

# FYS 129

**Freshmen**

**Seminar**

**Classes**

**Fall 2015**  
**Course Offerings Book**

 FIRST-YEAR STUDIES

## Welcome Letter

First-Year Students,

Welcome to the University of Tennessee! This book will be your detailed guide to exploring the various FYS 129 courses that are offered in the Fall of 2015. We have divided the courses by the college where the professor teaches.

If you have any questions about the various courses, feel free to email the professor at their email address or First-Year Studies at [fys100@utk.edu](mailto:fys100@utk.edu). We hope you find something interesting!

With Volunteer Pride,

First-Year Studies Team

 FIRST-YEAR STUDIES

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## College of Agricultural Sciences and Natural Resources

### Biosystems Engineering and Soil Science

#### CSI Knoxville – 1863

Robert Freeland | rfreelan@utk.edu

Meeting Time: Mondays 4:40pm – 5:30pm

CRN: 46800



**Course Description:** In November of 1863, Gen. Longstreet’s divisions attacked Knoxville, leaving Confederate dead littering the slopes of Ft. Sanders. Cal Johnson, a former slave who would become Knoxville’s first black millionaire, received \$1 for each Confederate body retrieved from the battlefield and buried in mass graves near Knoxville’s Old City. Who are the Union men (prisoners) who are buried in a mass grave nearby from the earlier Confederate occupation of Knoxville? We will use ground-penetrating radar and satellite mapping to delineate the lost boundaries of these mass graves. This is an outside surveying course along with historical investigative research of murder, cover-up, and retribution.

**Professor Information:** Dr. Freeland is Professor of Biosystems Engineering, and teaches courses on land surveying and mapping. He is a licensed professional engineer and land surveyor. He has provided underground surveying services in criminal cases for the Federal Bureau of Investigation, (FBI), Tennessee Bureau of Investigation (TBI), Bureau of Alcohol, Tobacco, Firearms and Explosives (ATF), Nashville District Attorney’s Office, and local law enforcement.

## Gardening For Life

Joanne Logan | loganj@utk.edu

Meeting Time: Wednesday 3:35pm – 4:50pm

CRN: 46804



**Course Description:** Did your family have a food garden? Are you trying to live more sustainably? Gardening is a form of exercise, and is as restful for the mind as meditation. Food gardening saves money, enhances local ecosystems, promotes our local economies, and helps us eat more healthily. Come learn what food gardening is all about by experiencing it first hand with an intensive garden plot in the UT Institute of Agriculture Kitchen Garden. Polish your cooking skills using local ingredients at the Kitchen Garden Cooking Kiosk. Contribute to the local community through service projects at the Beardsley Community Farm and the Pond Gap Community Garden.

**Professor Information:** Joanne Logan has directed the Environmental and Soil Sciences major since 2001. She is a faculty member and mentor of Students Promoting Environmental Action in Knoxville. She serves on both the UT Sustainability Working Group and the Campus Committee for the Environment. She regularly volunteers at the Beardsley Community Farm and the Pond Gap Community & School Garden. She teaches several classes with environmental themes: Waters and Civilizations and Environmental Climatology. She is the faculty mentor for the Sustainability Living and Learning Community (The Greenhouse). She conducts research in Climate Change and Climate Change Education.

## Forestry, Wildlife, and Fisheries

### Science of Basketball

Mark Fly | markfly@utk.edu

Meeting Times:



#### First Session

Tuesday/Thursdays 2:10pm – 3:25pm

CRN: 46843

#### Second Session

Tuesday/Thursdays 2:10pm – 3:25pm

CRN: 49889

**Course Description:** Is there a perfect shooting form in basketball? Of course! What characteristics would perfect shooting form have? Number one would be “simplicity. Simplicity, by necessity, is also the quickest shot. The shot has to be reduced to the “simplest motion” which addresses the three main concerns of basketball shooting: accuracy, efficiency, and speed. We will use physics, biomechanics, geometry, and psychology as you strive for your perfect shooting form. In the process, you will learn about life and the pursuit of excellence.

**Professor Information:** Welcome to my shooting class! Achieving excellence in basketball shooting has been a lifetime passion of mine. It can also be yours! My record is 136 free throws in a row (self-rebounded). I welcome beginners and experienced players. In my other job, I train students in the Department of Forestry, Wildlife, and Fisheries to be park rangers. By the way, I am an environmental psychologist with a focus on people and nature. What fun!

### Nature Lovers Only! Fall Break Inc.

Mark Fly | markfly@utk.edu

Meeting Times: Wednesdays 4:40pm – 5:30pm

CRN: 46812



**Course Description:** Through an introspective look at your relationship to nature and through your classmates, we will learn about the depths of the human connection to the natural world. Outdoor recreation is the re-creation of the body, mind, and spirit through outdoor activities in nature. Activities can be passive or active. The core experience will be over fall break (Oct 15-18), in a private natural setting 4 hours from campus. Limited to 12.

**Professor Information:** I grew up on a farm surrounded by nature on the Duck River near Fly, Tennessee. We will return to my roots as we visit the farm over fall break to experience nature in its many forms. I am an environmental psychologist and focus on the interrelationship between people and nature. I train people to be park rangers and environmental educators in the Department of Forestry, Wildlife, and Fisheries. What fun!

### A Bug's Life

Jerome Grant | jgrant@utk.edu

Meeting Time: Thursdays 3:40pm – 4:55pm

CRN: 46790



**Course Description:** What do you get when you mix bugs, people, food, culture, and movies? The answer can be hilarious, fun, and educational. In this seminar, we will examine insects (more commonly referred to as 'bugs') in television, movies, music, literature, art, religion, and even as food to learn how they have shaped our world, influenced our lives and our culture, and affected our history. The animated movie "A Bug's Life" is one of the most popular movies about insects. Other movies and television shows, such as "Fear Factor," "Men in Black," "Starship Troopers," and "X-Files," have fed upon our phobia with insects - more commonly known as 'bugs.' This hands-on (yes, hands-on!) approach will allow you to get up close and personal with insects; you will help to organize and conduct a Cricket Spittin' Contest, an Insect Zoo, and even an Insect Smorgasbord, where bugs are the main menu item (let the eating begin!)! You also will be director, writer, or actor in group YouTube videos examining human reactions to bugs. Your bug journey will even take you into an active bee hive! Fear is not a factor with bugs.

**Professor Information:** I am a Professor of Entomology, receiving a B.A. in Biology from Berea College (Kentucky), M.S. in Entomology from the University of Kentucky, and Ph.D. from Clemson University (South Carolina). Since growing up as a child in eastern Tennessee, I have been fascinated with the beauty and intrigue that insects provide in our world. I am active in outreach programs with kids

and adults of all ages, where I can share the wild, wonderful world of insects with anyone who will listen. Visit my website to learn more about my research and teaching programs:

[http://eppserver.ag.utk.edu/personnel/Grant/LAB\\_PAGE/home.htm](http://eppserver.ag.utk.edu/personnel/Grant/LAB_PAGE/home.htm)

## Social and Political Fears Expressed in 50s and 60s Science Fiction Movies

Robert Trigiano | rtrigian@utk.edu

Meeting Time: Wednesdays 5:45pm – 7:35pm

CRN: 46817



**Course Description:** The era after World War II ushered in social and political issues and changes that were ultimately expressed in science fiction movies made in the 50s and 60s. Concerns ranged from nuclear testing and war to rapidly advancing technology that threatened the status quo of everyday and idyllic life. Join us for eight science fiction films that explore these issues. These are original films, mostly in black and white photography, and are considered far superior to recently released remakes.

**Professor Information:** I study molecular genetics of plants and fungi, but I'm a science fiction nerd at heart. I've watched science fiction movies since I was very young and have come to understand that the films often reflect attitudes, fears and hopes of the times. We have a great line-up of eight original films, each with its own special message.

# College of Architecture and Design

## Interior Design

## Mischief-makers and Rabble-rousers: How to be a Design Activist

Liz Teston | eteston@utk.edu

Meeting Time: Tuesdays 9:40pm – 10:55pm

CRN: 46811



**Course Description:** Activism is an essential part of design. We see a problem, design a solution, and intervene to make it better. We make mischief and rabble-rouse. We are design activists and active participants in our built environment. This seminar will introduce ways to observe our campus with fresh eyes. We will engage our surroundings by designing, building and installing a tangible design solution.

**Professor Information:** Liz Teston is an Assistant Professor in the College of Architecture and Design's interior design program. She holds a Master of Architecture degree from the Georgia Institute of Technology and a Bachelor of Fine Arts in Interior Design from Savannah College of Art and Design. Liz is an NCIDQ certified interior designer with a decade of professional experience. Her current research focuses on the impact of healthy communities, design activism, cultural identity and the everyday in the built environment. She mapped rap lyrics for "A Guide to the Dirty South- Atlanta", a publication she co-edited that examines issues relating to design, pop culture, the everyday.

# College of Arts and Sciences

## Art

### Mind::Games

Cary Staples | staples@utk.edu

Meeting Time: Tuesdays 3:40pm – 4:55pm

CRN: 46810



**Course Description:** Playing games to change your mind! Exploring the use of games to provoke thought and encourage discussion. Each week we will design, play and comment on a new game experience designed to entertain, educate and challenge our perspective as global citizens.

“Books are good at telling us things. Lectures are good at telling us things. You are not making a book or a lecture. You are making a game. Games are good at showing us things.”

-Jesse Schell, game designer

Exploring the use of video games as media to create a complex, immersive environment to provoke thought and encourage discussion. Each week students will play, critique and comment on a new video game designed to entertain, educate and challenge our perspective as global citizens.

**Professor Information:** Professor Staples teaches Design in the School of Art. Her curiosity has led her to work on interdisciplinary projects with physics, english, astronomy, biology, engineering, and music, especially opera. She is currently working on research

project with her undergraduate students to develop a game to support the French 111 classes.

## Earth and Planetary Sciences

### Restoring Nature

Michael Mckinney | mmckinne@utk.edu

Meeting Time: Thursdays 12:40pm – 1:55pm

CRN: 46815



**Course Description:** This course will focus on experiencing positive actions that are being taken to reduce or repair the human impact on the natural environment. We will take brief trips to see firsthand how this is being done at localities near UT. This will include trips to: a restored mining quarry (Ijams Nature Center), a solar power station (Ijams Nature Center), an urban creek (Second Creek), a composting facility, and a recycling facility downtown. Several guest speakers from the sustainability community will visit including the UT Sustainability manager, the UT recycling coordinator and leaders from UT student environmental groups.

**Professor Information:** I have been at UT for 30 years. I am Director of the Environmental Studies Program and Sustainability major. I advise the student environmental club, SPEAK. I enjoy hiking and spending time in wilderness areas, and have written many articles and books about environmental topics.

## Ecology and Evolutionary Biology

### Adventure Science

Benjamin Fitzpatrick | benfitz@utk.edu  
Meeting Time: Monday 10:10am – 11:00am  
CRN: 46792



**Course Description:** Adventure is the pursuit of unusual, exciting, and often hazardous experience. It usually involves exploration of the unknown. Science is also a quest for knowledge of the unknown. Adventure has often served science, from ancient explorers to modern space science. Science also serves adventure through forensics, search and rescue, and gear technology. We will explore the relationship between science and adventure through reading, discussion, and optional field trips.

**Professor Information:** I am a biologist with special interest in the ecology and evolution of animals. My research often takes me into mountains, caves, and rivers.

## Modern Foreign Languages and Literatures

### Gaming and/as Learning

Sébastien Dubreil | sd@utk.edu  
Meeting Time: Tuesdays 2:10pm – 3:25pm  
CRN: 46803



**Course Description:** This course will examine what makes games, and video games in particular, such effective learning tools. We will take a close look at game design as well as principles

of gaming to envision how we could redesign classrooms and courses to construct more effective learning environments.

**Professor Information:** Sébastien Dubreil is an Associate Professor of French, Francophone Studies, and Applied Linguistics in the Department of Modern Foreign Languages and Literatures. His primary research interest is in Computer-Assisted Language Learning (CALL) and the teaching of culture. He recently participated in the OIT mobile learning pilot project and was appointed the 2014-2015 OIT Faculty Fellow. He is currently interested in investigating what educators can learn from games to amplify what they do in the classroom and has been involved in designing a couple of place-based mobile games.

## Sociology

### American Protest Music

Scott Frey | rfrey2@utk.edu  
Meeting Time: Thursdays 2:10pm – 3:25pm  
CRN: 46795



**Course Description:** American protest music addresses poverty and inequality, racism, sexism, homophobia, other forms of intolerance, environmental problems, and war in its efforts to promote social justice. Whether it is Billie Holiday addressing lynching, Woody Guthrie lamenting about the Dust Bowl, or Rage Against the Machine, Green Day and Bruce Springsteen commenting on war and economic injustice, American protest songs reveal and explore the social tensions in American society at specific points in time. Attention centers on over thirty important protest songs that define the period from the Great Depression of the 1930s to the present. Songs will be reviewed in terms of content and what they reveal

about their time and larger social tensions in the American experience.

**Professor Information:** Scott Frey is a Professor of Sociology and Co-director of the Center for the Study of Social Justice at the University of Tennessee. His areas of interest are environmental sociology, development and globalization, and comparative/historical sociology. He has contributed chapters to recent books on environmental issues and he has published in numerous periodicals. He is currently preparing a book on the globalization of health, safety, and environmental risks with a focus on Asia.

## Sociology and Science Fiction Films: Artificial Intelligence

Harry F. Dahms | hdahms@utk.edu

Meeting Time: Thursdays 2:10pm – 3:25pm

CRN: 46819



**Course Description:** Science-fiction film as an art-form and a type of entertainment (a genre) experiments with visions of alternative and future societies, and presents mind-games (thought experiments) about what could be, what should be, what might be, and/or what will be. Focusing on films, we will examine how the various sub-genres of science fiction relate to themes that sociologists typically have been interested in, and how different types of science-fiction address themes and convey messages relating to future possibilities and threats. On the one hand, the range of sociologically relevant themes in science-fiction is enormous; on the other hand—and this constitutes a very telling paradox—there is a dearth of utopian science fiction, and sociologists rarely deal with either science-fiction or films, or the future, except in a very general sense. We

will focus especially on depictions of possible consequences resulting from artificial intelligence.

**Professor Information:** Ph.D., New School for Social Research, New York, 1993. At University of Tennessee-Knoxville since 2004. Previously taught at Florida State University (1993- 2004), University of Goettingen, Germany (1999-2000), and University of Innsbruck, Austria (2010-13). Interests: classical, contemporary and critical theory, economic sociology, history of ideas, comparative sociology, and sociology and science fiction film (special focus: The Matrix Trilogy). Co-Director of the International Social Theory Consortium since 2008; and Co-Chair of the Committee on Social Theory at University of Tennessee since 2013.

## Political Science

### Harry Potter and Culture

Pat Freeland | pfreelan@utk.edu

Meeting Time: Mondays 2:30pm – 3:20pm

CRN: 46805



**Course Description:** This class examines the cultural components of the Harry Potter series and the Hunger Games. The books and films are wildly popular and have generated considerable speculation regarding their societal impact. A number of Harry Potter college classes are now offered and the Harry Potter books have been the subject of a considerable number of books and scholarly articles. I suspect the same will be true of the Hunger Games books. While there is disagreement in the literature regarding the cultural impact of these series, few would argue that interest in Harry Potter and the Hunger Games will be short lived.

**Professor Information:** Patricia Freeland is a professor of Political Science. She teaches and conducts research in American politics, public policy and public administration.

## American Public Policy on TV

David Houston | [dhouston@utk.edu](mailto:dhouston@utk.edu)

Meeting Time: Thursdays 3:40pm – 4:55pm

CRN: 46796



**Course Description:** What are the arguments on competing sides of policy debates? Who are the official and unofficial actors in government? We will use the hit television series “The West Wing” to illustrate some of the contemporary controversies over public policy. Watch as the Bartlett Administration engages and battles Congress, interest groups, religious leaders, and public opinion to craft effective and politically acceptable public policy. Among the issues we will see President Bartlett and his staff wrestle with are: hate crimes, the death penalty, school prayer, immigration, and even eliminating the penny from U.S. currency and the shape of the world map.

**Professor Information:** I have been teaching courses and conducting research on public policy and public administration for over 25 years. Among the questions that have directed my teaching and research is: what shapes the policies that are formally adopted by government? I have focused on the importance of how an issue is framed and how the targets of policy are portrayed as being keys to policy formation.

## Geography



## Cities through Cinema

Ron Kalafsky | [kalafsky@utk.edu](mailto:kalafsky@utk.edu)

Meeting Time: First Session Tuesdays/Thursday

11:10am – 12:25pm

CRN: 46840

**Course Description:** Films have been used to portray cities across myriad landscapes (e.g. cultural, economic, and social). Consequently, they provide insights into how filmmakers and the general public have viewed cities throughout history. In this course, we will use popular and independent films to explore cities, their dynamics, and their representation across different time periods, using examples from New York and Los Angeles, but also exploring world cities such as London and Hong Kong through film.

**Professor Information:** Ron Kalafsky is an associate professor in the Department of Geography. He teaches classes on economic geography and the geography of East Asia, and his research focuses on international trade and industrial location in Japan, Hong Kong, Canada, and the Southern United States.

## Animal Ethics

Todd Freeberg | [tfreeber@utk.edu](mailto:tfreeber@utk.edu)

Meeting Time: Tuesdays 12:40pm – 1:55pm

CRN: 46797

**Course Description:** We as humans use non-human animals in a wide variety of ways, including as pets, workers,

## Psychology



entertainment, food, and research subjects. This section of FYS 129 will focus on key ethical issues that arise in our use of animals. Topics for discussion will be largely chosen based upon students' interests.

**Professor Information:** Todd Freeberg is an Associate Professor in the Department of Psychology, and an adjunct faculty member in the Department of Ecology & Evolutionary Biology. His research area in animal behavior, with a focus on the ways in which animals communicate with one another. He has served on the university's Institutional Animal Care and Use Committee and was a chairperson of the Animal Behavior Society's Animal Care Committee.

## Theatre



### Video Projection Mapping

Joe Payne | jpayne@utk.edu  
Meeting Time: First Session  
Mondays/Wednesdays 3:35pm – 4:25pm  
CRN: 46793

**Course Description:** An introduction to digital media integration with a live performance. Through examples, demonstrations, and discussion, see how artists around the globe “Map” video and digital imagery to surfaces, and interact with projected content. Be introduced to the software, hardware, and methodologies of this electrifying art form.

**Professor Information:** Joe Payne teaches Projection Design, Sound Design, and Digital Media for the Department of Theatre. He has 20 years of professional experience designing for theatre companies throughout the United States. Recent projects include Spamalot,

Threepenny Opera, and A Christmas Carol for the Clarence Brown Theatre and the UK tour of the pop act WRENNE.

### Meditation for Academic Success

Kenton Yeager | kyeager2@utk.edu  
Meeting Time: Fridays 9:05am – 9:55am  
CRN: 46809



**Course Description:** There are a multitude of studies showing increased academic performance as a result of practicing meditation techniques. This course will explore a variety of meditation and visualization techniques from multiple cultures, including styles from India, China, Japan, and Tibet. This cross cultural look at diverse mind focusing techniques is designed to help the student find what style works for their individual needs and interests. The course will emphasize the utilization of these practices to increase academic performance, boost personal peace and generate a happier life.

**Professor Information:** Kenton Yeager is a tenured professor and the head of the Graduate Lighting Design Program in the Department of Theatre. He has been involved in visualization/meditation/mindfulness techniques, the martial arts, and eastern philosophy for the past 35 years and is currently the Director of Teacher Training for The American Meditation Society.

## Music

### Jazzing it up Around the World!

Miroslav Hristov | hristov@utk.edu

Meeting Time: Wednesdays 2:30pm – 3:20pm

CRN: 49882



**Course Description:** In the early 20th-century, African-American musicians gave birth to one of the world's most beloved musical genre, jazz. Even in the United States, jazz forms have always been greatly varied, and include many sub-genres such as ragtime, blues, big band, swing, and others. It is no wonder that the rest of the world has adopted this complex, yet universally appealing musical style to create new and exciting musical idioms such as bossa nova (Brazil), Latin jazz, Humppa (Finland), and Manila Sounds (Philippines). In this course, we'll discover these diverse forms of jazz from around the world by listening to the music, and learning about the artists behind them.

**Professor Information:** Violinist Miroslav Hristov was hailed by Fanfare Magazine for his "razor-sharp technique" and "a full palette of tonal colors." He regularly performs in international festivals and concert series, including Carnegie Hall's Musical Treasures Series, the Sofia Music Weeks International Festival, and Puerto Rico's International Violin Festival. First prizewinner of the International Violin Competition "Dobrin Petkov," he has recorded for Centaur, Romeo, and the Divine Arts record labels. His teaching awards include the Tennessee Music Teachers Association Teacher of the Year, the Tennessee Governor's School for the Arts Outstanding Teacher Award, and the UT Faculty Distinguished Teaching Award. Dr. Hristov likes to spend his free time listening to good music, eating exotic foods, and drinking fine wine.

## Physics and Astronomy

### ABC of Particle Physics

Yuri Kamyshkov | kamyshko@utk.edu

Meeting Time: Wednesdays 9:05am – 9:55am

CRN: 46791



**Course Description:** Seminar for discussion of outstanding and unresolved questions in the field of fundamental sub-atomic particles and cosmology for interested students who would like to know what is not yet discovered in nature and where it is possible to contribute to the science in the future. No previous math or physics background is required. No complicated math concepts will be used beyond simple algebra. Students are encouraged to learn by asking questions.

Discussion topics:

- (1) Questions to Nature. 4 known forces of Nature
- (2) Are there additional forces of Nature?
- (3) We live in 4-dimensional space-time
- (4) Are there additional dimensions?
- (5) How particles interact
- (6) Symmetries of Nature
- (7) Why it was important to discover Higgs?
- (8) What is Dark Matter?
- (9) Matter and Anti-matter
- (10) Can Dark Matter be the Mirror Matter?
- (11) How neutrinos oscillate?
- (12) Is matter stable and the diamonds are forever?
- (13) How we learn about new particles, forces, dimensions?
- (14) Scientific method for understanding the truth of Nature as alternative to other methods.

**Professor Information:** Received PhD from the Institute for Theoretical and Experimental Physics, Moscow, USSR. Worked in particle physics experiments at accelerators and colliders at CERN, Serpukhov, SLAC, Fermilab and in underground laboratories Kamioka in Japan and Chooz in France. Presently works on neutrino oscillations, matter to antimatter transformation, and search for Dark and Mirror Matter.

## College of Business Administration

### Business Analytics and Statistics

#### The Question of God

Robert Mee | [rmee@utk.edu](mailto:rmee@utk.edu)

Meeting Time: Wednesdays 12:20pm – 1:10pm

CRN: 46820



**Course Description:** This seminar compares two different worldviews: the secular skepticism of Sigmund Freud and the religious belief of C. S. Lewis. Our primary text is Armand Nicholi's book, *The Question of God*, which compares the lives and writings of Freud and Lewis. We will also read Freud's *The Future of an Illusion* and Lewis's *Mere Christianity*. A PBS documentary featuring Nicholi and other Freud and Lewis experts provides an engaging introduction to these influential thinkers.

**Professor Information:** Robert Mee is a professor of Business Analytics and a former department head, with expertise in experimental design. In addition to exploring arguments for

different world views, he particularly enjoys views from mountain tops!

## College of Communication and Information

### Journalism and Electronic Media

#### Fast and Furious: The Robin Hoods of Modern Times

Michael Martinez | [mtmartinez@utk.edu](mailto:mtmartinez@utk.edu)

Meeting Time: First Session Wednesdays 1:25pm  
– 3:20pm

CRN: 46841



**Course Description:** If you are a "gear head," this class is for you. We will watch the "Fast and Furious" movies, including "Fast and Furious 7" that was released in April, and discuss how they relate to society. Can "bad guys" have a code of honor that they will not cross? Can "bad guys" do good things? Can an "outlaw" be a hero? How important is family? We will discuss the ramifications to society.

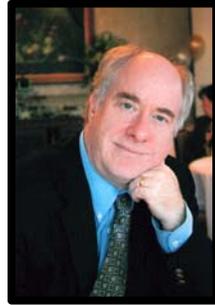
**Professor Information:** Dr. Michael T. Martinez is an assistant professor in the School of Journalism and Electronic Media. He teaches media law, media ethics and sports reporting. He spent 26 years working as a journalist before joining the academy. In his spare time, he is a closet "gear head" growing up in the muscle car era and is not afraid to get his hands greasy.

## How to Argue

Mark Harmon | mdharmon@utk.edu

Meeting Time: Wednesdays 2:30pm – 3:20pm

CRN: 46807



**Course Description:** Not all arguments are created equal. Some are strong and persuasive. Some are weak or even deceptive. Students will learn how to make and how to counter arguments, practicing on each other and on the published or presented arguments from others.

**Professor Information:** Dr. Mark Harmon teaches courses in journalism and broadcasting. He has worked as a broadcast news reporter and producer, a newspaper columnist, and from 2006 to 2010 was elected a Knox County Commissioner.

## Radio and TV Sportscasting

Norman Swan | samswan@utk.edu

Meeting Time: First Session Wednesdays 1:25pm – 3:20pm

CRN: 46842



**Course Description:** Students will learn about radio and television sportscasting in a hands-on class providing experiences in delivering radio and TV sportscasts utilizing the facilities of WUTK-FM and the studios of the Center for Video and Photography. Local sportscasters will speak to students. We will also tour local stations. Learn more about opportunities to gain experience in Radio and TV Sports including the SEC Network.

**Professor Information:** Dr. Swan has more than 40 years' experience in broadcasting. For the past 30 years he has served as a professor in the School of Journalism and Electronic Media. He initiated and taught the first course on sports broadcasting at UT and taught it for more than 20 years. Dr. Swan's early career included radio and TV sportscasting for stations in Missouri where he did high school and college play by play of football and basketball. He now teaches TV News and Sports Reporting and Advanced TV News and Sports Reporting and Producing at UT.

## College of Education, Health, and Human Sciences

### Theory and Practice in Teacher Education

## Truth, Justice, and Superheroes

Stergios Botzakis | sbotzaki@utk.edu

Meeting Time: First Session Tuesdays/Thursdays

2:10pm – 3:25pm

CRN: 26364



**Course Description:** If you have been to a movie theater or bookstore lately you probably have noticed that there has been an explosion in interest in superheroes. Comic books, graphic novels, and movies use combinations of words and images to convey meaning, and they often focus on crime, heroes, punishment, and the concept of justice. In this class we will be reading, discussing, and doing activities with a number of graphic novels and movies, including Watchmen, Batman, X-Men, Identity Crisis, and Spider-Man.

**Professor Information:** Dr. Stergios Botzakis is an associate professor of adolescent literacy in the Theory and Practice in Teacher Education Department at The University of Tennessee. He received his doctorate from the University of Georgia in 2006, and prior to that he spent five years teaching middle school reading, English, and study skills in Baltimore and the Boston area. His research interests include secondary education, popular culture, and media literacy.

## Global Warming: Science vs. the Media

Barry Golden | bwgolden@utk.edu

Meeting Time: First Session Mondays/Wednesday

9:05am – 9:55am

CRN: 49888



**Course Description:** If you have wondered whether or not there is a mismatch between what scientists think about climate change versus what we see and hear in the media, then this is the course for you! We will examine very current scientific data relevant to climate change, according to leading climate researchers. We will then compare/contrast those understandings with the portrayals of climate change/global warming as seen in various aspects of the media, including television news, movies such as "The Day after Tomorrow" and "An Inconvenient Truth", various internet sites, and more. Finally, we will ask tough questions, including: "What accounts for these disconnects?"; and "Why are various groups taking the positions that they do?" The only requirement is a curious mind and a willingness to engage in fun conversations around subjects that some find controversial!

**Professor Information:** Dr. Barry Golden is an assistant professor of science education. His research focuses on understanding how middle and high school students come to learn about complicated scientific topics like climate change.

## Diet and Body Health

Guoxun Chen | gchen6@utk.edu

Meeting Time: Wednesdays 3:35pm – 4:25pm

CRN: 46801

## Nutrition



**Course Description:** Some people maintain an ideal body shape, whereas others struggle to lose several pounds to keep a healthy body weight. What could be the reasons for two thirds of the current population to be overweight and obese is a concern of public health. The nutritional, genetic, dietary, cultural, environmental, metabolic, and behavioral factors all have been thought individually or together to contribute to the obesity epidemic. In this one credit hour course, you will learn conceptual mechanisms that link these factors to your health. You will listen to lectures, watch movies, and discuss your own opinions with your classmates and the instructor about the origin, prevention, and treatment of this nutrition and public health problem.

**Professor Information:** Currently, Dr. Guoxun Chen is an associate professor in the Department of Nutrition at the University of Tennessee at Knoxville. Dr. Chen got his Ph.D degree and postdoctoral training at the University of Texas Southwestern Medical Center at Dallas, where he had conducted research projects related to obesity and diabetes for 11 years. After he finished his postdoctoral training in the lab of Nobel Laureates, Drs. Michael Brown and Joseph Goldstein, he became a faculty member in the

Department of Nutrition at UTK in 2006. Since then, Dr. Chen has been investigating the roles of vitamin A in the development of obesity, and in the control of glucose and lipid metabolism in health and disease conditions.

## Educational Psychology and Counseling

### Bought & Sold: Buying and Selling Online

Joel Diambra | [jdiambra@utk.edu](mailto:jdiambra@utk.edu)

Meeting Time: Mondays 11:15am – 12:05pm

CRN: 46798



**Course Description:** The global marketplace is literally at our fingertips; online classifieds and online auction sites allow us to purchase or sell virtually ANYTHING online. Popular online venues include eBay, Craig's List, Facebook, local/regional online market classifieds, and specialty item auction sites. Buying and selling online has become a hobby for me - finding a good deal, selling items I no longer need, or flipping a purchased item for a profit. In this course, we will explore how you can use these online resources/market places for your benefit.

**Professor Information:** At UTK for 16 years, I currently serve as Associate Department Head, Director of Graduate Studies, and teach mostly graduate level counseling courses in the Department of Educational Psychology and Counseling. I've been married 31 years and have two children - son who just graduated from UTK as a business analytics major and marketing minor and daughter who is a sophomore in Virginia double majoring in dance and recreation and tourism. My family thinks of me as the "cheapest man alive"; I love finding deals (mostly on cars, motorcycles, etc.), using these

items for a while and then flipping them for a profit. In the spirit of combining adventure with being "frugal", our family has visited all 48 contiguous U.S. states, Mexico, and Canada in our pop-up camper.



### Alcohol, Drugs, and the College Student

Jennifer Morrow | [jamorrow@utk.edu](mailto:jamorrow@utk.edu)

Meeting Time: Wednesdays 4:40pm – 5:30pm

CRN: 49881

**Course Description:** Students in the seminar will review common myths and discuss relevant research on the use of alcohol and drugs in the college environment. Students will engage in a variety of activities such as small-group discussion, debates, demonstrations, and presentations throughout the seminar.

**Professor Information:** Dr. Jennifer Ann Morrow is a faculty member in Evaluation, Statistics, and Measurement and has been at the University of Tennessee since 2007. She has conducted numerous projects and evaluation studies investigating college student drinking and drug use as well as conducted evaluation studies of K-12 substance use prevention programs. She loves to travel and is a self-described Starbucks addict.

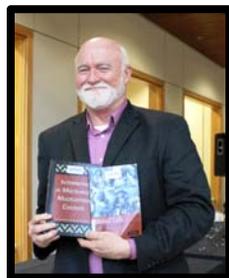
## Theory and Practice in Teacher Education

### American Sign Language Linguistics

Jeffrey Davis | jdavis49@utk.edu

Meeting Time: Wednesdays 6:45pm – 7:35pm

CRN: 46796



**Course Description:** This seminar introduces students to American Sign Language (ASL), the fourth most used language in North America, which is used in the US, Canada, parts of the Caribbean, and US territories. There are as many different sign languages used around the world as there are different countries and cultures. Moreover, sign language is well documented for many North American Indian groups. Traditionally, sign language was used to make communication possible between Native Americans speaking many different languages. Students will be introduced to basic sign language vocabulary and grammar; the cultural diversity of American Deaf communities; and the role of sign language in various professions—such as teaching, interpreting, counseling, law, and medicine. The seminar will feature film vignettes and guest speakers from the field of Deaf Studies and from the local Deaf community.

**Professor Information:** Professor Jeffrey Davis learned sign language as a child, and has worked as a teacher, interpreter, and researcher of sign language for more than three decades. He has written extensively on the subject of sign language linguistics for Oxford, Cambridge, and Gallaudet University Presses, having published over thirty-five research articles and chapters as well as two books.

### Help Me Pass Chemistry

Mehmet Aydeniz | maydeniz@utk.edu

Meeting Time: Thursday 3:40pm – 4:55pm

CRN: 46806



**Course Description:** This course is designed to help students who are taking or planning to take introductory college chemistry. The course is designed to engage students in problem-solving activities and explaining chemical phenomenon through effective strategies. The students will learn about effective learning and problem solving strategies with the assistance of a science education professor.

**Professor Information:** Dr. Aydeniz is an Associate Professor of Science Education at The University of Tennessee. He received his M.S. with a concentration in chemistry in 2001, and his Ph.D. in 2007 from The Florida State University in Science Education. He taught high school chemistry for three years in Orlando, FL before coming to UTK. Dr. Aydeniz conducts research on teacher effectiveness and assessment of student learning.

### Race in the Media

Chonika Coleman-King | ccolem21@utk.edu

Meeting Time: Thursday 9:40am – 10:55am

CRN: 46814



**Course Description:** In this seminar, students will examine media coverage of racial issues, with a specific focus on issues that have occurred over the last few years. We will also examine the role of technology and social media in sharing stories about race and facilitating discussions on race in new ways. As a class, we will examine links between historical and contemporary issues

examined through media such as music, movies and video clips, online articles, books and articles, and social networking sites.

**Professor Information:** Dr. Coleman-King grew up in New York City where her exposure to people from a vast array of backgrounds piqued her interest in issues of race, class, and gender. Dr. Coleman-King formerly worked as an elementary school teacher in the DC metro area and is currently Assistant Professor of Urban-Multicultural Education at the University of Tennessee where she prepares teachers to teach in diverse urban schools. She conducts research on the experiences of Black immigrant and Black American youth in schools and effective strategies for helping new teachers in their development as anti-racist educators.

## Kinesiology, Recreation, and Sport Studies

### Inside Tennessee Athletics

Robin Hardin | robh@utk.edu  
Meeting Time: Wednesdays 11:15am – 12:05pm  
CRN: 46808



**Course Description:** This seminar offers an inside look at collegiate athletics at the University of Tennessee. The role of the NCAA and issues associated with collegiate athletics are examined as well. Emphasis is placed on interacting with athletic department employees and touring athletic department facilities.

**Professor Information:** Dr. Robin Hardin is a professor in the Sport Management program at the University of Tennessee. His research

interests include all areas of intercollegiate athletics with particular attention to consumer behavior, governance, and student-athlete well-being. He also is part of the official statistics team for football, men's basketball, and women's basketball at Tennessee.

### 42: The Rest of the Story

Steven Waller | swaller2@utk.edu  
Meeting Time: First Session Tuesdays/Thursdays  
12:40pm – 1:55pm  
CRN: 49887



**Course Description:** Jackie Robinson and Branch Rickey teamed up to break the color barrier in baseball on April 15, 1947. The implications were profound for baseball and society on the whole in America. This course will critique this event through examining the movie 42: The Jackie Robinson Story. We will examine the impacts on professional sports, the social and cultural climates in the US, and the debt owed to Robinson and Rickey for orchestrating this historical event.

**Professor Information:** Dr. Waller is an associate professor in the sport management program, Department of Kinesiology, Recreation, and Sports Studies. He has published widely in the areas of sport, recreation, and integration of sport and religion. He holds a doctorate from Michigan State University. He also is a contributing author and editor of the book "42: Essays on the Intersection of Race, Class, Spirituality and Sport in the Jackie Robinson Story."

## Child & Family Services

### Sex on Campus

Spencer Olmstead | solmstea@utk.edu

Meeting Time: Monday 12:20pm – 1:10pm

CRN: 46816



**Course Description:** The purpose of this seminar is to promote the sexual health and wellbeing of first year college students through informed and intentional sexual decision making. Classes will focus on college students' romantic and sexual relationships and will cover several topics, including: sexual decision making, committed and casual sexual relationships (hookups, friends with benefits, and booty calls), prophylactics and contraception, sexually transmitted infections, the process of sexual consent, the college drinking culture, and more. Teaching includes a variety of activities, discussions, videos/multimedia, and guest visitors with expertise on sexual health.

**Professor Information:** Dr. Olmstead has taught a class on human sexuality over the course of several years at UT. His research expertise focuses on men's sexual and reproductive health and fathering. He has recently taught seminar courses on developing healthy romantic relationships and is the faculty advisor for the University of Tennessee Council on Family Relations (UTKCFR).

## College of Engineering

### Electrical Engineering and Computer Science

### Can a Robot Have a Mind?

Bruce MacLennan | maclennan@utk.edu

Meeting Time: Fridays 2:30pm – 3:20pm

CRN: 46899



**Course Description:** Suppose we could make a robot with the intelligence of a human. Would it be conscious? Feel emotions? Have free will? How could you tell? In this seminar we will look at these questions carefully and discuss how they could be answered. In the process of investigating the robot question, we will get a deeper understanding of our own minds. We will also view some videos of recent sociable robots.

**Professor Information:** Bruce MacLennan is an Associate Professor in the Department of Electrical Engineering and Computer Science. His research focuses on artificial intelligence, artificial life, and nanotechnology.

### Free Musical Improvisation

David Keffer | dkeffer@utk.edu

Meeting Time: Fridays 1:25pm – 2:15pm

CRN: 46802



**Course Description:** This seminar examines both the motivations for and expressions of creativity in unconventional directions as present in freely improvised music. The first purpose of the course is to introduce students to the music and musicians of free

improvisation, across and between genres, and artists including Derek Bailey, Pauline Oliveros, Keiji Haino, Peter Brötzmann, Anthony Braxton, Cecil Taylor, John Zorn, Nicole Mitchell and many others. The second purpose of the course is to think critically about what drives practitioners of free improvisation to abandon the more conventional expressions of creativity (and therefore all hopes of broad appeal and/or significant commercial gain) in exchange for an “undiluted” artistic vision in the cultural margin. We will also discuss relevant topics such as social forces that led to non-idiomatic improvisation, the esthetic limits of music, the development of an ear for “difficult” music, the validity of various measures of success or merit, where popularity is largely irrelevant, and the essential presence of failure in experimental art forms. Hands-on experimentation with idiophonic instruments is part of the course.

**Professor Information:** David Keffer is a professor in the Department of Materials Science and Engineering, where he uses molecular simulation to understand structure/property relationships in nanostructured materials. He is also an avid student of non-idiomatic improvisation. Since 1995, he has maintained “An Unofficial Keiji Haino Website”. He has also built his own version of Hans Reichel’s daxophone.

## Libraries

### Libraries

### OUT@UT

Dona Braquet | [dbraquet@utk.edu](mailto:dbraquet@utk.edu)  
Meeting Time: Monday 1:25pm – 2:15pm  
CRN: 46813



**Course Description:** Calling all LGBTQQIA students and their allies! In this seminar we will discuss issues of identity, equality, and social justice. Students will learn about LGBTQQIA issues at UT, in Knoxville, the southeast, and the U.S. Assignments will be interactive and will include service learning components. Sign up to learn about the civil rights issues of your generation.

**Professor Information:** Donna Braquet is the director of the OUTREACH CENTER, UT's LGBTQQIA & Ally Center. She works to make sure that every student knows that they belong here at UT. She is also the biology librarian at Hodges Library. She is very excited about the possibility of nationwide marriage equality-- something that she never thought would happen in her lifetime! Want to know more? Read this brief Daily Beacon article, <http://utdailybeacon.com/news/2015/jan/29/outreach-center-director-embraces-identity-mentors/>.