

# 2016 Classes Without Quizzes

## Class Guide and Schedule

### Session 1 (9:30-10:20 a.m.)

#### 1A: Hearing Movies

**Fred Cohen**  
**Director**  
**School of Music and Dance**

Films achieve their effects with sound as well as images. "Hearing Movies" asks participants to consider music in the context of the whole soundtrack; that is, in conjunction with sound effects and dialogue.

#### 1B: Packaging Cannabis for Amateurs

**Fritz Yambrach**  
**Professor - Packaging**  
**College of Applied Sciences and Arts**

Learn about product considerations, consumer considerations, materials and package designs for packaging cannabis.

#### 1C: Campus History Walking Tour

**Annette Nellen**  
**Professor**  
**Lucas College of Business**

Take a tour of the campus to learn about how SJSU came to be in San Jose, the history of some of the buildings, famous alums, important campus events, and how the university has impacted the state and education in its history.

#### 1D: Stationary Taichi

**Gong Chen**  
**Professor - Kinesiology**  
**College of Applied Sciences and Arts**

Learn the benefits of Taichi and experience stationary Taichi forms with breathing and meditation in this hands-on session.

#### 1E: Secure your World

**Timothy Daszko**  
**Senior Special Investigator**

Focus on prevention methods to secure the world around you from crime, threat, and the negative aspects on your life.

# 1F: A Living Legacy: Innovation at the California State Normal School, 1862- present

**Mary Okin**

**Graduate Student**

**College of Humanities and the Arts, Department of Art and Art History**

From its inception, San José State University has been an instigator for social change. In the aftermath of the Gold Rush, California was a raucous and somewhat lawless place. Yet among these early years of statehood, some American settlers cared a great deal about civic responsibility and even more specifically about public education. While mobs strung up criminals, a group of dedicated citizens took a historic turn. They fought for the appropriation of monies to establish a public fund for education that included hiring excellent teachers and providing free common schools for every eligible child. The first State Normal School, which eventually became San José State University, symbolized the culmination of over a decade of hard work by individuals who believed that California should make an everlasting commitment to free public education. Its establishment represented the first Pacific victory for the State Normal School movement already happening in a number of Eastern states. Minns' Evening Normal School (1857) and its evolution into the State Normal School (1862) began training generations of working class and immigrant students, the majority of them women, to become common school teachers. In doing so, the State Normal School became instrumental in the development of a comprehensive system of public education in California, at a time when interest in education was second to other concerns in the new state. The experimental institution was a profound success and has grown to become the California State University system.

## [Session 2 \(10:30-11:20 a.m.\)](#)

### **2A: Campus Tour**

#### **SJSU Official Campus Tour Guides**

What's new on campus? We're currently building and upgrading campus spaces! See what's changed since you were a student on this walking tour.

### **2B: Everyone Can Sing!**

#### **Layna Chianakas**

#### **Associate Professor of Voice**

#### **Director of Opera Theatre, School of Music and Dance**

This class is for anyone who sings, wishes he or she could sing, or has been told he or she has a nice voice. Learn the basics of vocal technique and sing a solo by the end of the class!

### **2C: Fires, Floods, Faults, Flu and Fanatics**

#### **Frannie Edwards**

#### **Director**

#### **MPA Program, Political Science**

Learn about the threats to Silicon Valley - natural, technological and human caused - with information on the cause, methods for prevention and steps for mitigation. Handouts will include practical home and personal preparedness steps that participants can take with them.

### **2D: Polls and Politics in the 2016 Primaries**

#### **Melinda Jackson**

#### **Associate Professor**

#### **Social Sciences/Political Science**

Has the 2016 presidential race left your head spinning? This class will discuss and analyze the 2016 presidential primary season to date, with special emphasis on the roles of candidates, issues, polls, and campaign funding. Details of the electoral process, and things to watch for as the campaign moves into the general election phase will also be discussed.

### **2E: Classification with Handwritten Digits**

#### **Guangliang Chen**

#### **Associate Professor**

#### **College of Science**

Handwritten digits recognition is encountered in many practical tasks such as automated check deposits, license plate identification, and automatic mail assortment (based on zip codes). It is a machine learning classification problem, often solved based on a training

set of examples with known labels from which a generalization rule is learned. In this class we will introduce several classification algorithms from the literature and demonstrate their performance on a large collection (70,000) of images of handwritten digits. This workshop is based on an experimental course that is currently taught at SJSU: Math 285 Classification with Handwritten Digits; for more information please visit the course webpage: <http://www.math.sjsu.edu/~gchen/Math285S16.html>.

## 2F: Brain Myth Busters

**Valerie Carr**

**Assistant Professor - Psychology**

**College of Social Sciences**

"You only use 10% of your brain". We've all heard this statement before, but is it fact or fiction? The human brain is an incredibly complex organ, and it's no surprise that it fascinates every one of us. But can you really believe everything you read? In this class, we'll explore popular brain trivia and get to the bottom of what's fact and what's fiction.

## [Session 3 \(11:30 a.m.-12:20 p.m.\)](#)

### **3A: Earthquake Proof Your Life**

**Kurt McMullin**

**Professor - Civil & Environmental Engineering**

**Davidson College of Engineering**

Earthquake preparedness takes on many forms. This talk will deal with the civil and structural engineering approaches, from retrofitting your home or work space to being aware of tsunami and landslide risks. The presentation will include points learned over the speakers 30 years of earthquake engineering research, from both a quantitative science perspective and a societal policy view. Come learn some of the terminology, the research here at SJSU, and the facts that will put you in the driver seat of reducing the risk of the next Big One.

### **3B: Threats to Public Health: Global and Local**

**Miranda Worthen**

**Assistant Professor - Health Science & Recreation**

**College of Applied Sciences and Arts**

From water contamination in Flint to the Zika virus in the Americas to Meningitis next-door at Santa Clara University, we will discuss current challenges to public health and what is being done about them. Learn how epidemiologists are studying these new and emerging problems locally, nationally, and globally.

### **3C: Beer Appreciation**

**Dr. Kate Sullivan**

**Professor - Hospitality Management**

**College of Applied Sciences and Arts**

The beer industry has blossomed! This class traces the origins of beer, how it is brewed, and how to appreciate it! This class will help you understand beer through identification of color, aroma, style and flavor. The business of beer will also be discussed with tips on buying, food pairing, and serving beer. The final section will "top it all off" with tastings!

### **3D: Veterans Embracing Transition (VET) at SJSU**

**Elena Klaw**

**Professor - Psychology**

**College of Social Sciences**

**KaChun Li, Alumni**

**Jemerson Diaz, Student**

As American troops withdraw from conflicts in Iraq and Afghanistan, thousands of veterans are returning to civilian society and are initiating or resuming education. Currently, over one million veterans are receiving GI benefits to pursue higher education. Attaining a degree, however, is not assured. National statistics reveal that student veterans are less likely to be engaged in college, are less satisfied with their college experience and are at greater risk of drop-out compared to their non-military peers (O'Rourke, 2013; Radford, 2009). Veterans are more likely to report experiencing a range of difficulties that compromise educational and achievement, including trauma, depression, anxiety, substance abuse, partner conflict, and violence (Klaw, Demers, & DaSilva, 2014; Savitsky, Illingworth, & DuLaney, 2009). Fully 40% of college student veterans report experience a mental or physical disability (Grossman,

2009). Drawing upon our team's quantitative and qualitative findings (2014; in press) revealing that that a third of student veteran respondents on California campuses endorsed having both low social support and symptoms of clinical distress and that veterans on our campus felt alone and missed being part of something bigger than themselves, the Veterans Embracing Transition (VET) Connect Peer Leadership Program was created to help bridge the gap between military service and veterans' new role as college students preparing for the civilian work world. Using a grounded theory approach, preliminary qualitative findings suggest that the program effectively reduces isolation and despair by providing an opportunity for veterans to translate their sense of duty, mission, and team orientation to serving fellow students.

## **3E: Leonardo da Vinci's Notebooks: Drawing as Information Technology**

**Christy Junkerman**  
**Lecturer, Art and Art History**

In addition to their vast interest for the history of art, Leonardo da Vinci's notebooks provide a remarkable glimpse of his painstaking efforts to make of the practice of drawing a true information technology. The notebooks are full of fascinating examples of his search to find ways to preserve and communicate to others the results of his wide-ranging research into such things as the inner workings of the human body, natural and mechanical motion and growth, the flight of birds. The notebooks are fascinating both intellectually and for the sheer beauty of the drawing.

## **3F: Masculinity of Terrorist/ Mass Shooter Discourses**

**Shahin Gerami**  
**Professor**  
**College of Social Sciences**

Media reports of the explosion at the 2013 Boston Marathon that killed four people reverberated with the now-familiar reference to a "terrorist attack," 9/11, terrorist groups, suspected chemicals, and a suspicious "Saudi national" running from the scene. In the previous year, a young white male sprayed gunfire in a movie theater in Aurora, Colorado, killing twelve people. In this incident, news reports referenced "a rampage", "random", "Batman", and the "black-clad gunman". While both tragedies resulted in the deaths of innocent people, their framing by the media could not be more different. This class is an interactive discussion of comparing the popular "framing" of terrorism in U.S. news media with that of lone mass shooters.