

## CATALOG DESCRIPTION

Exploration of the history and philosophy of the administration of justice system in America including the intricate workings of the police, the courts and corrections systems. Focus is placed on examining crime measurement, theoretical explanations of crime, responses to crime, punishment, components of the system and the current challenges to the system. Students are introduced to the origins and development of criminal law, legal process and sentencing, incarceration policies and ethics in the administration of justice field.

This course is offered online.

CSU  
GE

GE

MJC-GE  
Area B

CSU-GE  
Area D

IGETC  
Area 4

OTHER

C-ID: AJ 110

PATTERNS



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Ethical Judgement and decision-making
- Application of legal principles to the US Criminal Justice System

This course will teach students about the foundations of the U.S. legal system, the structure of law enforcement/courts/corrections. This course will benefit students of all majors by allowing for a thorough understanding of where our laws originated, how policing works, the function of the courts, and the roles, duties, and responsibilities of jails and prisons

Greg Hausmann

hausmanng@mjc.edu

x6814

## CATALOG DESCRIPTION

Cultural anthropology examines the broad conditions and experiences of being human through the lens of culture and the difference it makes. This course introduces the methods, theories and insights of cultural anthropology and their application to life in a multicultural society. Topics include, but are not limited to: The research and analysis of culture and cultural processes; cross-cultural comparisons of subsistence patterns, economics, kinship, gender, language, sexuality, political organization, belief systems, and expressive culture; the production of social identities and inequalities; and, cultural change in an interconnected world affected by colonization and globalization. Recommended for people who travel internationally.

This course is offered online.



**GE**  
MJC-GE  
Area B  
CSU-GE  
Area D  
IGETC  
Area 4  
**PATTERNS**

**OTHER**  
C-ID: ANTH 120

## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Critical thinking/analytical reasoning
- Global/Intercultural Fluency

This course fulfills the GELO requirement to demonstrate proficiency in the Social and Behavioral Sciences. The methods of inquiry used by the social and behavioral sciences are explored, focusing on practical application of the ethnographic field research methods for studying and critically evaluating cross-cultural qualitative and quantitative data.

Andrew Hayes    hayesa@yosemite.edu    x6552

## CATALOG DESCRIPTION

Linguistic anthropology examines the relationship between language and the human condition. This course introduces the methods, theories and insights of linguistic anthropology, addressing questions of how, what, when, where, why and with whom we communicate. Three main areas of linguistic anthropology are examined: structural linguistics, including phonology, morphology, the study of syntax and the biocultural basis of language; historical linguistics, including language origins and evolution, language families and dialects, and language change; and, sociolinguistics, including the relationship between culture and language, language use in social context(s), language acquisition, language loss and conservation, and the connections between language, power and identity.

CSU  
GE

CSU  
GE

GE

MJC-GE  
Area B, C

CSU-GE  
Area C2, D

IGETC  
Area 3B, 4

### OTHER

C-ID: ANTH 130

Only offered Fall  
semesters

PATTERNS



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Can evaluate, analyze, and synthesize information from many sources
- Global/Intercultural Fluency

This course fulfills the GELO requirement to demonstrate proficiency in language and rationality by teaching students to think critically about the production and analysis of communication, and to evaluate the diverse array of data sources relevant to the field-based study of languages.

Andrew Hayes    hayesa@yosemite.edu

x6552

## CATALOG DESCRIPTION

Introduction to human evolution. The evidence for human biological and behavioral adaptations is examined. Issues and topics will include the principles of genetics and evolution, human variation, comparative primate anatomy/behavior and an assessment of the human fossil record

This course is offered online.



# GE

MJC-GE

Area A, B

CSU-GE

Area B2, D

IGETC

Area 4, 5B

OTHER

C-ID: ANTH 110

PATTERNS  
»»»

## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Critical thinking/analytical reasoning
- Ability to work with data, numbers and statistics

This course fulfills the GELO requirement to demonstrate proficiency in natural science by applying the scientific to the complex issue of human evolution and anatomy, gaining proficiency in quantitative and statistical reasoning and thinking critically about the diverse sources of information on this topic.

Andrew Hayes    hayesa@yosemite.edu

x6552

# ANTHR 130

# ARCHAEOLOGY & CULTURAL PREHISTORY

## CATALOG DESCRIPTION

An introduction to anthropological archaeology including concepts, theories, and methods employed by archaeologists in reconstructing past life ways of humans. Topics include history and interdisciplinary nature of archaeological research; data acquisition, analysis and interpretation with a discussion of applicable data and models; cultural resource management; professional ethics; and selected cultural sequences.

**CSU  
GE**

**GE**

**MJC-GE**  
Area B

**CSU-GE**  
Area D

**IGETC**  
Area 4

**OTHER**  
C-ID: ANTH 150

**PATTERNS**

## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Can evaluate, analyze, and synthesize information from many sources
- Global/Intercultural Fluency

This course fulfills the GELO requirement to demonstrate proficiency in the natural sciences, by teaching critical evaluation of archeological data from a diverse range of sources, and connecting this scientific process to an understanding of ancient and contemporary human life.

Andrew Hayes    hayesa@yosemite.edu

x6552

**CONTACT**

## CATALOG DESCRIPTION

This course centers on the cross-cultural study of the forms, functions, poetics and politics of supernatural beliefs and associated rituals in a diverse world. Using anthropological method and theory, students examine belief systems and rituals within particular cultural contexts, including their emergence and the effect of their practice. Additional emphasis is on broad ethnographic comparison, and the course is designed for students to derive insight into the power and cultural work of religious and supernatural frameworks in various societies. Religious and supernatural worlds are also analyzed for their local and global connections with other cultural institutions, movements, forms, politics, and processes.

CSU  
GE

GE

MJC-GE  
Area B

CSU-GE  
Area D

IGETC  
Area 4

OTHER  
NONE

PATTERNS  
»»»

## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Critical thinking/analytical reasoning
- Global/Intercultural Fluency

This course fulfills the GELO requirement for proficiency in the Social and Behavioral Sciences, by emphasizing critical analysis of both scientific and qualitative field studies of the supernatural components of a diverse field of cultures.

Andrew Hayes    hayesa@yosemite.edu

x6552

## CATALOG DESCRIPTION

A wide variety of instrumental and vocal courses that allow students the opportunity to perform and study music.

**CSU  
GE**

**GE**

**MJC-GE  
Activities**

**CSU-GE  
Area C1**

**IGETC  
Area 3A**

**OTHER  
NONE**

**PATTERNS**



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Ability to work collaboratively in teams
- Self-Motivated/proactive problem solving

Music activity courses allow students from any major the opportunity to perform and study music. Individual practice coupled with ensemble experiences build teamwork skills valuable to any student.

Erik Maki

[makie@yosemite.edu](mailto:makie@yosemite.edu)

x6184

## CATALOG DESCRIPTION

Global distribution of economic activities. Role of raw materials, labor, transport, and market location upon Industrial activity. Discussion of economic development, globalization of manufacturing, de industrialization, and corporate behavior.

This course is offered online.

**CSU  
GE**

**GE**

**MJC-GE  
Area B**

**CSU-GE  
Area D**

**IGETC  
Area 4**

**OTHER**  
CID: GLST 102

**PATTERNS**

## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Business analysis
- Critical thinking/problem solving

This course analyzes why countries are rich or poor. Students research resources, population demographics, transportation linkages, and corporate behaviors and regulation. This class centers on globalization and environmental sustainability. Business or economics majors learn where markets are located and how corporations move and adapt to changing global environments.

Cece Hudelson   hudelsonc@yosemite.edu   x6104

## CATALOG DESCRIPTION

Historical development, philosophy of law and constitutional provisions: definitions, classification of crime and their application to administration of justice system; legal research, case law, methodology and concepts of law as a social force.

This course is offered online.

CSU  
GE

GE

MJC-GE  
Area B

CSU-GE  
Area D

IGETC  
Area 4

OTHER

C-ID: AJ 120

PATTERNS



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Critical thinking/analytical reasoning
- Ethical Judgement and decision-making

This course will teach students about the formation of California laws, the elements of crimes, and the application of laws in the CA law enforcement field. This course will benefit students of all majors by allowing them to know and understand when a law is violated and the punishment for said law.

Greg Hausmann

hausmanng@mjc.edu

x6814

## CATALOG DESCRIPTION

Basic understanding of controlled substances, including identification, physiological effects, testing, and use detection, methods of enforcement and investigation, applicable laws controlling use, treatment processes, and prevention.

This course is offered online.

**CSU  
GE**

**GE**

**MJC-GE  
Area B**

**CSU-GE  
Area E**

**IGETC  
NONE**

**OTHER  
NONE**

**PATTERNS**



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Critical thinking/analytical reasoning
- Ethical Judgement and decision-making

This course will teach students about legal and illegal drug abuse. This course will benefit students of all majors by allowing them to know and understand the problems associated with drug addiction, the difficulties of participating and succeeding in drug rehabilitation, and the ethical and moral conundrum of legalizing and/or criminalizing drug use.

Greg Hausmann

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x6814

## CATALOG DESCRIPTION

Study of human body structures including organ, tissue and cellular interrelationships in health and disease. Involves extensive use of models, specimens, histological material, and dissection. Cadaver materials and demonstrations are used.

CSU  
GE

GE

MJC-GE  
Area A

CSU-GE  
AREA B2

IGETC  
AREA 5B

OTHER  
NONE

PATTERNS  
»»»

## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Critical thinking/analytical reasoning
- Can apply knowledge/skills in appropriate settings

Although this course is listed as a GE, this course is NOT recommended for non-allied health majors! This course is an in depth study of human cells, tissues and organ systems, focusing on clinical applications for students pursuing a degree in healthcare. This is a very rigorous course designed with allied health students in mind.

Holly Nash-Rule

nashruleh@mjc.edu x6290

**CATALOG DESCRIPTION**

Introduction to the structure and function of the human body; basic terminology, cell biology, and the organ systems. Designed as a preliminary course for allied health students, but open to all students.

This course is offered online.

**GE****MJC-GE**  
Area A**CSU-GE**  
NONE**IGETC**  
NONE**OTHER**  
NONE**PATTERNS****WHAT SKILLS AND COMPETENCIES  
WILL NON-MAJORS LEARN?**

- Effective written communication,
- Can evaluate, analyze, and synthesize information from many sources

This course explores the fundamentals of the anatomy and physiology of the human body. It is a great class for students who are interested in an elementary understanding of the structure and workings of the human body. There is no lab associated with this class and therefore, unlike most biological science courses, it is offered both as a hybrid class and online only.

Holly Nash-Rule

nashruleh@mjc.edu x6290

# ART 102 OR CMPGR 202

# INTRODUCTION TO COMPUTER GRAPHICS

## CATALOG DESCRIPTION

Introduction to computer graphics using various applications and tools. Topics explored include but are not limited to: original image creation, photographic editing, scanning, printing, 3D-animation, sound, digitizing pens, mouse, and digital cameras.

This course is offered online.

CSU  
GE

GE

MJC-GE  
Area C

CSU-GE  
Area C1

IGETC  
NONE

OTHER

C-ID: ARTS 250

PATTERNS



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Ability to plan and execute a project
- Able to innovate and be creative

This course helps students make aesthetic judgements, and challenges students to use critical thinking skills to analyze visual problems. It directs students to create descriptive renderings using digital tools, and to understand how these tools can be used to communicate ideas visually. Digital skills would be valuable for any discipline involving design, business or education.

Brian Sinclair    [sinclairb@mjc.edu](mailto:sinclairb@mjc.edu) @mjc.edu x6406

CONTACT

**ART 108, 121,  
123, 141, 147,  
148, 173 or 175**

# ART COURSES FOR ACTIVITIES

## CATALOG DESCRIPTION

The courses above are Ceramics 1, Basic Drawing 2, Figure Drawing 1, Sculpture 2, Painting 1 in acrylic, Painting 1 in oil, Digital Photography, and Color Photography. The department will also sign petitions to use Art 102-Introduction to Computer Graphics, ART 120-Basic Drawing, ART 124-Color & 2-D Foundation Design, ART 140 Sculpture 1 and ART 170 Basic Photography.



# GE

**PATTERNS**



**MJC-GE**  
Activities

**CSU-GE**  
NONE

**IGETC**  
NONE

**OTHER**  
NONE

## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Ability to plan and execute a project
- Able to innovate and be creative

All of these courses challenge students to use critical thinking skills to analyze visual problems by directing them through creating solutions to thought provoking projects. Few classes ask students to design a solution to a problem and then construct it. We recommend listing "Any Art course that fulfills the Activities requirement" so that students can choose a medium of their interest.

Noah Wilson

wilsonn@mjc.edu

x6342

**CONTACT**

## CATALOG DESCRIPTION

An introductory course in techniques used in representing form, light and shadow, texture, perspective, composition, and expression using various drawing media.

**CSU  
GE**

**GE**

**MJC-GE**  
Area C

**CSU-GE**  
Area C1

**IGETC**  
n/a

### OTHER

C-ID ART 110  
CSET Test 103

**PATTERNS**



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Ability to plan and execute a project
- Able to innovate and be creative

This course will challenge critical thinking skills when analyzing visual problems. It will inspire students to plan and execute personal statements, descriptive renderings and communicate ideas visually. Drawing skills help students communicate difficult ideas, quickly and effectively, and would be important for any discipline that might produce educators, fulfilling the CSET Test 103.

Rob Stevenson    [stevensonr@yosemite.edu](mailto:stevensonr@yosemite.edu) x6801

## CATALOG DESCRIPTION

Introductory art appreciation for the general student. Illustrated lectures cover the theory, terminology, themes, design principles, media techniques, with an introduction to the visual arts across time and diverse cultures.

This course is offered online.

**CSU  
GE**

**GE**

**MJC-GE  
Area C**

**CSU-GE  
Area C1**

**IGETC  
AREA 3A**

**OTHER  
C-ID ART 100**

**PATTERNS**

## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Effective written communication
- Visual Literacy

ART 160 teaches students to analyze the aesthetics, cultural context, and message of all forms of visual expression, and how to explain their critical analysis and reasoned judgments in writing. From the fine arts to advertisement students will develop a visual literacy to break down and understand visual messages. This class is an appropriate class for any discipline and all job and career paths.

Rob Stevenson    [stevensonr@yosemite.edu](mailto:stevensonr@yosemite.edu) x6801

# ART 164 OR ART 165

HISTORY OF ART 1

HISTORY OF ART 2

## CATALOG DESCRIPTION

Art 164: Analysis of great art epochs through study of paintings, sculpture, architecture and history from pre-historic times to the end of the Middle Ages.

Art 165: Continuation of study of painting, sculpture and architecture from Renaissance to the present.

This course is offered online.

CSU  
GE

GE

MJC-GE  
Area C

CSU-GE  
Area C1

IGETC  
Area 3A

### OTHER

C-ID: ARTH 110  
C-ID: ARTH 120

PATTERNS



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Effective written communication
- Critical thinking/analytical reasoning

This series teaches students to analyze the aesthetics, cultural context, and content of the great works of Western history, and how to explain their critical analysis and reasoned judgments in writing. In either period the emphasis is on connecting cultural values with expression. These courses are great for the humanities, behavioral & social sciences, and education, but appropriate to all areas.

Rob Stevenson

stevensonr@mjc.edu x6801

CONTACT

## CATALOG DESCRIPTION

An introduction to the art and architecture of India, China, Korea, Japan, Southeast, Central and Western Asia. Analysis of secular and religious trends in art from the Neolithic period to present.

**CSU  
GE**

**GE**

**MJC-GE  
Area C**

**CSU-GE  
Area C1**

**IGETC  
Area 3A**

**OTHER  
C-ID: ARTH 130**

**PATTERNS**

## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Can evaluate, analyze, and synthesize information from many sources
- Global/Intercultural Fluency

ART 169 will help students identify and understand cultural concepts from Asian philosophy, religion, and literature as expressed through the visual arts. MJC students have few opportunities to study Asian art and ideas, but in California this cultural context can help our students in any area, such as business, from California history to global studies, cultural tolerance, social justice, etc..

Robert Stevenson    [stevensonr@mjc.edu](mailto:stevensonr@mjc.edu)    x6801

## CATALOG DESCRIPTION

Introduction to the technique and aesthetic of photography: cameras, black-and-white film and print processing, composition, presentation, and concepts related to photographic practices. Practical emphasis is on film photography with discussion of digital applications.

**CSU  
GE**

**GE**

**MJC-GE  
Area C**

**CSU-GE  
Area C1**

**IGETC  
NONE**

**OTHER  
NONE**

**PATTERNS**



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Ability to plan and execute a project
- Able to innovate and be creative

This course will help students make aesthetic judgements and use critical thinking skills to analyze visual problems. The curriculum will assist students in using the camera as a descriptive and expressive tool and help them understand how photographs are used to communicate ideas visually. Photographic skills can be applied to any discipline that might produce designers or educators.

Noah Wilson

wilsonn@yosemite.edu

x6342

# ASTRO 160

# INTRODUCTION TO MODERN ASTRONOMY

## CATALOG DESCRIPTION

Introductory survey course in astronomy. Emphasis on current studies of the solar system, the study of extrasolar planetary systems, the birth and death of stars, and cosmology.

CSU  
GE

# GE

MJC-GE  
Area A

CSU-GE  
Area B1, B3\*

IGETC  
Area 5C

OTHER  
CC: ASTRO 40

# PATTERNS



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Critical thinking/problem solving,
- an evaluate, analyze, and synthesize information from many sources

This course applies the scientific method to critically examine the differences between scientific and pseudoscientific assertions. Astronomy is a historical science that intersects with classic literature, mythologies of ancient cultures, and the development of mathematics. Students will also learn about current scientific research that can be beneficial for all science and technology majors.

Daniel Chase

[chased@yosemite.edu](mailto:chased@yosemite.edu)

x6974

## CONTACT

## CATALOG DESCRIPTION

Introduction to the study of living organisms. Intended as a practical foundation for students interested in a basic knowledge of biological principles, terminology and the scientific process.



# GE

MJC-GE  
Area A

CSU-GE  
NONE

IGETC  
NONE

OTHER  
NONE

# PATTERNS



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Critical thinking/analytical reasoning
- Ability to work collaboratively in teams

Students will learn how to utilize the scientific method to study the basic biological principles of living organisms. Working both independently and collaboratively in the laboratory, students will learn how to pose a scientific questions, design and conduct experiments, analyze data, and form conclusions. Students will learn how scientific discoveries and theories affect human activities.

Catherine Tripp

trippc@yosemite.edu

x6783

## CATALOG DESCRIPTION

Introduction to principles of life, including reproduction, heredity, development, evolution, historical development of biology, molecular biology, and ecology.

This course is offered online.

**CSU  
GE**

**GE**

**MJC-GE**  
Area A

**CSU-GE**  
Area B2, B3\*

**IGETC**  
Area 5B, 5C\*

**OTHER**

**\*There is an  
associated lab**

**PATTERNS**



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Critical thinking/analytical reasoning
- Ability to work collaboratively in teams

This course will teach students how to utilize the scientific method while exploring the principles of life. Working collaboratively in the laboratory, students pose scientific questions, perform experiments, analyze data, and form conclusions. Students study how scientific discoveries and theories affect human activities.

Catherine Tripp

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x6783

## CATALOG DESCRIPTION

An introduction to the principles of biology with an emphasis on humans. Topics covered include scientific method, cell structure and function, biochemistry, metabolism, heredity, biotechnology, evolution, anatomy and physiology of the human body, development of aging, disease, and ecology.

CSU  
GE

# GE

MJC-GE  
Area A

CSU-GE  
AREA B2, B3\*

IGETC  
AREA 5B, 5C\*

OTHER  
NONE

PATTERNS  
»»»

## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Critical thinking/analytical reasoning
- Ability to work collaboratively in teams

Evaluate the validity of “research”, “data”, and “facts”. Develop skills to analyze data from multiple sources. Gain general knowledge about the, normal and diseased, structures and functions of the human body. Examine the environmental impact of humans. Study the basic principles genetics (and therefore understand heredity, DNA analysis, and genetic testing)

Holly Nash-Rule

nashruleh@mjc.edu x6290

## CATALOG DESCRIPTION

A study of the Sierra Nevada mountain range: the people, physical features, fungi, plants and animals.



# GE

MJC-GE  
Area A

CSU-GE  
NONE

IGETC  
NONE

OTHER  
NONE

# PATTERNS



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Critical thinking/analytical reasoning
- Ability to work collaboratively in teams

Students will learn how to utilize the scientific method. Working collaboratively and independently, students will learn how to pose scientific questions, design experiments, collect and analyze data, and form conclusion using the biological features of the Sierra Nevada. Students will learn how scientific discoveries and theories have affected the management of this mountain range.

Catherine Tripp

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x6783

## CATALOG DESCRIPTION

Introduction to the natural history of plant and animals living in temperate and tropical marine habitats, including rocky shore, mudflat, sandy beach, salt marsh, coral reef, mangal forest, open ocean, deep ocean, and bay/estuary. Polar and subpolar marine ecosystems will also be introduced.

This course is offered online.

CSU  
GE

GE

MJC-GE  
Area A

CSU-GE  
Area B2, B3\*

IGETC  
Area 5B, 5C\*

OTHER

\*There is an  
associated lab

PATTERNS



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Critical thinking/analytical reasoning
- Ability to work collaboratively in teams

Students will learn how to utilize the scientific method to investigate the general physical nature, biological characteristics of marine ecosystems. Students will identify the dominant organisms of major marine communities and describe their general characteristics. Working independently and collaborative, students will assess the impact of human activities on the marine environment.

Catherine Tripp

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x6783

## CATALOG DESCRIPTION

Introduction to the natural history of common organisms of the freshwater environment along with basic ecological principles, which includes: energy flow, nutrient cycling, population dynamics, and community structure.

CSU  
GE

# GE

MJC-GE  
Area A

CSU-GE  
Area B2, B3\*

IGETC  
Area 5B, 5C\*

OTHER  
NONE

# PATTERNS



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Critical thinking/analytical reasoning
- Ability to work collaboratively in teams

Students will learn how to utilize the scientific method to study the general physical nature, biological characteristics and composition of freshwater ecosystems. Students will learn to identify the dominant freshwater organisms and describe their general characteristics. Working independently and collaboratively, students will assess the impact of human activities on the freshwater environment.

Catherine Tripp

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x6783

## CATALOG DESCRIPTION

Principles and applications of written and oral business communications including routine memo and letter writing, persuasive writing, oral communication, and informative report writing.

This course is offered online.



# GE

MJC-GE  
Area D2

CSU-GE  
n/a

IGETC  
n/a

**OTHER**

C-ID BUS 115

# PATTERNS



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Effective oral communication
- Effective written communication

This course will help students develop the #1 skillset required by employers: good communication skills! Students will learn how to assess a situation, and create and deliver the appropriate routine, bad-news or persuasive message. Students will learn how to conduct research and prepare reports, emails, letters and resumes that make them stand out from their peers and achieve desired results.

Linda Kropp

kroppl@mjc.edu

x6168

## CATALOG DESCRIPTION

Concepts of management including managerial roles, ethical and legal issues, motivation and performance, organizational and team dynamics, leadership and motivation, decision making, and communication. Students explore how organizations do or do not function effectively in international and multicultural contexts.

This course is offered online.



# GE

MJC-GE  
Area B

CSU-GE  
n/a

IGETC  
n/a

**OTHER**

CC: BUSAD 40

# PATTERNS



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Business analysis
- Professionalism/organization, work independently, prioritize & manage time

This course explores the evolution of management theories and practices used in the operation of businesses and non-profit organizations. Students analyze management's role in shaping the company's mission and corporate culture. Students study ethics and social responsibility as they relate to a multicultural, global environment, and evaluate the impact of management on individuals and societies.

Linda Kropp

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x6168

## CATALOG DESCRIPTION

This course is designed to provide students with effective communication and people skills. Explore the behavioral approach to the business environment by examining interpersonal relationships, develop emotional intelligence, address anger and stress management, and learn conflict resolution while developing leadership skills and practices for success.

This course is offered online.



# GE

MJC-GE  
Area B

CSU-GE  
n/a

IGETC  
n/a

OTHER  
n/a

# PATTERNS



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Customer service skills
- Work with people from different backgrounds/cultures

This course explores how people interact with one another as members of organizations and society, and stimulates critical thinking regarding the ways people respond to their environment. Students study human relations in a multicultural context, and develop proficiencies in the areas of communication, teamwork, change and stress management, creativity, diversity, ethics and social responsibility.

Linda Kropp

kroppl@mjc.edu

x6168

## CATALOG DESCRIPTION

Open to both business and non-business majors. An integrated approach to personal finance and financial literacy. Topics are designed to facilitate informed and deliberate decision making, in alignment with personal values, to maximize financial resources throughout the individual's life span. Emphasizes practical decision making using contemporary theory and real world examples while integrating the social, psychological, and physiological context in which financial decisions are made. Topics include common financial issues such as budgeting, career planning, goal setting, purchasing and financing a home and other large consumer purchases, personal risk management and insurance issues, managing credit, investment strategies, as well as tax, retirement and estate planning.



# GE

# PATTERNS



**MJC-GE**  
Area E

**CSU-GE**  
None

**IGETC**  
None

**OTHER**  
n/a

This course is offered online.

## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Budgeting
- Critical thinking/problem solving

This course will help students understand the issues involved in financial decision making throughout the stages of their life. Students will be equipped to set financial goals, analyze their current financial situation, and create a financial plan to pay off debt, manage cash flow, make wise purchasing decisions, grow and protect assets, and achieve lifelong financial health.

Linda Kropp

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x6168

## CATALOG DESCRIPTION

Intended to prepare students for General Chemistry with an emphasis on problem solving using unit analysis. Included are topics on measurement, classification of matter, nomenclature, gas laws, chemical reactions, atomic and molecular structure, stoichiometry, aqueous solutions and fundamentals of acids and bases.

CSU  
GE

# GE

MJC-GE  
Area A

CSU-GE  
Area B1

IGETC  
Area 5A

OTHER  
NONE

# PATTERNS



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Critical thinking/analytical reasoning
- Critical thinking/problem solving

This course introduces students to chemistry and understanding the behavior and changes of our environment by studying it the atomic and molecular level. Students will strengthen their problem-solving skills and get a different perspective on how scientific theories dictate human behavior. The course is lecture-based only thus allowing the student to focus on the fundamental concepts of chemistry.

Gagandeep Dhaliwal

[dhaliwalg@mjc.edu](mailto:dhaliwalg@mjc.edu) x6836

## CATALOG DESCRIPTION

Designed to meet the requirements for allied-health majors and general education. Principles of general, inorganic chemistry with a strong emphasis on problem solving using dimensional analysis. Included are topics on measurement, classification of matter, nomenclature, gas laws, chemical reactions, atomic and molecular structure, stoichiometry, aqueous solutions and fundamentals of acids and bases.

This course is offered online.

CSU  
GE

GE

MJC-GE  
Area A

CSU-GE  
Area B1, B3\*

IGETC  
Area 5A, 5C\*

OTHER

\*There is an  
associated lab

PATTERNS



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Critical thinking/problem solving
- Professionalism/organization, work independently, prioritize & manage time

The course presents students with the important concepts of chemistry by understanding the behavior of our surroundings by studying them at the atomic and molecular level. This course will strengthen students problem-solving skills in lecture and allow them to apply them in a laboratory setting where experiments will be done.

Gagandeep Dhaliwal

dhaliwalg@mjc.edu x6836

## CATALOG DESCRIPTION

Chemical perspective of environmental topics including acid rain and global warming. Basic chemical principles are developed in order to understand such items as conventional, nuclear, and alternative energy sources, air and water pollution, fertilizers, pesticides, food preservatives, genetic engineering, and medicines and drugs.



CSU  
GE

# GE

MJC-GE  
Area A

CSU-GE  
Area B1

IGETC  
Area 5A

OTHER  
NONE

# PATTERNS



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Critical thinking/analytical reasoning
- Critical thinking/problem solving

This course presents an understanding of our environment through the lens of chemistry. Real world situations are presented and analyzed at the atomic and molecular level therefore explaining the behavior of these situations. This lecture-based course will allow students to critically think about issues that are currently affecting our society from a science perspective.

Gagandeep Dhaliwal

[dhaliwalg@mjc.edu](mailto:dhaliwalg@mjc.edu) x6836

## CATALOG DESCRIPTION

Examines the major physical, psychosocial, and cognitive/language developmental milestones for children, both typical and atypical, from conception through adolescence. Emphasis on interactions between maturational process and environmental factors. Studying developmental theory and investigative research methodologies, students will observe children, evaluate individual differences, and analyze characteristics of development at various stages.

This course is offered online.

**CSU  
GE**

**GE**

**MJC-GE**

Area B, Area E

**CSU-GE**

Area E

**IGETC**

Area 4

**OTHER**

CAP Aligned

**PATTERNS**



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Can apply knowledge/skills in appropriate settings
- Can evaluate, analyze, and synthesize information from many sources

This course provides students with a foundation of understanding of human development. Students evaluate theoretical concepts surrounding the human developmental process from conception to adolescence which can be applied to their interactions with people of varying ages and developmental abilities.

Gisele Flores

floresg@yosemite.edu

x5753

## CATALOG DESCRIPTION

Examination of the development of social identities in diverse societies including theoretical and practical implications of oppression and privilege as they apply to young children, families, programs, classrooms, and teaching. Various classroom strategies will be explored emphasizing culturally and linguistically appropriate anti-bias approaches supporting all children in becoming competent members of a diverse society. Course includes self-examination and reflection on issues related to social identity, stereotypes and bias, social and educational access, media, and schooling.

This course is offered online.

CSU  
GE

GE

MJC-GE  
Area B

CSU-GE  
Area D

IGETC  
None

### OTHER

C-ID: ECE 230, CAP  
aligned

PATTERNS



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Ability to work collaboratively in teams
- Work with people from different backgrounds/cultures

Students in this course will build an awareness of their own bias, an understanding of how bias can influence interactions, and practice skills for effective communication within a diverse community. Through active engagement with their peers, students will begin their journey of cultural competency.

Gisele Flores

floresg@yosemite.edu

x5753

## CATALOG DESCRIPTION

Developing individual effectiveness in various speech activities, emphasis on public speaking; instruction and practice in selection, organization and presentation of materials. Development of self-confidence and listening skills.

This course is offered online.

CSU  
GE

GE

MJC-GE  
Area D2

CSU-GE  
Area A1

IGETC  
Area C1

OTHER

C-ID: COMM 110

PATTERNS



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Effective oral communication
- Can research, find, and organize information from many sources

Students learn how to create, and effectively deliver, professional and engaging speeches that are cogent, clear and concise. Students will learn to research, evaluate, and use information for a variety of functions. This course can help non-majors going into any discipline where employers are concerned with having employees possessing strong communication skills.

Todd Guy

[guyt@yosemite.edu](mailto:guyt@yosemite.edu)

X6177

## CATALOG DESCRIPTION

A survey of the discipline of communication studies with emphasis on interpersonal contexts, group discussions, and individual presentations in public settings. This course explores issues relevant to the systematic inquiry and pursuit of knowledge about human communication including its history, principles, processes, assumptions, methods, and specializations of human communication as an academic field of study.

This course is offered online.

CSU  
GE

GE

MJC-GE  
Area D2

CSU-GE  
Area A1

IGETC  
Area C1

OTHER

C-ID: COMM 115

PATTERNS



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Effective oral communication
- Ability to work collaboratively in teams

Students learn to show awareness of the interactive nature of communication involving effective listening and speaking.

Students learn how to demonstrate critical thinking in their analysis and production of communication. This course will help any non-major going into a discipline where employers are looking for employees who possess strong human communication skills in a variety of settings.

Todd Guy

[guyt@yosemite.edu](mailto:guyt@yosemite.edu)

X6177

## CATALOG DESCRIPTION

Principles of interpersonal communication including perceptual, verbal, and nonverbal elements. The study of interpersonal communication theory, research findings, concepts, and skills as applied within personal and professional relationships.

This course is offered online.

CSU  
GE

GE

MJC-GE  
Area B

CSU-GE  
Area D

IGETC  
Area 4

OTHER

C-ID: COMM 130

PATTERNS



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Effective oral communication
- Can apply knowledge/skills in appropriate settings

By gaining understanding of how society and social subgroups operate in various cultures, students learn how to utilize effective verbal/nonverbal messages, listening techniques, and conflict management strategies in all of their relationships.

Students will enhance their effective communication skills and ability to work well with others, which are important skills desired by all employers.

Todd Guy

[guyt@yosemite.edu](mailto:guyt@yosemite.edu)

X6177

## CATALOG DESCRIPTION

Primary emphasis on argumentation as the study of analysis, evidence, reasoning, refutation and rebuttal, etc., in oral and written communication. Significant component of instruction in written argumentation, with special attention to the essay form. "Critical Thinking" approaches to commercial, legal, political, and academic argumentation and persuasion

This course is offered online.

CSU  
GE

GE

MJC-GE  
Area D2

CSU-GE  
Area A3

IGETC  
Area 1B

OTHER

C-ID: COMM 120

PATTERNS



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Critical thinking/analytical reasoning
- Can evaluate, analyze, and synthesize information from many sources

This course will provide students the foundation needed to demonstrate their critical thinking skills in the analysis and production of all written and oral communication. Students will learn how to find, evaluate, and incorporate research materials to create strong written and oral argumentation, as well as to cite sources correctly. Strong critical thinking skills are desired by all employers.

Todd Guy

guyt@yosemite.edu

X6177

## CATALOG DESCRIPTION

Communication within and between groups and organizations while enhancing individual communication skills. Emphasis on communication and organizational theory as basis for focus on such communication processes as task-oriented discussions, problem solving, leadership, conflict resolution and negotiation, communication climate, and organizational culture.



# GE

**MJC-GE**  
Area D2

**CSU-GE**  
NONE

**IGETC**  
NONE

**OTHER**

C-ID: COMM 140

# PATTERNS



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Effective oral communication
- Critical thinking/problem solving

Students learn to apply organizational and group communication theories and concepts to analyze ineffective organizational communication and make recommendations for improvement. Students will learn the interactive nature of communication in any workplace to enhance their effective listening and speaking skills. This course benefits students of all majors as they prepare to enter the workforce.

Todd Guy

[guyt@yosemite.edu](mailto:guyt@yosemite.edu)

X6177

## CATALOG DESCRIPTION

Methods of critical inquiry and advocacy. Identifying fallacies in reasoning and language, testing evidence and evidence sources, advancing a reasoned position, and defending and refuting arguments. Analysis, presentation, and evaluation of oral and written arguments. Argumentation principles and the debate format. Emphasis on case construction, methods of attack and defense, communication strategies, and various forms of debate.

This course is offered online.

CSU  
GE

GE

MJC-GE  
Area D2

CSU-GE  
Area A3

IGETC  
NONE

OTHER

C-ID: COMM 120

PATTERNS



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Effective oral communication
- Can apply knowledge/skills in appropriate settings

By gaining understanding of how society and social subgroups operate in various cultures, students learn how to utilize effective verbal/nonverbal messages, listening techniques, and conflict management strategies in all of their relationships.

Students will enhance their effective communication skills and ability to work well with others, which are important skills desired by all employers.

Todd Guy

[guyt@yosemite.edu](mailto:guyt@yosemite.edu)

X6177

## CATALOG DESCRIPTION

Development of abilities to plan and deliver persuasive presentations through a combination of methods involving the study of "real" communicative events; i.e., trials, sales presentations, political campaigns, sermons, etc., and the preparation and presentation of own works. Survey of recent research in attitude change and persuasive communication.

**CSU  
GE**

**GE**

**MJC-GE**  
Area D2

**CSU-GE**  
Area A1

**IGETC**  
Area 1C

**OTHER**

C-ID: COMM 190

**PATTERNS**



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Effective oral communication
- Can apply knowledge/skills in appropriate settings

Students learn to show awareness of the interactive nature of persuasive communication involving effective listening and speaking. Students will learn how to demonstrate critical thinking in their analysis and production of persuasive communication. This course will help any non-major going into a discipline where employers are looking for employees with strong persuasive communication skills.

Todd Guy

[guyt@yosemite.edu](mailto:guyt@yosemite.edu)

X6177

## CATALOG DESCRIPTION

Introduction to performance studies; analysis, appreciation, and application of theories of interpretive performance of various forms of literature including poetry, prose, drama (plays, scripts and screenplays), and readers theatre.

**CSU  
GE**

**GE**

**MJC-GE  
Area C**

**CSU-GE  
Area C1**

**IGETC  
NONE**

**OTHER**

C-ID: COMM 170

**PATTERNS**



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Effective oral communication,
- Able to innovate and be creative

Students learn to apply rhetorical analysis and performance techniques to their performance of literature. This course provides students an understanding of cultural complexities of the human condition in its global context. Through performance students have an opportunity to show well considered aesthetic judgments. This course can help non-majors going into any performance based discipline.

Todd Guy

[guyt@yosemite.edu](mailto:guyt@yosemite.edu)

X6177

## CATALOG DESCRIPTION

Introduction to the art of storytelling focusing on the preparation and presentation of literature. Emphasis is placed upon selection of materials, analysis, preparation, and presentation of various genres of stories. Designed to develop the adult reader's knowledge, critical ability and appreciation of literature, as well as critical listening of others sharing literature.

CSU  
GE

GE

MJC-GE  
Area C

CSU-GE  
Area C1

IGETC  
NONE

OTHER  
NONE

PATTERNS  
»»»

## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Effective oral communication,
- Able to innovate and be creative

Students learn through storytelling various ways culture and ethnicity affect individual experience and society. "Leaders (teachers) at all levels can learn how to use storytelling to educate, inform, motivate and inspire employees. Storytelling in the workplace is a dynamic strategy empowering employees to understand and embody an organization's core values." Nancy Breuer, ed., Workforce.com

Todd Guy

guyt@yosemite.edu

X6177

## CATALOG DESCRIPTION

Examines the influence of culture on human communication. Students will learn skills to communicate effectively with people from different cultures.

Theoretical and practical models are explored. Emphasis on cultural identity, relationships, bias, nonverbal and verbal communication, values, beliefs, and norms.

This course is offered online.

CSU  
GE

GE

MJC-GE  
Area B

CSU-GE  
Area D

IGETC  
Area 4

OTHER

C-ID: COMM 150

PATTERNS



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Work with people from different backgrounds/cultures
- Global/Intercultural Fluency

Students learn how to define central terms, concepts, and theories integral to the study of intercultural communication. That knowledge helps in understanding how their cultural upbringing influences intercultural situations and aids in identifying obstacles to effective communication. These skills are essential for any workplace in our global environment.

Todd Guy

[guyt@yosemite.edu](mailto:guyt@yosemite.edu)

X6177

## CATALOG DESCRIPTION

Survey of mass communication and the interrelationships of media with society including history, structure and trends in a digital age. Discussion of theories and effects, economics, technology, law and ethics, global media, media literacy, and social issues, including gender and cultural diversity.

This course is offered online.

CSU GE

CSU GE

# GE

MJC-GE

Area B, Area A

CSU-GE

Area C1, Area D

IGETC

Area 3A, Area 4

OTHER

C-ID: JOURN 100

# PATTERNS



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Can evaluate, analyze, and synthesize information from many sources
- Global/Intercultural Fluency

Students will increase awareness of the various ways culture and ethnicity affect identify and society through depiction in mass media. This awareness will help students analyze the ways individuals act and have acted in response to our global environment. This course can benefit students of all majors as they become more aware of the use of media in their discipline.

Todd Guy

[guyt@yosemite.edu](mailto:guyt@yosemite.edu)

X6177

## CATALOG DESCRIPTION

An introduction to the principles of valid deductive reasoning, including both sentential and predicate logic.

This course is offered online.

CSU  
GE

GE

MJC-GE  
Area D2

CSU-GE  
Area A3

IGETC  
NONE

### OTHER

C-ID PHILO 210,  
CSCI 203 is cross-  
listed with PHILO  
103

PATTERNS



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Critical thinking/analytical reasoning
- Critical thinking/problem solving

Logic is fundamentally the study of reasoning or argumentation. Using symbols to represent the logical expressions of our natural language, such as English, students will learn to remove ambiguity from natural language arguments, determine the validity of arguments, be able to spot fallacies, and understand that logic is foundational to a number fields using arguments.

John Zamora    zamoraj@mjc.edu

x6685

## CATALOG DESCRIPTION

Introduction to computational topics essential for work in Computer Science. Topics include: number bases, induction, sets, relations, functions, congruence, recursion, combinations and permutations, probability, graphs, trees, logic, Boolean algebra, and proof techniques. Computing related problems and examples are integrated throughout the course.

This course is offered online.

CSU  
GE

GE

MJC-GE  
Area D2

CSU-GE  
Area B4

IGETC  
Area 2A

OTHER  
C-ID COMP 152

PATTERNS



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Critical thinking/analytical reasoning
- Critical thinking/problem solving

Modern computer science is built almost entirely on discrete structures. In this course, students learn the foundational structures and concepts needed to address non-trivial issues in counting, graph theory, reasoning, and problem solving through an understanding of sets, functions, relations, induction, recursion, and proof techniques to show that solutions work as outlined.

John Zamora    zamoraj@mjc.edu

x6685

## CATALOG DESCRIPTION

A survey of dance and its development as an art form through social, political, and cultural context. Investigation of cultural traditions and styles, values, aesthetics and more will be explored.

**CSU  
GE**

**GE**

**MJC-GE  
Area C**

**CSU-GE  
Area C1**

**IGETC  
Area 3A**

**OTHER**

C-ID: THTR 111

**PATTERNS**



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Effective oral communication
- Can apply knowledge/skills in appropriate settings

This course would contribute to the education of a non-major by emphasizing the various ways that culture and ethnicity affect individual experience and society as a whole. Also the student would be able to demonstrate the ability to make well considered aesthetic judgements.

Kim T Davis

davisk@mjc.edu

x6496

## CATALOG DESCRIPTION

Basic modern dance technique, beginning composition, improvisation, dance history, and philosophy. Dance as an art form and as a recreation.



# GE

**MJC-GE**  
Activities

**CSU-GE**  
NONE

**IGETC**  
NONE

**OTHER**  
NONE

# PATTERNS



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Ability to work collaboratively in teams
- Can apply knowledge/skills in appropriate settings

Through the college General Education Learning Outcomes a student enrolled in this course would demonstrate proficiency in the Humanities by demonstrating the ability to make well considered aesthetic judgements.

Kim T Davis

davisk@mjc.edu

x6496

# DANCE

## 111/121/131/141

# DANCE ACTIVITY COURSE

## CATALOG DESCRIPTION

For activities course Dance 1, Dance 2, Dance 3, and Dance 4



# GE

# PATTERNS



**MJC-GE**  
Activities

**CSU-GE**  
NONE

**IGETC**  
NONE

**OTHER**  
NONE

## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Process involvement
- Can apply knowledge/skills in appropriate settings

Dance courses for activities would be beneficial to any student due the applied physical health and wellness of the activity, connecting to self awareness and confidence, coordination, and spatial awareness amongst a population of students but in particular would benefit students in the field of Athletics, Applied Health, Communications, Theater, Agriculture, Philosophy, Music and Humanities.

Kim T Davis

davisk@mjc.edu

x6496

## CONTACT

## CATALOG DESCRIPTION

Introduction to macroeconomic theory in the context of managed market economy. Covers basic concepts in economics, particularly those relating to aggregate economic analysis, such as scarcity, trade-offs, and opportunity costs. Topics include: market systems, aggregate measures of economic activity, macroeconomic equilibrium, money and financial institutions, monetary and fiscal policy, international economics, and economic growth. Field trips are not required.

This course is offered online.

CSU  
GE

GE

MJC-GE  
Area B

CSU-GE  
Area D

IGETC  
Area 4

OTHER

CC: ECON 10  
C-ID: ECON 202

PATTERNS



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Critical thinking/analytical reasoning
- Ability to work with data, numbers and statistics

Students in this class learn the fundamentals of economic theory including cost-benefit analysis and supply and demand analysis. Teaching students about cost-benefit analysis helps them improve decision making skills in their everyday lives. Students learn mathematical models of the economy which develops students' quantitative reasoning skills, and learn how people respond to incentives.

Erick Peterson    [petersone@yosemite.edu](mailto:petersone@yosemite.edu)    x5792

## CATALOG DESCRIPTION

An introductory course focusing on individual economic decision-making. Topics include scarcity, opportunity costs, comparative advantage, market structure and market failure, elasticity, cost theory, price and output determination under various market structures and factor markets. Related topics such as international trade, public choice, income distribution, externalities and government regulation may be included. Field trips are not required.

This course is offered online.

CSU  
GE

GE

MJC-GE  
Area B

CSU-GE  
Area D

IGETC  
Area 4

### OTHER

CC: ECON 11  
C-ID: ECON 201

PATTERNS



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Critical thinking/analytical reasoning
- Ability to work with data, numbers and statistics

This class focuses on how individual consumers and firms interact in markets. Learning how markets work helps students better understand how consumers and firms make decisions. They learn how to think about costs and benefits which helps them make rational decisions. Most importantly students learn how to make choices so they can maximize their utility, and improve their quality of life.

Erick Peterson    [petersone@yosemite.edu](mailto:petersone@yosemite.edu)    x5792

# ECON 115

# ECONOMIC HISTORY OF THE UNITED STATES

## CATALOG DESCRIPTION

Analysis of origins and development of business, infrastructure, labor, and agriculture from colonial period to present. Emphasis on federal government's role in development and regulation of business, infrastructure, labor and agriculture; government's role in national economic policy. Field trips are not required.

This course is offered online.

CSU  
GE

GE

MJC-GE  
Area B

CSU-GE  
Area D

IGETC  
Area 4

OTHER  
NONE

PATTERNS



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Effective written communication
- Critical thinking/analytical reasoning

Students explore how major historical events throughout our nation's history impacted the economy. This helps them understand what policies may or may not be effective in addressing economic problems facing our nation today. This develops students critical thinking skills. Because students have to articulate different problems and responses they also develop skills in written communication.

Erick Peterson    [petersone@yosemite.edu](mailto:petersone@yosemite.edu)    x5792

CONTACT

## CATALOG DESCRIPTION

An overview of electrical and electronic phenomena as applied to common consumer and industrial devices. The course examines the physical nature and laws of electricity and magnetism and the application of the scientific method. DC and AC circuits and their characteristics are examined, predicted, and measured. Electronic test equipment and voltage sources are utilized in the construction, troubleshooting and testing of electrical and electronic circuits. This course is approved by the State of California for the Department of Apprenticeship Standards (DAS) Electricians Training Program.

This course is offered online.



# GE

**MJC-GE**  
Area A

**CSU-GE**  
NONE

**IGETC**  
NONE

**OTHER**  
NONE

# PATTERNS



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Critical thinking/problem solving
- Can apply knowledge/skills in appropriate settings

ELTEC 208 covers the basics and science of electricity and electronics. It is for all majors, both CTE and non-CTE, as an MJC science requirement and as a gateway to our Electrical programs. A solid foundation in basic math is recommended. Industrial Electronics graduates work with factory automation, sensors, controls, wiring, and other electrical equipment as highly-paid, high-demand employees.

Jim Howen

howenj@mjc.edu

X6896

## CATALOG DESCRIPTION

Advanced composition course that focuses on the techniques and principles of argumentation and offers instruction in analytical evaluation of texts, research strategies, and proper documentation. Examines style, diction, inference, evidence, reasoning, and rhetorical strategies of written argument. 8,000 word writing requirement, at least 6,000 of which must be in essays that have a developed thesis.

This course is offered online.

CSU  
GE

GE

MJC-GE  
Area D2

CSU-GE  
Area A3

IGETC  
Area 1B

OTHER

C-ID: ENGL 105

PATTERNS



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Effective written communication
- Critical thinking/analytical reasoning

Students learn to deconstruct complex arguments by identifying claim, support, and counterargument; understanding logical fallacies; differentiating between premises and assumptions; distinguishing between inductive and deductive reasoning; and recognizing appeals to logos, ethos, and pathos. Students also write essays that demonstrate their advanced understanding of argumentation.

Deborah Gilbert

[gilbertd@mjc.edu](mailto:gilbertd@mjc.edu)

x6668

## CATALOG DESCRIPTION

Advanced composition with an introduction to literary analysis of fiction, poetry, and drama. Intended primarily for university transfer students, but open to any qualified student.

This course is offered online.

**CSU  
GE**

**GE**

**MJC-GE**  
Area C

**CSU-GE**  
Area C2

**IGETC**  
Area 3B

### OTHER

C-ID: ENGL 120,  
CC: ENGL 1B

**PATTERNS**



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Effective written communication
- Critical thinking/analytical reasoning

This course emphasizes the social, historical, biographical, and philosophical background of literature to develop strong reading and writing methods. Students will develop an awareness of the various literary genres, forms, meanings, elements, and themes. Students of all majors will benefit from the development of critical thinking in reading analysis and writing production found in this course.

Erin Herold

herolde@yosemite.edu x7819

# ENGL 135/136 (TO 1850/1850 TO PRESENT)

## SURVEY OF AMERICAN LITERATURE

### CATALOG DESCRIPTION

ENG 135: Survey of American literature from its beginning to mid-nineteenth century.

ENGL 136: Survey of American literature from mid-nineteenth century to the present.

CSU  
GE

GE

PATTERNS

MJC-GE  
Area C

CSU-GE  
Area C2

IGETC  
Area 3B

#### OTHER

(135) CC: ENGL 17  
C-ID: ENGL 130;  
(136) CC: ENGL 18,  
C-ID: ENGL 135

### WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Effective written communication
- Global/Intercultural Fluency

These courses explore the people and events of social and historical significance that have influenced the course, content, and development of American literature. Students of all majors will benefit from the universal themes found in the history, thoughts, and aspects of American life, from past to present, relating to culture, religion, patriotism, honor, mortality, reality and illusion.

Erin Herold

herolde@yosemite.edu x7819

CONTACT

## CATALOG DESCRIPTION

This course is a survey of Chicano literature in English from its beginnings to its contemporary form. Emphasis on influences that have shaped the literature and critical skills needed to evaluate and appreciate Chicano poetry, theater, fiction, and essay.

This course is offered online.

**CSU  
GE**

**GE**

**MJC-GE  
Area C**

**CSU-GE  
Area C2**

**IGETC  
Area 3B**

**OTHER  
NONE**

**PATTERNS**



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Effective written communication
- Global/Intercultural Fluency

Students will identify, analyze and write about recurring ideas and themes in Chicano/a literature such as the effects of socio-economics on lived experience and the divide between urban and rural life in America. By make inferences about Chicano/a writers' thoughts, feelings and experiences, students will gain awareness about the ways that culture and ethnicity affect individuals and society.

Deborah Gilbert

[gilbertd@mjc.edu](mailto:gilbertd@mjc.edu)

x6668

## CATALOG DESCRIPTION

This is an introductory course to marriage and family, including psychological, physiological, and social aspects of close personal relationships. The topics include dating, courtship, marriage, family life, dual career marriages, single parenting, and other contemporary issues

**CSU  
GE**

**GE**

**MJC-GE**  
Area B, E

**CSU-GE**  
Area D

**IGETC**  
Area 4

**OTHER  
NONE**

**PATTERNS**  
»»»

## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Ethical Judgement and decision-making
- Work with people from different backgrounds/cultures

This course will teach students how to identify the different family structures as categorized by types of Marriage, types of families, and authority patterns. This course can benefit students of all majors by looking at the impacts on interpersonal relationships, including physical health, mental health, and family planning.

Benjamin Riley    [rileyb@mjc.edu](mailto:rileyb@mjc.edu)

x6387

## CATALOG DESCRIPTION

Scientific concepts of nutrition related to the function of nutrients in basic life processes; relationship of nutrition to optimum health, dietary changes, and disease.

**CSU  
GE**

**GE**

**PATTERNS**



**MJC-GE**  
Area A, E

**CSU-GE**  
Area E

**IGETC**  
NONE

**OTHER**  
C-ID NUTR 110

## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Ethical Judgement and decision-making
- Self-Motivated/proactive problem solving

This course will teach students basic knowledge of nutrient digestion, absorption and metabolism including the relationship between nutrition, health, fitness, and disease. This course can benefit students of all majors in making healthy decisions over a lifetime.

Benjamin Riley    [rileyb@mjc.edu](mailto:rileyb@mjc.edu)

x6387

## CATALOG DESCRIPTION

Essentials of written and spoken French, simple composition, conversation, and reading.

**CSU  
GE**

**GE**

**MJC-GE  
Area C**

**CSU-GE  
Area C2**

**IGETC  
Area ^A**

**OTHER**  
none

**PATTERNS**



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Proficiency in a language other than English
- Global/Intercultural Fluency

This course will foster deeper cultural understanding and awareness of the diversity of French culture and provide students with foundational grammatical concepts and vocabulary to communicate about various topics at the beginner level in the language. This cultural understanding facilitates the students' ability to work with people with different backgrounds and cultures.

Laura Manzo

manzol@yosemite.edu

x6462

## CATALOG DESCRIPTION

Essentials of written and spoken German, simple composition, conversation, and reading.

This course is offered online.

**CSU  
GE**

**GE**

**MJC-GE  
Area C**

**CSU-GE  
Area C2**

**IGETC  
6A**

**OTHER  
NONE**

**PATTERNS**



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Proficiency in a language other than English
- Global/Intercultural Fluency

This course will foster deeper cultural understanding and awareness of the diversity of German culture and provide students with foundational grammatical concepts and vocabulary to communicate about various topics at the beginner level in the language. This cultural understanding facilitates the students' ability to work with people with different backgrounds and cultures.

Laura Manzo

manzol@yosemite.edu

x6462

**CATALOG DESCRIPTION**

This course focuses on the exploration of major health issues and behaviors in the various dimensions of health. Emphasis is on self-assessment through gathering and analyzing information while setting personal goals. Topics include mental health, stress management, exercise, nutrition, weight control, substance abuse, violence, disease prevention, reproductive health, aging, healthcare, and environmental hazards and safety.

This course is offered online.

**CSU  
GE****GE****MJC-GE  
Area E****CSU-GE  
Area E****IGETC  
NONE****OTHER**

C-ID: PHS 100

**WHAT SKILLS AND COMPETENCIES  
WILL NON-MAJORS LEARN?**

- Critical thinking/problem solving,
- Can evaluate, analyze, and synthesize information from many sources

This course helps students analyze personal development while evaluating the impact of daily decisions on health. Students learn strategies, develop techniques and obtain knowledge empowering them with the ability to take charge of their life to determine the best course of action for optimal health and wellness. Practical, relevant curriculum makes this course essential for all students.

Cheryl Mulder

mulderc@mjc.edu

x6272

**CATALOG DESCRIPTION**

Explore women's issues in relation to dimensions of wellness and lifestyle behaviors for fitness, nutrition, healthcare and reduction of chronic illnesses.

This course is offered online.

**CSU  
GE****GE****MJC-GE  
Area E****CSU-GE  
Area D****IGETC  
NONE****OTHER  
NONE****PATTERNS****WHAT SKILLS AND COMPETENCIES  
WILL NON-MAJORS LEARN?**

- Critical thinking/problem solving,
- Can evaluate, analyze, and synthesize information from many sources

This course, through analyzing self-development and making plans for lifelong learning, explores the impact of daily decisions on life and health in relation the dimensions of wellness and lifestyle behaviors. Specific focus is placed on fitness, nutrition, stress, sexuality and specific health issues as they pertain to women. Very relevant, interactive course recommended for all women.

Cheryl Mulder

mulderc@mjc.edu

x6272

**CATALOG DESCRIPTION**

This course provides an overview of the epidemiology and toxicology of substance abuse and its relevance to personal and public health. The concepts of substance abuse and dependence, licit and illicit drugs, and the pharmacologic, neurologic, and physiologic effects of selected substances on the human brain will be introduced. Factors involved in the supply and demand for drugs will be discussed. Data on the prevalence, incidence, and trends of smoking, alcohol, prescription and other drug dependencies in the U.S. will be covered, as well as risk factors associated with the use and abuse of these substances. Recovery options and local resources will be reviewed.

CSU GE

CSU GE

GE

PATTERNS



MJC-GE

Area B, Area E

CSU-GE

Area D, Area E

IGETC

Area 4

OTHER

C-ID: PHS 103

**WHAT SKILLS AND COMPETENCIES  
WILL NON-MAJORS LEARN?**

- Critical thinking/problem solving,
- Can evaluate, analyze, and synthesize information from many sources

This course evaluates all aspects of substance abuse and its relevance to personal and public health. Licit and illicit drugs are examined, focusing on concepts from effects on the brain to supply and demand; as well as evaluating the impact of daily decisions on life and health. Data on prevalence, incidence and trends will be presented, along with recovery options and local resources.

Cheryl Mulder

mulderc@mjc.edu

x6272

**CATALOG DESCRIPTION**

Theories of exercise including techniques of endurance, methods of strength attainment, and flexibility training.

Nutrition concepts and influences on exercise and weight management.

**GE**MJC-GE  
Area ECSU-GE  
NONEIGETC  
NONEOTHER  
NONE**PATTERNS** This course is offered online.**WHAT SKILLS AND COMPETENCIES  
WILL NON-MAJORS LEARN?**

- Critical thinking/problem solving,
- Can evaluate, analyze, and synthesize information from many sources

This course, through evaluating various methods of exercise and concepts of nutrition, will teach students how to positively impact daily decision on life and health. If utilized throughout life, the tools provided in class will allow students to analyze the development of one's self and make plans for lifelong learning and implementation of good health choices. Recommended for all students.

Cheryl Mulder

mulderc@mjc.edu x6272

# HIST 101 OR HIST 102

HISTORY OF THE UNITED STATES  
THROUGH RECONSTRUCTION

HISTORY OF THE UNITED STATES  
POST CIVIL WAR

## CATALOG DESCRIPTION

HIST 101 Survey of United States history to 1877 exploring the intersection of politics, the economy, society, culture and geography. Periods covered include: American societies to 1492, the colonial period, the American Revolution, creation of the U.S. Constitution and federalism, the early national period, the antebellum period, the Civil War and Reconstruction

HIST 102 Survey of United States history from 1865 through contemporary period, exploring the intersection of politics, the economy, society, culture and geography. Periods covered include: Reconstruction, late-19th century industrialization, the American West, imperialism, the Progressive Era, World War I, the 1920s, the 1930s and the Great Depression, World War II, the Cold War, civil rights, and modern America.

This course is offered online.

CSU  
GE

GE

MJC-GE  
Area B

CSU-GE  
Area D6

IGETC  
Area 4F

### OTHER

US History,  
Constitution &  
American Ideals  
C-ID HIST 130/140

PATTERNS



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Can evaluate, analyze, and synthesize information from many sources
- Global/Intercultural Fluency

These courses will allow students to build on their concepts of geography, civics, and political societies. Students will learn to pose, answer, and organize complicated questions using different types of historical sources and interpretations including varying perspectives from the past and present and the intersectionality of politics, culture, race, religion and others.

Curtis Martin

[martinc@mjc.edu](mailto:martinc@mjc.edu)

x

Hans Hauselmann

[hauselmannh@mjc.edu](mailto:hauselmannh@mjc.edu) x8120

CONTACT

# HUMAN 101

# INTRODUCTION TO HUMANITIES

## CATALOG DESCRIPTION

Introduction to major works of the humanities that focuses on the diversity of human experience and the relationships among arts and ideas.

This course is offered online.

**CSU  
GE**

**GE**

**MJC-GE  
Area C**

**CSU-GE  
Area C2**

**IGETC  
Area 3B**

**OTHER  
NONE**

**PATTERNS**



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Critical thinking/analytical reasoning
- Global/Intercultural Fluency

HUMAN 101 teaches students to use critical analysis to compare and contrast various ways that culture and ethnicity affect individual experience and society as a whole, and express their thoughts in writing. HUMAN 101 is an interdisciplinary approach that teaches students to make connections across courses and disciplines, and will enhance the general education experience of students of any level.

Aishah Saleh

saleha@mjc.edu

x6499

**CONTACT**

# HUMAN 105 OR HUMAN 106

## EARLY HUMANISTIC TRADITIONS OR HUMANITIES IN MODERN WORLD

### CATALOG DESCRIPTION

HUMAN 105 - Examination of creative and intellectual achievements from cultures around the world beginning with Prehistory and extending to the Renaissance.

HUMAN 106 - Study of creative and intellectual achievements from cultures around the world, beginning with 1600's and extending into the 21st century.

This course is offered online.

CSU  
GE

GE

MJC-GE  
Area C

CSU-GE  
Area C2

IGETC  
Area 3B

OTHER  
NONE

PATTERNS  
»»»

### WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Critical thinking/analytical reasoning
- Global/Intercultural Fluency

These classes teach students to use critical analysis to compare and contrast the ways that culture and ethnicity affect individual experience and society as a whole, and express their thoughts in writing. HUMAN 105/106 use an interdisciplinary approach to teach students to make connections across courses and disciplines in specific time frames, and will enhance the general education experience.

Aishah Saleh

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x6499

CONTACT

**CATALOG DESCRIPTION**

HUMAN 130 - Origins and development of the three monotheistic religions of Western Civilization, Judaism, Christianity and Islam; scripture, beliefs, traditions, rituals, and celebrations; scripture of all three faiths, along with architecture and arts.

HUMAN 140 - An overview of mythology which examines the nature, functions and meanings of myths throughout the world, their cultural contexts, artistic expressions, and influence in contemporary life.

**CSU  
GE**

**GE**

**PATTERNS**



**MJC-GE**  
Area C

**CSU-GE**  
Area C2

**IGETC**  
Area 3B

**OTHER**  
NONE

**WHAT SKILLS AND COMPETENCIES  
WILL NON-MAJORS LEARN?**

- Critical thinking/analytical reasoning
- Global/Intercultural Fluency

These classes teach students to use critical analysis to compare and contrast the various ways that culture and ethnicity affect individual experience and society through structured writing. HUMAN 130/140 use an interdisciplinary approach to teach students to make connections across courses and disciplines in Western and world religious thought, and will enhance the general education experience.

Aishah Saleh

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x6499

## CATALOG DESCRIPTION

Introduction to the field of human services, and the role of paraprofessional workers in private and public settings on a local, state, and national level. The class provides an overview of the historical development of human services, professional values, processes, clinical skills, techniques, theoretical foundations, and current social issues.

This course is offered online.



# GE

**MJC-GE**  
Area B

**CSU-GE**  
NONE

**IGETC**  
NONE

### OTHER

CAADE: California  
Association for  
Alcohol/Drug  
Educators.

# PATTERNS



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Can research, find, and organize information from many sources
- Can evaluate, analyze, and synthesize information from many sources

This course applies the scientific method in order to explain, analyze and solve problems related to physical phenomena.

Students will explore physical concepts in a collaborative laboratory setting. Students will demonstrate the proper use of laboratory instruments in making measurements. This course is useful for students who need a conceptual understanding a basic physical principles.

Layla Spain

spainl@yosemite.edu

x6296

## CATALOG DESCRIPTION

Overview of the physiological and psychological effects of recreational and medicinal psychoactive substances including stimulants, sedative-hypnotics, antidepressants, antipsychotics, alcohol, opiates, hallucinogens, and marijuana. The course will examine the neurobiological, behavioral and social factors that influence drug use, abuse, and dependence.



# GE

**MJC-GE**  
Area E

**CSU-GE**  
NONE

**IGETC**  
NONE

### OTHER

CAADE: California  
Association for  
Alcohol/Drug  
Educators.

# PATTERNS



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Critical thinking/problem solving
- Ability to work with data, numbers and statistics

This course applies the scientific method in order to explain, analyze and solve problems related to physical phenomena.

Students will explore physical concepts in a collaborative laboratory setting. This course is designed for elementary education majors, but is valuable for all students wanting to pursue a scientific or educational degree.

Layla Spain

[spainl@yosemite.edu](mailto:spainl@yosemite.edu)

x6296

### CATALOG DESCRIPTION

Introduction to the field of psychosocial rehabilitation and its application in the public mental health system. The class provides an overview of the core practice models, principles, theories, and methods in psychosocial rehabilitation as related to the social sciences, and gives students a broad view of best clinical practices, social and psychological considerations in working with individuals who have psychiatric disorders using sociological concepts, theories, and methodology.

This course is offered online.



# GE

**MJC-GE**  
Area B

**CSU-GE**  
NONE

**IGETC**  
NONE

#### OTHER

CAADE: California  
Association for  
Alcohol/Drug  
Educators.

# PATTERNS



### WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Can research, find, and organize information from many sources
- Can evaluate, analyze, and synthesize information from many sources

Illustrate the necessary clinical skills, knowledge base, interviewing strategies, counseling techniques, and professional values to work effectively with and provide services for people with who have mental health problems. Identify symptoms of major psychiatric disorders and differentiate between the different types of serious mental illness with a wellness and recovery approach.

Layla Spain

[spainl@yosemite.edu](mailto:spainl@yosemite.edu)

x6296

### CATALOG DESCRIPTION

Continued development in the field of psychosocial rehabilitation, and its application in the public mental health system. Designed to provide opportunities for students to practice and apply models of psychosocial rehabilitation, principles, theories, and methods related to the social sciences with individuals who have psychiatric disorders using sociological concepts and methodology.

This course is offered online.



# GE

**MJC-GE**  
Area B

**CSU-GE**  
NONE

**IGETC**  
NONE

#### OTHER

CAADE: California  
Association for  
Alcohol/Drug  
Educators.

# PATTERNS



### WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Critical thinking/analytical reasoning
- Ethical Judgement and decision-making

Continue to Illustrate the necessary clinical skills, knowledge base, interviewing strategies, counseling techniques, and professional values to work effectively with and provide services for people with who have mental health problems. Identify symptoms of major psychiatric disorders and differentiate between the different types of serious mental illness with a wellness and recovery approach.

Layla Spain

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x6296

## CATALOG DESCRIPTION

Fundamentals of spoken and written Italian. Introduction to Italian cultures.

**CSU  
GE**

**GE**

**PATTERNS**



**MJC-GE**  
Area C

**CSU-GE**  
Area C2

**IGETC**  
Area 6A

**OTHER**  
NONE

## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Proficiency in a language other than English
- Global/Intercultural Fluency

This course will foster deeper cultural understanding and awareness of the diversity of Italian culture and provide students with foundational grammatical concepts and vocabulary to communicate about various topics at the beginner level in the language. This cultural understanding facilitates the students' ability to work with people with different backgrounds and cultures.

Laura Manzo

manzol@yosemite.edu

x6462

## CATALOG DESCRIPTION

Introduction to academic and popular information sources, including traditional print resources, ebooks, online research databases, and the Web. Emphasis on the development of effective academic research strategies and media literacy.



# GE

MJC-GE  
Area D2

CSU-GE  
NONE

IGETC  
NONE

OTHER  
NONE

# PATTERNS



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Can research, find, and organize information from many sources
- Can evaluate, analyze, and synthesize information from many sources

This course teaches students to find, evaluate, and use information from a variety of sources. Any student who plans on taking research-intensive courses here at MJC or after they transfer will be able to apply these skills regardless of major. Employers also value Information Literacy in the workplace, listing it among the “soft skills” they most want in employees.

Michael Leamy

leamym@yosemite.edu

x6254

## CATALOG DESCRIPTION

The template for each School has been updated with the recommended Math course(s), and co-requisites.



**CSU  
GE**

# GE

# PATTERNS



**MJC-GE**  
Area D2

**CSU-GE**  
Area B4

**IGETC**  
Area 2A

### OTHER

Most Math  
Courses have C-ID  
approval

## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Critical thinking/problem solving

Quantitative reasoning is a universal requirement for transfer and non-transfer associates degrees. As such MJC does not include them as a GELO, but these courses will teach students the critical thinking and problem solving skills to work with data, numbers and statistics.

Ross McKenzie

[mckenzier@mjc.edu](mailto:mckenzier@mjc.edu)

x6190

## CATALOG DESCRIPTION

Includes the study of microorganisms, microbial metabolism, genetics, and varieties; immunity, infections, and antimicrobials.

**CSU  
GE**

**GE**

**MJC-GE  
Area A**

**CSU-GE  
Area B2**

**IGETC  
AREA 5B**

**OTHER  
NONE**

**PATTERNS**



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Effective written communication
- Critical thinking/problem solving

The course description includes, "Intended mainly for student entering the health professions." Although this course is listed as a GE, this course is NOT recommended for non-allied health majors! This course is clinical approach to microbes, focusing on clinical applications for students pursuing a degree in healthcare. This is a very rigorous course designed with allied health students in mind.

Holly Nash-Rule

nashruleh@mjc.edu x6290

## CATALOG DESCRIPTION

An overview of various diseases that have plagued humanity over history. Designed for non-majors with an interest in science and public health.

This course is offered online.



# GE

MJC-GE  
Area A

CSU-GE  
NONE

IGETC  
NONE

OTHER  
NONE

# PATTERNS



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Effective written communication
- Critical thinking/problem solving

Great for folks majoring in history, social sciences, behavioral sciences, health education, etc. Explores pathogens, how they are transferred, and how they affect individuals, communities, and the world. Also explores disease movement between humans and other species.

Holly Nash-Rule

nashruleh@mjc.edu

x6290

## CATALOG DESCRIPTION

An overview of various diseases that have plagued humanity over history. Designed for non-majors with an interest in science and public health.

This course is offered online.



## GE

MJC-GE  
Area A

CSU-GE  
NONE

IGETC  
NONE

OTHER  
NONE

# PATTERNS



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Critical thinking/analytical reasoning,
- Can evaluate, analyze, and synthesize information from many sources

Students will learn how to utilize the scientific method to evaluate factors that lead to outbreak of disease. Students will research, evaluate, and analyze historical data to describe how disease events in history have changed outcomes in times of conflict and describe how scientific discoveries and theories have affected how societies have dealt with outbreaks of disease .

Catherine Tripp

trippc@yosemite.edu x6783

## CATALOG DESCRIPTION

A survey course emphasizing the development of the listener's perception of the basic elements of music. Course content examines various types of folk and traditional music, traditional classical music from a variety of historical periods, and musical material of a contemporary nature.

This course is offered online.

CSU  
GE

GE

MJC-GE  
Area C

CSU-GE  
Area C1

IGETC  
Area 3A

OTHER

C-ID: MUS 100

PATTERNS



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Critical thinking/analytical reasoning
- Can evaluate, analyze, and synthesize information from many sources

This course challenges students to think critically about the changing role of music in our world through historical and cultural contexts. The course incorporates visual art, literature, and religion along with music to form a better understanding of our world. The critical thinking skills are important for any discipline that incorporates history, philosophy, religion, languages or literature.

Erik Maki

[makie@yosemite.edu](mailto:makie@yosemite.edu)

x6184

## CATALOG DESCRIPTION

Exploration of traditional/contemporary folk music of Africa, Asia, Latin America, Europe and the U.S. from the perspective of music as culture. Investigations of the impact/influence of migratory patterns, social-political processes, and how ethnicities are formed in relation to music.

This course is offered online.

**CSU  
GE**

**GE**

**MJC-GE  
Area C**

**CSU-GE  
Area C1**

**IGETC  
Area 3A**

**OTHER  
NONE**

**PATTERNS**



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Critical thinking/analytical reasoning
- Can evaluate, analyze, and synthesize information from many sources

This course challenges students to think critically about the changing role of music in our world through historical and cultural contexts. The course incorporates non-western art and religion along with music to form a better understanding of our world. The critical thinking skills are important for any discipline that incorporates history, philosophy, religion, languages or literature.

Erik Maki

[makie@yosemite.edu](mailto:makie@yosemite.edu)

x6184

## CATALOG DESCRIPTION

Survey course emphasizing the listeners perception and understanding of the elements of American Popular Music. Illustrations will cover Folk, Jazz, Musical Theatre and Rock styles of popular music.

This course is offered online.

**CSU  
GE**

**GE**

**MJC-GE  
Area C**

**CSU-GE  
Area C1**

**IGETC  
Area 3A**

**OTHER  
NONE**

**PATTERNS**



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Critical thinking/analytical reasoning
- Can evaluate, analyze, and synthesize information from many sources

This course challenges students to think critically about the influence of music on society from our more recent past. The course incorporates pop culture, visual art, and literature along with music to form a better understanding of our world. The critical thinking skills are important for any discipline that incorporates history, philosophy, languages or literature.

Erik Maki

[makie@yosemite.edu](mailto:makie@yosemite.edu)

x6184

## CATALOG DESCRIPTION

The department recommends any Physical Education class that fulfills the activities requirement.



# GE

# PATTERNS



**MJC-GE**  
Activities

**CSU-GE**  
NONE

**IGETC**  
NONE

**OTHER**  
NONE

## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Ability to work collaboratively in teams
- Can apply knowledge/skills in appropriate settings

PE courses allow students to engage in activities providing numerous benefits. Improved physical fitness is the obvious advantage, but stress reduction, improved cognitive ability, better concentration, connecting with peers, teamwork, improved GPA, and a sense of belonging are also reasons to take a PE activity class. With a huge variety of classes offered, there is something for everyone!

Cheryl Mulder

[mulderc@mjc.edu](mailto:mulderc@mjc.edu)

x6272

## CATALOG DESCRIPTION

A careful and critical examination of some of the “Great Questions” philosophers have pursued from ancient times to the present concerning knowledge, reality, and values. Some of these include: What is human nature? What is real? Do we have free will? Does God exist? What can we know? How should we act? What is the source of evil? Also, what is the nature of truth?

This course is offered online.

CSU  
GE

GE

MJC-GE  
Area C

CSU-GE  
Area C2

IGETC  
Area 3B

OTHER  
NONE

PATTERNS



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Critical thinking/analytical reasoning
- Ethical Judgement and decision-making

PHILO 101 provides students a toolbox of critical reading, writing, and thinking skills which include the ability to: identify, summarize, and evaluate arguments in a diverse body of texts; recognize argument patterns, processes, and common reasoning errors; to identify and diagram the parts of an argument; and to reflect on each of these and one owns own thinking process (orally / in writing).

Tristin Hassell

hassellt@yosemite.edu x6129

Name

email

email

## CATALOG DESCRIPTION

An introduction to the principles of valid deductive reasoning, including both sentential and predicate logic.

This course is offered online.

CSU  
GE

GE

MJC-GE  
Area D2

CSU-GE  
Area A3

IGETC  
NONE

OTHER  
CSCI 203

PATTERNS



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Critical thinking/analytical reasoning
- Can evaluate, analyze, and synthesize information from many sources

PHILO 103 assists students in developing a toolbox of formal language and formal reasoning skills. Students will learn to represent ideas/arguments mathematically (as symbols). Non majors will acquire skills in formal reasoning that form the basis for algebra and all computer programming languages.

## CATALOG DESCRIPTION

This course is an introduction to critical thinking and critical writing. Students will learn techniques of practical reasoning and argumentation, with emphasis on application of these techniques in the writing of a sequence of argumentative essays. Topics include: critical reading, argument analysis, recognizing propaganda and stereotypes, clarifying ambiguity, meaning and definition, evaluating evidence, logical correctness vs factual correctness, and common mistakes in reasoning (formal and informal fallacies). The class emphasizes critical writing strategies.

This course is offered online.

CSU  
GE

GE

PATTERNS



MJC-GE  
Area D2

CSU-GE  
Area A3

IGETC  
Area 1B

OTHER  
NONE

## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Effective written communication
- Critical thinking/analytical reasoning

PHILO 105 assists students in developing a toolbox of critical thinking and communication skills which includes the ability to identify, summarize, and evaluate arguments; to recognize argument patterns, processes, and common reasoning errors; to identify and diagram the parts of an argument; and to reflect on each of these and one owns own thinking process in writing.

Tristin Hassell

hassellt@yosemite.edu x6129

Name

email

email

## CATALOG DESCRIPTION

Systematic study of the methods of scientific inquiry through the application of critical thinking through philosophical analysis of scientific methodology. Course will emphasize critical writing strategies and analytic writing.

This course is offered online.

CSU  
GE

# GE

MJC-GE  
Area D2

CSU-GE  
Area A3

IGETC  
Area 1B

OTHER  
NONE

# PATTERNS



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Critical thinking/analytical reasoning
- Can evaluate, analyze, and synthesize information from many sources

Philosophy 107 is focused on problems inherent to the study, practice, and evaluation of science (and the scientific method). Students will acquire critical thinking skills which include the ability to: identify, summarize, and evaluate arguments; recognize argument patterns, processes, and common reasoning errors; and identify and diagram the parts of an argument.

## CONTACT

Tristin Hassell

Name

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email

x6129

email

## CATALOG DESCRIPTION

Systematic study of the methods of scientific inquiry through the application of critical thinking through philosophical analysis of scientific methodology. Course will emphasize critical writing strategies and analytic writing.

CSU  
GE

GE

MJC-GE  
Area C

CSU-GE  
Area C2

IGETC  
Area 3B

OTHER  
NONE

PATTERNS  
»»»

## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Critical thinking/problem solving
- Ethical Judgement and decision-making

This course will introduce students to problems in moral decision making. This course explores the ways in which moral philosophy is informed by and embodied not only in our personal perspectives and lives, but also our professional and public roles—in our workplace and in our neighborhoods, within our families, as well as in the midst of our religious, ethnic, and national communities.

Tristin Hassell

hassellt@yosemite.edu x6129

Name

email

email

# PHIL 115 RELIGION: PHILOSOPHICAL & COMPARATIVE INQUIRY

## CATALOG DESCRIPTION

Introduction to the philosophical problems of religion and a comparative analysis of religious traditions and spiritual practices. Topics include the nature and existence of God, faith and reason, religious knowledge, language and experience in human life.

This course is offered online.

CSU  
GE

GE

MJC-GE  
Area C

CSU-GE  
Area C2

IGETC  
Area 3B

OTHER  
NONE

PATTERNS  
»»»

## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Can evaluate, analyze, and synthesize information from many sources
- Work with people from different backgrounds/cultures

The purpose of PHIL 115 course is two-fold: (1) to introduce students to the study of religion by means of the concepts, ideas and practices of the world's religious traditions; and (2) to examine each of these traditions for philosophical inconsistencies. Students will learn to think systematically, and critically whilst appreciating the diversity of religious reasoning.

## CONTACT

Tristin Hassell

Name

hassellt@yosemite.edu

email

x6129

email

## CATALOG DESCRIPTION

A study of social and political thought using classical and contemporary writings, with emphasis on current issues. Ideologies discussed include democracy, socialism, capitalism, communism, fascism, and anarchism.

This course is offered online.

CSU  
GE

# GE

MJC-GE

Area B, Area C

CSU-GE

Area D

IGETC

Area 4

OTHER  
NONE

# PATTERNS



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Critical thinking/problem solving
- Ethical Judgement and decision-making

PHILO 130 assists students in developing a toolbox of critical thinking in the area of political thought. Students will develop the ability to identify, summarize, and evaluate political arguments; to recognize argument patterns, processes, and common reasoning errors; to identify and diagram the parts of an argument; and to reflect on each of these and one owns own thinking process in writing.

## CONTACT

Tristin Hassell

Name

hassellt@yosemite.edu x6129

email

email

## CATALOG DESCRIPTION

Basic physical principles underlying common devices such as cameras, electrical systems, home appliances, and automobiles. General understanding of basic scientific and mechanical principles in order to analyze a wide range of other common devices.



# GE

**MJC-GE**  
Area A

**CSU-GE**  
NONE

**IGETC**  
NONE

**OTHER**  
NONE

# PATTERNS



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Critical thinking/problem solving
- Can apply knowledge/skills in appropriate settings

This course will allow students to state and apply basic physical principles in order to explain how various technologies work.

Students will acquire knowledge how common devices such as cameras and air conditioners work. This course will help students understand core scientific principles which are important in many applied programs.

Daniel Chase

[chased@yosemite.edu](mailto:chased@yosemite.edu)

x6974

## CATALOG DESCRIPTION

A survey course of selected topics in physics and chemistry to include the scientific method and measurement; kinematics and dynamics of linear motion; work and energy; structure, classification and properties of matter; chemical change; thermal energy; wave theory; light and optics; electricity and magnetism. Physical theory is explained on a conceptual level with emphasis placed on applying physical principles to everyday phenomena. To include a weekly laboratory/activity session designed to provide students with practical experience in applying physical concepts. Designed for elementary education majors, but open to all students.

CSU  
GE

# GE

MJC-GE  
Area A

CSU-GE  
Area B1, B3\*

IGETC  
Area 5A, 5C\*

### OTHER

CC: CHEM 30 or  
PHYCS 30,  
C-ID: CHEM 140  
PHYS 140

# PATTERNS



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Critical thinking/problem solving
- Ability to work with data, numbers and statistics

This course applies the scientific method in order to explain, analyze and solve problems related to physical phenomena.

Students will explore physical concepts in a collaborative laboratory setting. This course is designed for elementary education majors, but is valuable for all students wanting to pursue a scientific or educational degree.

Daniel Chase

chased@yosemite.edu

x6974

# PHYS 180

# CONCEPTUAL PHYSICS: A HANDS-ON APPROACH

## CATALOG DESCRIPTION

A survey course of selected topics in physical inquiry to include motion, waves, heat, energy, electricity, magnetism and modern physics. Physical theory is explored on a conceptual level with emphasis placed on applying physical principles to everyday phenomena. To include a weekly activity/laboratory session designed to provide students with practical experience in applying physical concepts.

This course is offered online.

CSU  
GE

GE

MJC-GE  
Area A

CSU-GE  
Area B1, B3\*

IGETC  
Area 5A, 5C\*

OTHER  
NONE

PATTERNS  
»»»

## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Critical thinking/problem solving
- Ability to work with data, numbers and statistics

This course applies the scientific method in order to explain, analyze and solve problems related to physical phenomena.

Students will explore physical concepts in a collaborative laboratory setting. Students will demonstrate the proper use of laboratory instruments in making measurements. This course is useful for students who need a conceptual understanding a basic physical principles.

Daniel Chase

chased@yosemite.edu

x6974

CONTACT

## CATALOG DESCRIPTION

Study of physiological principles, function, and homeostasis of the human body in health and disease; at the biochemical, cellular, tissue, organ, and system levels: integumentary, skeletal, muscular, nervous, endocrine, cardiovascular, lymphatic, respiratory, urinary, digestive, and reproductive. Includes cellular communication, sensory reception, and neural and hormonal control: body movement, oxygen and nutrient delivery, immunity, fluid and electrolyte balance, metabolism and reproductive function.

CSU  
GE

GE

MJC-GE  
Area A

CSU-GE  
AREA B2

IGETC  
NONE

OTHER  
NONE

PATTERNS  
»»»

## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Critical thinking/analytical reasoning
- Can apply knowledge/skills in appropriate settings

This course is intended primarily for Nursing, Allied Health, Kinesiology, and other health related majors. Although this course is listed as a GE, it is NOT recommended for non-healthcare majors! This course is a rigorous, in-depth study of human physiology, from the molecular level to the organism level, focusing on clinical applications for students pursuing a degree in healthcare.

Holly Nash-Rule

nashruleh@mjc.edu x6290

## CATALOG DESCRIPTION

Introduction to United States politics emphasizing the essential institutions, groups, beliefs, behaviors and processes that comprise the American political system at the national, state, and local levels. Special attention to rights and obligations of citizenship.

This course is offered online.

CSU  
GE

GE

MJC-GE  
Area B

CSU-GE  
Area D

History A&B or C

IGETC  
Area 4

### OTHER

C-ID POLS 110  
U.S. Constitution

PATTERNS



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Effective written communication
- Critical thinking/analytical reasoning

This course will teach students about democracy in relation to the three branches of the federal government, the U.S. Constitution, public policies, and current events. This course can benefit students of all majors because they will become more politically aware, gain knowledge needed to evaluate the American political system, and learn about the importance of being an engaged citizen.

Steve Miller

millers@mjc.edu

x6665

## CATALOG DESCRIPTION

Introduction to U.S. constitutional government emphasizing the principles and problems of a constitutional system; governmental powers and sources of power at the national, state, and local levels. Special emphasis on the role of the courts and the rights and responsibilities of democratic citizenship, including units on racial and sexual discrimination, the rights of the accused, privacy, political participation, and freedom of expression and religion. Special attention to current constitutional problems at the national and state levels.

This course is offered online.

CSU  
GE

GE

MJC-GE  
Area B

CSU-GE  
Area D

History A&B or C

IGETC  
Area 4

OTHER

U.S. Constitution

PATTERNS



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Effective written communication
- Critical thinking/analytical reasoning

In this course we analyze landmark and lesser-known Supreme Court cases in relation to the U.S. Constitution. Students taking this course will gain a better understanding of the Constitution and their constitutional rights. This course is designed for all majors and will be particularly helpful for students who have interests in learning about social justice, politics, law, and history.

Steve Miller

millers@mjc.edu

x6665

## CATALOG DESCRIPTION

Comparative survey of major totalitarian, authoritarian, and democratic political systems. Emphasis on the United Kingdom, France, Germany, Russia, the People's Republic of China, Japan, and selected developing countries.

This course is offered online.

CSU  
GE

GE

MJC-GE  
Area B

CSU-GE  
Area D

IGETC  
Area 4

OTHER

C-ID: POLS 140

PATTERNS



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Critical thinking/analytical reasoning
- Global/Intercultural Fluency

This course teaches students how to analyze and compare political systems of different countries. It's a valuable general education class because students will gain more political awareness about politics in countries other than the United States. Students will learn about politics from a global perspective.

Steve Miller

millers@mjc.edu

x6665

## CATALOG DESCRIPTION

An introduction to the study of the origins, development, and recognition of fundamental human rights. Special attention is given to politics in connection to current global human rights issues, such as human trafficking, torture, refugee rights, genocide, health care, environmental rights, and freedom of expression.

This course is offered online.

CSU  
GE

GE

MJC-GE  
Area B

CSU-GE  
Area D

IGETC  
Area 4

OTHER  
NONE

PATTERNS



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Critical thinking/analytical reasoning
- Global/Intercultural Fluency

This is a really good general education course for students interested in social justice, politics, law, and/or global studies.

Many non-majors have taken this course and have had successful experiences. This is because our students are quite interested in learning about human rights and can connect to the course material.

Steve Miller

millers@mjc.edu

x6665

## CATALOG DESCRIPTION

Psychology is the scientific study of behavior and mental processes. The content focuses on the exploration of major psychological theories and concepts, methods, and research findings in psychology. Topics include the biological bases of behavior, perception, cognition and consciousness, learning, memory, emotion, motivation, development, personality, social psychology, psychological disorders and therapeutic approaches, and applied psychology.

This course is offered online.

CSU  
GE

GE

MJC-GE  
Area B

CSU-GE  
Area D

IGETC  
Area 4

OTHER

C-ID: PSY 110

PATTERNS



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Critical thinking/analytical reasoning
- Can evaluate, analyze, and synthesize information from many sources

This course introduces students to the scientific study of behavior and mental processes. Students will learn about the basic theories, concepts and research methods in the field of psychology to analyze and understand the biological basis of behavior, states of consciousness, human development, social processes, and causes and treatment of psychological disorders.

Shelly Fichtenkort    fichtenkorts@mjc.edu    x6898

## CATALOG DESCRIPTION

This course introduces the scientific study of the biological bases of behavior and its fundamental role in the neurosciences. Physiological, hormonal, and neurochemical mechanisms, and brain-behavior relationships underlying the psychological phenomena of sensation, perception, regulatory processes, emotion, learning, memory, and psychological disorders will be addressed. The course also notes historical scientific contributions and current research principles for studying brain-behavior relationships and mental processes. Ethical standards for human and animal research are discussed in the context of both invasive and non-invasive experimental research.

CSU  
GE

GE

MJC-GE  
Area A

CSU-GE  
Area B2

IGETC  
Area 5B

OTHER

C-ID: PSY 150

PATTERNS



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Critical thinking/problem solving
- Can evaluate, analyze, and synthesize information from many sources

This course introduces students to the interdisciplinary field of neuroscience: the study of the brain and nervous system. Students will learn about a wide range of research topics and methods aimed at understanding basic nervous system function and causes of brain and nervous system diseases. Students will evaluate methods from multiple disciplines to understand complex brain-behavior problems.

Shelly Fichtenkort    fichtenkorts@mjc.edu    x6898

## CATALOG DESCRIPTION

This course considers individual human behavior in relation to the social environment. The power of the situation, other individuals, and the social group will be examined. Emphasized topics include: aggression, prejudice and stereotypes, interpersonal attraction, attitudes and attitude change, conformity, group phenomena, gender roles, cultural norms, person perception, and social cognition.

This course is offered online.

CSU  
GE

GE

MJC-GE  
Area B

CSU-GE  
Area D

IGETC  
Area 4

OTHER

C-ID: PSY 170

PATTERNS



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Critical thinking/analytical reasoning
- Can apply knowledge/skills in appropriate settings

This course provides students with an introduction to the scientific study of the way people think about, feel, and behave in social situations. It involves understanding how people influence, and are influenced by, the others around them. Students will learn about the perspectives, research methods, and empirical findings of social psychology and develop skills for analyzing social situations.

Shelly Fichtenkort    fichtenkorts@mjc.edu    x6898

## CATALOG DESCRIPTION

This course introduces the scientific study of psychopathology and atypical behaviors, broadly defined. Students investigate abnormal behavior from a variety of perspectives including biological, psychological, and sociocultural approaches. An integrative survey of theory and research in abnormal behavior, and intervention and prevention strategies for psychological disorders are also introduced.

CSU  
GE

GE

MJC-GE  
Area B

CSU-GE  
Area D

IGETC  
Area 4

OTHER

C-ID: PSY 120

PATTERNS  
»»»

## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Critical thinking/analytical reasoning
- Can apply knowledge/skills in appropriate settings

This course provides an introduction to psychological disorders from several different theoretical and treatment perspectives. Students will learn about diagnostic issues and methods used to study abnormal behavior as well as intervention and prevention. Students will develop a greater awareness and knowledge of psychological disorders that can be applied in various helping professions.

Shelly Fichtenkort    fichtenkorts@mjc.edu    x6898

## CATALOG DESCRIPTION

Study of human sexualities from a biopsychosocial perspective. The intersections of biology, culture, history, race, ethnicity, social class, sexual orientation and gender as they relate to sexualities will be explored throughout the course.

**CSU  
GE**

**GE**

**MJC-GE  
Area E**

**CSU-GE  
Area E**

**IGETC  
Area 4**

**OTHER**

C-ID: PSY 130

**PATTERNS**  
»»»

## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Critical thinking/analytical reasoning
- Can evaluate, analyze, and synthesize information from many sources

This course is an introduction to the interdisciplinary field of human sexuality from a biopsychosocial perspective. Students in this course will learn about theory and practical application of research relating to sexual development, orientation, identity, relationships and behavior. Students will develop an awareness and understanding of sexual behavior across society, cultures and the lifespan.

Shelly Fichtenkort    fichtenkorts@mjc.edu    x6898

## CATALOG DESCRIPTION

A survey of major factors in the development of gender identities and gender roles as they relate to the field of psychology, including: psychological, sociological, biological and cultural influences.

This course is offered online.

CSU  
GE

GE

MJC-GE  
Area B

CSU-GE  
Area D

IGETC  
Area 4

OTHER  
NONE

PATTERNS  
»»»

## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Critical thinking/analytical reasoning
- Can evaluate, analyze, and synthesize information from many sources

This course introduces students to the scientific study of gender, gender identity, roles, conflicts and stereotypes. Students will learn about the major theories that attempt to explain gender-related differences and evaluate research on gender topics such as close relationships, personality, sexuality, mental and physical health, and the workplace.

Shelly Fichtenkort    fichtenkorts@mjc.edu    x6898

## CATALOG DESCRIPTION

Overview of the physiological and psychological effects of recreational and medicinal psychoactive substances including stimulants, sedative-hypnotics, antidepressants, antipsychotics, alcohol, opiates, hallucinogens, and marijuana. The course will examine the neurobiological, behavioral and social factors that influence drug use, abuse, and dependence.

CSU  
GE

GE

MJC-GE  
Area E

CSU-GE  
Area E

IGETC  
NONE

OTHER  
NONE

PATTERNS  
»»»

## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Can apply knowledge/skills in appropriate settings
- Can evaluate, analyze, and synthesize information from many sources

This course introduces students to the field of psychopharmacology - the study of the effects of drugs on the brain and behavior - and the processes of substance dependence. Students will learn about the neurobiological and behavioral effects of psychoactive drugs to help inform personal choices, public policy, and careers in chemical dependency counseling.

Shelly Fichtenkort    fichtenkorts@mjc.edu    x6898

## CATALOG DESCRIPTION

This course is designed with an applied focus for students interested in how psychology is used in everyday life and is related to other social sciences. The course surveys different psychological perspectives and theoretical foundations and how these are applied across a person's life taking into account the influence of factors such as culture, gender, ethnicity, historical cohort, and socio-economic status. A broad understanding of how scientists, clinicians and practitioners study and apply psychology is emphasized.

**CSU  
GE**

**GE**  
**PATTERNS**

**MJC-GE**  
Area E

**CSU-GE**  
Area E

**IGETC**  
NONE

**OTHER**

C-ID: PSY 115

## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Critical thinking/problem solving
- Self-Motivated/proactive problem solving

This course provides students with an overview and understanding of the factors related to personal growth and development. Students will learn how psychology is used in everyday life and evaluate self-improvement strategies and activities. Students will integrate and apply psychological principles to stress and mood management, human relationships, self-esteem, and personal values.

Shelly Fichtenkort    fichtenkorts@mjc.edu    x6898

## CATALOG DESCRIPTION

Introduction to the scientific study of human development from conception through death. Examines the interplay of biological, psychological, social, and cultural forces on the developing human being.

This course is offered online.

**CSU  
GE**

**GE**

**MJC-GE  
Area E**

**CSU-GE  
Area E**

**IGETC  
Area 4**

**OTHER**

C-ID: PSY 180

**PATTERNS**  
»»»

## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Can apply knowledge/skills in appropriate settings
- Can evaluate, analyze, and synthesize information from many sources

This course introduces students to the study of human development across the lifespan from prenatal to end of life stages. Students will learn about developmental theories and research surrounding the biological, psychological and social changes occurring during each stage of development. Students will also apply basic principles of developmental psychology to their own life experiences.

Shelly Fichtenkort    fichtenkorts@mjc.edu    x6898

## CATALOG DESCRIPTION

Reading for inferred ideas, critical evaluation of ideas, tone, mood, and style. Discussion of application of reader's knowledge to reading material.

This course is offered online.

CSU  
GE

GE

MJC-GE  
Area D2

CSU-GE  
A3

IGETC  
NONE

OTHER  
NONE

PATTERNS



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Critical thinking/analytical reasoning
- Can evaluate, analyze, and synthesize information from many sources

In this course students read college-level texts and learn to analyze how they work -- their purpose, audience, tone, bias, and methods of persuasion. Students will strengthen their critical thinking skills and specifically their ability to analyze textual communication by practicing active reading strategies.

Deborah Gilbert

[gilbertd@mjc.edu](mailto:gilbertd@mjc.edu)

x6668

## CATALOG DESCRIPTION

Overview of Deaf history and the origins of American Sign Language. Introduction to the basic issues of Deaf culture and communication. Students will gain an overview of historical and contemporary issues and people in the Deaf community. This course introduces students to the wide variety of issues involved in Deaf Studies, including linguistics, education, sociology, psychology, and interpreting

**CSU  
GE**

**GE**

**MJC-GE  
Area C**

**CSU-GE  
Area C2**

**IGETC  
Area 6A**

**OTHER  
NONE**

**PATTERNS**  
»»»

## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Work with people from different backgrounds/cultures
- Proficiency in a language other than English

This course will provide students with basic knowledge of a signed language, which can be a useful in communication for firefighters, police officers, and other professional civil servants.

Laura Manzo

manzol@yosemite.edu

x6462

## CATALOG DESCRIPTION

Introduction to American Sign Language is designed to provide basic conversational skill in the language used among Deaf people in the United States.

CSU  
GE

GE

MJC-GE  
Area C

CSU-GE  
Area C2

IGETC  
Area 6A

OTHER  
NONE

PATTERNS  
»»»

## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Work with people from different backgrounds/cultures
- Proficiency in a language other than English

This course will provide students with basic knowledge of a signed language, which can be a useful in communication for firefighters, police officers, and other professional civil servants.

Laura Manzo

manzol@yosemite.edu

x6462

## CATALOG DESCRIPTION

An introductory study of the basic concepts, theoretical approaches, and methods of sociology. Topics typically include the analysis and explanation of social structure, group dynamics, socialization and the self, social stratification, culture and diversity, social change, and globalization. Course objectives include the ability to apply sociological ideas to everyday life.

This course is offered online.

CSU  
GE

GE

MJC-GE  
Area B

CSU-GE  
Area D

IGETC  
Area 4

OTHER

C-ID: SOCI 110

PATTERNS



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Critical thinking/problem solving
- Can apply knowledge/skills in appropriate settings

This course is designed to expand students' understanding of how social factors influence their lives and in return how their lives influence group dynamics, institutions and societies. Non-majors will become more socially aware in a diverse world. Critical thinking will be expanded in the areas of social identities, family, education, politics, religion, economics and media.

Melanie Berru

berrum@mjc.edu

x6124

## CATALOG DESCRIPTION

The study of contemporary social problems within the American society emphasizing, among the other topics, alcohol and drugs crime and violence, education, medicine, health family problems power, class, ethnicity, and gender inequalities. Construction of possible solutions to social problems will also be analyzed within a classic and contemporary theoretical sociological framework.

This course is offered online.

CSU  
GE

GE

MJC-GE  
Area B

CSU-GE  
Area D

IGETC  
Area 4

OTHER

C-ID: SOCI 115

PATTERNS



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Critical thinking/problem solving
- Can research, find, and organize information from many sources

This course will challenge critical thinking skills when analyzing social problems in the United States. It will prepare students to think socio-culturally about the social variables that effect the uniting and disuniting processes of society. Student exploration of solutions to social problems is a benefit to any academic discipline.

Melanie Berru

berrum@mjc.edu

x6124

# SOCIO 150

## ETHNICITY AND CULTURE IN THE UNITED STATES

### CATALOG DESCRIPTION

A sociological study of ethnic and racial groups in the United States, including First Nation Peoples, Asian Americans, African Americans, and Chicanos/Latinos, among others. Emphasizes emergence, change, integration and marginality of major ethnic groups in the United States.

This course is offered online.

CSU  
GE

GE

MJC-GE  
Area B

CSU-GE  
Area D

IGETC  
Area 4

OTHER

C-ID SOCI 150

PATTERNS



### WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Critical thinking/analytical reasoning
- Work with people from different backgrounds/cultures

Sociological frameworks will be utilized to understand ethnic/racial and cultural groups and expressions. Relationships of power, inequality, marginality and dominance will be examined along with social justice movements. Non majors will learn how to better understand diverse populations which will inform them in their respective discipline and career.

Melanie Berru

berrum@mjc.edu

x6124

CONTACT

## CATALOG DESCRIPTION

Slow-paced, non-transferable course designed for people who have never studied a foreign language before, especially Spanish. Basic Spanish grammar and pronunciation.



# GE

MJC-GE  
Area C

CSU-GE  
NONE

IGETC  
NONE

OTHER  
NONE

# PATTERNS



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Work with people from different backgrounds/culture
- Proficiency in a language other than English

This course will expose students to the diversity of Spanish speaking cultures and provide students with basic grammatical concepts and vocabulary to begin communication in the language. Additionally, it will generate student interest to continue their study of Spanish.

Tony Pacheco

pachecot@yosemite.edu x6187

## CATALOG DESCRIPTION

Slow paced, non-transferable course designed for people who wish to continue from Spanish 51. Basic Spanish grammar and pronunciation.



# GE

MJC-GE  
Area C

CSU-GE  
NONE

IGETC  
NONE

OTHER  
NONE

# PATTERNS



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Proficiency in a language other than English
- Global/Intercultural Fluency

This course will teach students to be aware of the various ways that culture and ethnicity affect individual experience and society as a whole.

Tony Pacheco

pachecot@yosemite.edu x6187

## CATALOG DESCRIPTION

Fundamentals of spoken and written Spanish. Equivalent to the satisfactory completion of two years high school Spanish.

**CSU  
GE**

**GE**

**MJC-GE  
Area C**

**CSU-GE  
Area C2**

**IGETC  
Area 6A**

**OTHER  
NONE**

**PATTERNS**



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Proficiency in a language other than English
- Global/Intercultural Fluency

This course will foster deeper cultural understanding and awareness of the diversity of Spanish and provides non-native Spanish Speaker students with foundational grammatical concepts and vocabulary to communicate about various topics at the beginner level in the language. This cultural understanding facilitates the students' ability to work with people with different backgrounds and cultures.

Tony Pacheco

pachecot@yosemite.edu x6187

## CATALOG DESCRIPTION

The first of two courses intended for Native or Heritage Spanish speakers who already speak, read and write in Spanish at varying levels and with some academic study in the language. This course will focus on: the review of major elements of Spanish grammar, vocabulary acquisition, and student improvement of oral and written communication skills. Through the study of selected readings, students will expand on their own experiences and explore other Spanish speaking cultures. Equivalent to the satisfactory completion of two years high school Spanish. Taught in Spanish.

CSU  
GE

GE

MJC-GE  
Area C

CSU-GE  
Area C2

IGETC  
Area 6A

OTHER  
C-ID: SPAN 220

PATTERNS



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Proficiency in a language other than English
- Global/Intercultural Fluency

This course is designed for students who communicate in Spanish already, to varying degrees, but seek to improve their writing, grammar, vocabulary, and spelling skills. Students will explore their own cultural identity and compare and contrast it with other Spanish-speaking cultures in the United States, as well as the cultures of other Spanish Speaking countries.

Tony Pacheco

pachecot@yosemite.edu x6187

# SPAN 112

# INTRODUCTION TO CHICANO/A LITERATURE

## CATALOG DESCRIPTION

Overview of the historical development and current trends in Chicano/a literature; taught in Spanish.

CSU  
GE

GE

PATTERNS



MJC-GE  
Area C

CSU-GE  
Area C2

IGETC  
Area 3B, 6A

OTHER  
NONE

## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Can evaluate, analyze, and synthesize information from many sources
- Global/Intercultural Fluency

Student will understand and differentiate the idiosyncrasy of this minority group, and the important role they have played in our society. Become familiarized with the culture, linguistic history, and current social and literary works. Students will build an understanding of the historical contributions made by Chicano/a writers and activists from the Civil Rights movement to the present.

Tony Pacheco

pachecot@yosemite.edu x6187

CONTACT

## CATALOG DESCRIPTION

Introduction to Latin American literature from the Pre-Colombian Period to the present; a literary survey of major works from different literary movements and from various genres such as poetry, short story, essay, drama, and the novel. Taught in Spanish.

**CSU  
GE**

**GE**

**MJC-GE  
Area C**

**CSU-GE  
Area C2**

**IGETC  
Area 3B, 6A**

**OTHER  
NONE**

**PATTERNS**  
»»»

## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Can evaluate, analyze, and synthesize information from many sources
- Global/Intercultural Fluency

Student will understand and differentiate the idiosyncrasy of this minority group, and the important role they have played in our society. Become familiarized with the culture, linguistic history, and current social and literary works. Students will build an understanding of the historical contributions made by Chicano/a writers and activists from the Civil Rights movement to the present.

Tony Pacheco

pachecot@yosemite.edu x6187

## CATALOG DESCRIPTION

The relationship to various cultures throughout history and significant contributions to theatre artists. Introduction to elements of the production process including play-writing, acting, directing, design and criticism. Orientation to different periods, styles, and genres of theatre through play reading, discussion, film viewing. Critiques of live performances which will require attendance at theatre productions.

This course is offered online.

CSU  
GE

GE

MJC-GE  
Area C

CSU-GE  
Area C1

IGETC  
Area 3A

OTHER  
NONE

PATTERNS  
»»»

## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Critical thinking/analytical reasoning
- Can evaluate, analyze, and synthesize information from many sources

Theatre 100 fulfills a GELO in the social and behavioral sciences by demonstrating how societies and social subgroups have operated in various times and cultures.

Lynette Borrelli-  
Glidewell

borrellil@yosemite.edu x6621

## CATALOG DESCRIPTION

Prepares the student to apply basic acting theory to performance. Develops the skills of interpretation of drama through acting. Emphasis on skills for performance; memorization, stage movement, vocal production, and interpretation of text. Field trips might be required.

**CSU  
GE**

**GE**

**MJC-GE  
Area C**

**CSU-GE  
Area C1**

**IGETC  
NONE**

**OTHER**

C-ID: THTR 151

**PATTERNS**



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Effective oral communication
- Able to innovate and be creative

Theatre 160 fulfills a Gelo in language and rationality by creating a space that enhances verbal and non verbal communication, encourages creativity and critical thinking and demonstrates effective listening, reading, writing, speaking.

Lynette Borrelli-  
Glidewell

borrellil@yosemite.edu x6621

## CATALOG DESCRIPTION

Intensive study of the basic techniques of theatre games and improvisational acting with specific concentration on improvisational formats. Course will culminate in a public improv performance. Field trips might be required.



# GE

**MJC-GE**  
Activities

**CSU-GE**  
NONE

**IGETC**  
NONE

**OTHER**  
NONE

# PATTERNS



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Effective oral communication
- Able to innovate and be creative

This activities course would benefit any student as Improv builds personal confidence, helps the student succeed in a collaborative environment with diverse peers and enhances the ability to think on their feet and problem solve in the moment.

Lynette Borrelli-  
Glidewell

borrellil@yosemite.edu x6621

## CATALOG DESCRIPTION

Survey of major animal and protozoan phyla with emphasis on evolutionary relationships, structural and physiological adaptations and ecological importance

**CSU  
GE**

**GE**

**MJC-GE  
Area A**

**CSU-GE  
Area B2, B3\***

**IGETC  
Area 5B, 5C\***

**OTHER  
NONE**

**PATTERNS**



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Critical thinking/analytical reasoning
- Ability to work collaboratively in teams

This course teaches students how to utilize the scientific method to understand the principles of animal life and the current method of classification. Working collaboratively in the laboratory, students will learn to pose scientific questions, perform experiments, collect data, and form conclusions.

Students will learn how scientific discoveries and theories affect human activities.

Catherine Tripp

trippc@yosemite.edu

x6783

## CATALOG DESCRIPTION

Introduction to origins and global distribution of cultures. Examines cultural adaptations to the earth, human modifications of the landscape, and patterns of human organization as exemplified in population, agriculture, language, religion, political organization, popular culture, and economic development. Issues addressed include famine, political conflict, multiculturalism, suburban sprawl, industrial relocation and third world development.

This course is offered online.

CSU  
GE

GE

MJC-GE  
Area B

CSU-GE  
Area D

IGETC  
Area 4

OTHER  
CID GEOG 120

PATTERNS  
▶▶▶

## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Can apply knowledge/skills in appropriate settings
- Global/Intercultural Fluency

This course provides students with an understanding of cultural differences found on a global basis. Students are introduced to population demographics, language, religion, ethnicity, political organization, agriculture and urban studies focusing upon how these factors are interrelated affecting global issues of economic development, environmental sustainability, and political fragmentation.

Cece Hudelson   hudelsonc@yosemite.edu   x6104

## CATALOG DESCRIPTION

Global distribution of economic activities. Role of raw materials, labor, transport, and market location upon Industrial activity. Discussion of economic development, globalization of manufacturing, de industrialization, and corporate behavior.

This course is offered online.

**CSU  
GE**

**GE**

**MJC-GE  
Area B**

**CSU-GE  
Area D**

**IGETC  
Area 4**

**OTHER**  
CID: GLST 102

**PATTERNS**

## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Business analysis
- Critical thinking/problem solving

This course analyzes why countries are rich or poor. Students research resources, population demographics, transportation linkages, and corporate behaviors and regulation. This class centers on globalization and environmental sustainability. Business or economics majors learn where markets are located and how corporations move and adapt to changing global environments.

Cece Hudelson   hudelsonc@yosemite.edu   x6104

## CATALOG DESCRIPTION

Spatial study of the Earth's dynamic physical systems and processes. Examination of Earth-sun relationships including weather, climate, vegetation, soils, landforms, and tectonics. Emphasis upon interrelationships between humans and the environment, resulting patterns and distributions.

This course is offered online.

CSU  
GE

GE

MJC-GE  
Area A

CSU-GE  
Area B1

IGETC  
Area 5A

OTHER  
CID GEOG 110

PATTERNS



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Critical thinking/analytical reasoning
- Can apply knowledge/skills in appropriate settings

This course centers upon earth processes and their global locations. Students learn about solar radiation patterns, weather processes, wind, plate tectonics, soils, vegetation, and landforms created by glaciation, rivers, wind, and tides.

Students evaluate how humans adapt or modify the earth. Students will suggest sustainable use of the environment.

Cece Hudelson   hudelsonc@yosemite.edu   x6104

## CATALOG DESCRIPTION

An introductory study of the several branches of earth science: geology, oceanography, meteorology, and astronomy. Topics include the scientific method, natural resources, minerals, rocks, volcanism, plate tectonics, earthquakes, weathering, erosion, geological time, fresh water, ocean water, ocean currents, the ocean floor, atmosphere, clouds, storms, climate, the sun, the moon, the solar system, stars, interstellar matter, and the formation of the universe.

**CSU  
GE**

**GE**

**MJC-GE  
Area A**

**CSU-GE  
Area B1, B3\***

**IGETC  
Area 5A, 5C\***

**OTHER**  
C-ID: GEOL 121,  
CSET 102(?)

**PATTERNS**



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Effective written communication
- Ability to work collaboratively in teams

Students work together in collaborative teams to design and carry out scientific experiments that answer questions and solve problems. Students write executive summaries that effectively describe recent scientific events, research, or discoveries and their relevance to humanity.

Noah Hughes    hughesn@yosemite.edu    x6800

## CATALOG DESCRIPTION

An introductory study of oceanography, the study of the world's oceans. Topics include the ocean's role in the earth system, marine geography, ocean basins and plate tectonics, ocean water, ocean chemistry, marine sediments, ocean-atmosphere interaction, ocean currents, ocean waves and tides, coastal processes, marine ecosystems, ocean life, ocean and climate, oceanographic techniques, and ocean stewardship. Lab activities emphasize gathering and analysis of oceanographic data to understand and predict oceanographic phenomena.

**CSU  
GE**

**GE**

**MJC-GE  
Area A**

**CSU-GE  
Area B1, B3\***

**IGETC  
Area 5A, 5C\***

**OTHER  
NONE**

**PATTERNS**



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Effective written communication
- Ability to work collaboratively in teams

Students work together in collaborative teams to design and carry out scientific experiments that answer questions and solve problems. Students write executive summaries that effectively describe recent scientific events, research, or discoveries and their relevance to humanity.

Noah Hughes

[hughesn@yosemite.edu](mailto:hughesn@yosemite.edu)

x6800

## CATALOG DESCRIPTION

Introduction to atmospheric structure, weather monitoring techniques, solar radiation, thermodynamics, air pressure, humidity, cloud formation, wind patterns, planetary circulation patterns, storms and severe weather (including thunderstorms, tornadoes, and hurricanes), and the causes and consequences of climate and climate change. Lab activities emphasize gathering and analysis of meteorological data (both archived and real-time) to understand and predict weather events. Field trips might be required. Not repeatable

**CSU  
GE**

**GE**

**MJC-GE  
Area A**

**CSU-GE  
Area B1, B3\***

**IGETC  
Area 5A, 5C\***

**OTHER  
NONE**

**PATTERNS**



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Effective written communication
- Ability to work collaboratively in teams

Students work together in collaborative teams to design and carry out scientific experiments that answer questions and solve problems. Students write executive summaries that effectively describe recent scientific events, research, or discoveries and their relevance to humanity.

Noah Hughes

[hughesn@yosemite.edu](mailto:hughesn@yosemite.edu)

x6800

## CATALOG DESCRIPTION

Study of the physical and chemical processes that shape the earth, including plate tectonics, volcanism, weathering, and erosion; the composition of the earth; and geologic hazards such as mass wasting, flooding and earthquakes. Laboratory topics include rock and mineral identification, and the use of maps and aerial photographs to understand erosional and tectonic processes.

**CSU  
GE**

# GE

**MJC-GE**  
Area A

**CSU-GE**  
Area B1, B3\*

**IGETC**  
Area 5A, 5C\*

**OTHER**  
C-ID GEOL 101

# PATTERNS



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Critical thinking/problem solving
- Can apply knowledge/skills in appropriate settings

Students work together in collaborative teams to collect and analyze geological information and apply it specific issues that affect society, such as natural hazards and natural resources.

Garry Hayes

hayesg@yosemite.edu

x6294

## CATALOG DESCRIPTION

Study of the physical and chemical processes that shape the earth, including plate tectonics, volcanism, weathering, and erosion; the composition of the earth; and geologic hazards such as mass wasting, flooding and earthquakes. Laboratory topics include rock and mineral identification, and the use of maps and aerial photographs to understand erosional and tectonic processes.

**CSU  
GE**

**GE**

**MJC-GE  
Area A**

**CSU-GE  
Area B1**

**IGETC  
Area 5A**

**OTHER  
C-ID GEOL 200**

**PATTERNS**

## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Critical thinking/problem solving
- Can apply knowledge/skills in appropriate settings

Students work to collect and analyze geological information and apply it to the geological history, natural hazards, and natural resources of California.

Garry Hayes

hayesg@yosemite.edu

x6294

## CATALOG DESCRIPTION

Introduction to the origin, development, and evolution of the earth and its inhabitants. Topics include the study of fossils and rocks, continents and ocean basins, geologic time, plate tectonics, climate change and mass extinctions. Laboratory utilizes rocks, fossils and stratigraphic principles to decipher ancient environments.

**CSU  
GE**

# GE

# PATTERNS



**MJC-GE**  
Area A

**CSU-GE**  
Area B1, B3\*

**IGETC**  
Area 5A, 5C\*

**OTHER**  
C-ID GEOL 111

## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Critical thinking/problem solving
- Can apply knowledge/skills in appropriate settings

Students work together in collaborative teams to collect and analyze geological information and apply it to decipher ancient environments on Earth.

Garry Hayes

hayesg@yosemite.edu

x6294

### CATALOG DESCRIPTION

The place of agriculture and agri-business in the economic system; basic economic concepts, and problems of agriculture; supply and marketing problems, factors of production; state and federal agriculture programs affecting agriculture's economic position.

**CSU  
GE**

**GE**

**MJC-GE  
Area B**

**CSU-GE  
Area D**

**IGETC  
Area 4**

**OTHER**  
C-ID: AG-AB 124

**PATTERNS**  
▶▶▶

This course is offered online.

### WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Critical thinking/problem solving
- Can evaluate, analyze, and synthesize information from many sources

Agriculture affects everyone! Students will study, evaluate, analyze methods, practices, conditions, and policies affecting agriculture from many different sources. Students will use critical thinking and problem solving skills to discuss decision making patterns and possible solutions to the many challenges we face in food supply and demand. The skills acquired will apply to many life situations.

Marlies Boyd

boydm@mjc.edu

x6212

### CATALOG DESCRIPTION

The sociology of agriculture presented through an examination of relationships between societies and their environments, economics, and agriculture. Emphasis on the analysis of agriculture's use of technology and the corresponding impact on the environment, economy and society.

This course is offered online.

CSU  
GE

GE

MJC-GE  
Area B

CSU-GE  
Area D

IGETC  
NONE

OTHER  
NONE

PATTERNS  
»»»

### WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Critical thinking/problem solving
- Can evaluate, analyze, and synthesize information from many sources

Students will study, evaluate, and analyze agricultural methods, conditions, policies, and technologies and the impact these practices have on the environment, society and our future. Students will use critical thinking and problem solving skills to discuss how agriculture plays an important role in our daily lives and how the decisions we make today can affect future generations to come.

Lori Marchy

marchyl@mjc.edu

x6206

## CATALOG DESCRIPTION

Lecture and supervised activities relating to student participation in agricultural competitions, judging contests, livestock exhibitions, recruitment programs, award and scholarship applications, and youth activity planning.



# GE

# PATTERNS



**MJC-GE**  
Activities

**CSU-GE**  
NONE

**IGETC**  
NONE

**OTHER**  
NONE

## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Ability to work collaboratively in teams
- Ability to plan and execute a project

Students will learn and practice leadership skills by participating in planning and executing various activities or projects. The class members will work collaboratively in teams to accomplish tasks with excellence. This course will give any student the opportunity to refine their leadership skills and gain confidence in stepping out and accomplishing a reachable goal.

Lori Marchy

marchyl@mjc.edu

x6206

## CATALOG DESCRIPTION

A scientific approach to the livestock industry encompassing aspects of animal anatomy, physiology, nutrition, genetics and epidemiology. Emphasis on the origin, characteristics, adaptations and contributions of livestock to the modern agriculture industry

**CSU  
GE**

**GE**

**MJC-GE**  
Area A

**CSU-GE**  
Area B2

**IGETC**  
Area 5B

**OTHER**  
CSET AG

**PATTERNS**

## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Effective oral communication
- Can apply knowledge/skills in appropriate settings

This class will correlate the contributions of livestock and their impact on modern sciences and their interactions with humans. It will explore genetics, nutrition and adaptations of the Ag industry.

Bill Hobby

[hobbyb@yosemite.edu](mailto:hobbyb@yosemite.edu)

x6053

## CATALOG DESCRIPTION

An in-depth study of the principles, and elements of design used in intercultural floral composition. Students have an opportunity to express themselves through the medium of floral materials.



# GE

**MJC-GE**  
Activities

**CSU-GE**  
NONE

**IGETC**  
NONE

**OTHER**  
NONE

# PATTERNS



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Can apply knowledge/skills in appropriate settings
- Able to innovate and be creative

This course will help those in the creative arts using color and design.

Dale Pollard

[pollardd@yosemite.edu](mailto:pollardd@yosemite.edu)

x6204

**CATALOG DESCRIPTION**

Study of soil derivation, classification and characteristics as related to natural and human systems. Soil as a natural system including chemistry, ecology and geology. Soil use and management including erosion, moisture retention, structure, cultivation and organic matter. Special emphasis placed on the relationship between natural and agronomic soil systems.

**CSU  
GE****GE****MJC-GE**  
Area A**CSU-GE**  
Area B1, B3\***IGETC**  
Area 5A, 5C\***OTHER**  
CSET Test for Ag**PATTERNS****WHAT SKILLS AND COMPETENCIES  
WILL NON-MAJORS LEARN?**

- Can research, find, and organize information from many sources
- Can evaluate, analyze, and synthesize information from many sources

This class will help a student understand the uses of a variety of soils, their composition and how nutrients effect the essential growth and maintenance of life. Will use scientific approaches to enhance knowledge.

Dale Pollard

pollardd@yosemite.edu

x6204

## CATALOG DESCRIPTION

Elementary culture of fruit and nut crops including growth and fruiting habits, varieties, characteristics and adaptations; environmental factors influencing local fruit production; pruning and training procedures on local fruit crops.



# GE

**MJC-GE**  
Area A

**CSU-GE**  
NONE

**IGETC**  
NONE

**OTHER**  
NONE

# PATTERNS



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Can apply knowledge/skills in appropriate settings
- Can evaluate, analyze, and synthesize information from many sources

This course will teach students applicable knowledge to grow sustainable fruits and nuts. They will learn to analyze and synthesize information to apply better food growing practices.

Dale Pollard

[pollardd@yosemite.edu](mailto:pollardd@yosemite.edu)

x6204

## CATALOG DESCRIPTION

Introduction to plant science including structure, growth processes, propagation, physiology, growth media, biological competitors, and post-harvest factors of food, fiber, and ornamental plants.

**CSU  
GE**

**GE**

**MJC-GE  
Area A**

**CSU-GE  
Area B2**

**IGETC  
Area 5B**

**OTHER**  
CSET test for Ag

**PATTERNS**

## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Can apply knowledge/skills in appropriate settings
- Can evaluate, analyze, and synthesize information from many sources

This plant science class is a general overview of plants, their structure, growth patterns and allows the student to analyze ideal growing environment.

Dale Pollard

[pollardd@yosemite.edu](mailto:pollardd@yosemite.edu)

x6204

## CATALOG DESCRIPTION

Introduction to human evolution. The evidence for human biological and behavioral adaptations is examined. Issues and topics will include the principles of genetics and evolution, human variation, comparative primate anatomy/behavior and an assessment of the human fossil record

This course is offered online.

CSU  
GE

CSU  
GE

GE

MJC-GE  
Area A, B

CSU-GE  
Area B2, D

IGETC  
Area 4, 5B

OTHER  
C-ID: ANTH 110

PATTERNS  
»»»

## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Critical thinking/analytical reasoning
- Can research, find, and organize information from many sources

For more information contact an Anthropology Faculty

Andrew Hayes    hayesa@yosemite.edu

x6552

# ANTHR 130

# ARCHAEOLOGY & CULTURAL PREHISTORY

## CATALOG DESCRIPTION

An introduction to anthropological archaeology including concepts, theories, and methods employed by archaeologists in reconstructing past life ways of humans. Topics include history and interdisciplinary nature of archaeological research; data acquisition, analysis and interpretation with a discussion of applicable data and models; cultural resource management; professional ethics; and selected cultural sequences.

**CSU  
GE**

**GE**

**MJC-GE  
Area B**

**CSU-GE  
Area D**

**IGETC  
Area 4**

**OTHER  
C-ID: ANTH 150**

**PATTERNS**  
▶▶▶

## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Can evaluate, analyze, and synthesize information from many sources
- Global/Intercultural Fluency

For more information contact an Anthropology Faculty

Andrew Hayes    hayesa@yosemite.edu

x6552

**CONTACT**

## CATALOG DESCRIPTION

Cultural anthropology examines the broad conditions and experiences of being human through the lens of culture and the difference it makes. This course introduces the methods, theories and insights of cultural anthropology and their application to life in a multicultural society. Topics include, but are not limited to: The research and analysis of culture and cultural processes; cross-cultural comparisons of subsistence patterns, economics, kinship, gender, language, sexuality, political organization, belief systems, and expressive culture; the production of social identities and inequalities; and, cultural change in an interconnected world affected by colonization and globalization. Recommended for people who travel internationally.

This course is offered online.

CSU  
GE

GE

MJC-GE  
Area B

CSU-GE  
Area D

IGETC  
Area 4

OTHER  
C-ID: ANTH 120

PATTERNS



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Can evaluate, analyze, and synthesize information from many sources
- Global/Intercultural Fluency

For more information contact an Anthropology Faculty

Andrew Hayes    hayesa@yosemite.edu

x6552

## CATALOG DESCRIPTION

Linguistic anthropology examines the relationship between language and the human condition. This course introduces the methods, theories and insights of linguistic anthropology, addressing questions of how, what, when, where, why and with whom we communicate. Three main areas of linguistic anthropology are examined: structural linguistics, including phonology, morphology, the study of syntax and the biocultural basis of language; historical linguistics, including language origins and evolution, language families and dialects, and language change; and, sociolinguistics, including the relationship between culture and language, language use in social context(s), language acquisition, language loss and conservation, and the connections between language, power and identity.

CSU  
GE

CSU  
GE

GE

MJC-GE  
Area B, C

CSU-GE  
Area C2, D

IGETC  
Area 3B, 4

### OTHER

Only offered Fall  
semesters

PATTERNS



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Effective written communication
- Global/Intercultural Fluency

For more information contact an Anthropology Faculty

Andrew Hayes    hayesa@yosemite.edu

x6552

### CATALOG DESCRIPTION

Using a multidisciplinary approach, this course explores political, economic, social, cultural, and historical issues from a feminist and global perspective.

**CSU  
GE**

**GE**

**MJC-GE**  
Area B, C

**CSU-GE**  
Area D

**IGETC**  
Area 4

**OTHER**  
NONE

**PATTERNS**  
»»»

### WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Effective written communication
- Global/Intercultural Fluency

For more information contact Division Faculty

### CATALOG DESCRIPTION

Orientation to the teaching profession. Designed for prospective elementary and middle school teachers, but open to all students. Students are required to complete 45 hours of observation in community K-12 classrooms.



# GE

**MJC-GE**  
Area B

**CSU-GE**  
NONE

**IGETC**  
NONE

#### **OTHER**

CID: EDUC 200,  
Meets field  
experience  
requirement for  
teaching credential  
program.

# PATTERNS



### WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Ethical Judgement and decision-making
- Can apply knowledge/skills in appropriate settings

This class provides the student with the theoretical background needed for K-12 education. The student will be introduced to learning theories, pedagogical approaches, and the framework for public education in the United States. Students observe in a K-12 classroom for 35 hours during the semester.

Cece Hudelson   hudelsonc@yosemite.edu   x6104

## CATALOG DESCRIPTION

Theory, practice, and application of leadership principles. Prepares students for productive involvement in community service, college activities, and civic governance. Designed especially, but not exclusively, for students participating in student government and club activities.



# GE

**MJC-GE**  
Activities

**CSU-GE**  
NONE

**IGETC**  
NONE

**OTHER**  
NONE

# PATTERNS



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Ability to plan and execute a project
- Work with people from different backgrounds/cultures

For more information contact the BSS Division

Cece Hudelson   hudelsonc@yosemite.edu   x6104

## CATALOG DESCRIPTION

A thematic film course aimed at using the medium of film to broaden the awareness of current societal and global issues, focusing on different topics semester to semester. Selected sequences of feature films, documentaries, unusual foreign and domestic releases will explore how film makers depict aspects of history, culture, religion, race, gender, class, ideology and other issues in a global perspective. Course will cover related elements of film style and theory, such as the relationship of subject to style, form and function. Modern variations on film media(animation, Youtube, reality TV and device media) will be investigated with an eye on 21st century culture.

**CSU  
GE**

**GE**

**MJC-GE  
Area C**

**CSU-GE  
Area C1**

**IGETC  
NONE**

**OTHER  
NONE**

**PATTERNS**  
»»»

## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Critical thinking/analytical reasoning
- Global/Intercultural Fluency

For more information contact the BSS Division

Al Smith

smitha@yosemite.edu

x6153

## CATALOG DESCRIPTION

Survey of the world's major geographical regions and their physical, economic, political, and cultural characteristics. Emphasis is placed upon historical influences which explain current problems and conditions.

This course is offered online.

**CSU  
GE**

**GE**

**MJC-GE  
Area B**

**CSU-GE  
Area D**

**IGETC  
Area 4**

**OTHER  
CID GEOG 125**

**PATTERNS**



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Critical thinking/problem solving
- Global/Intercultural Fluency

For The student will learn about regions of the world which have similar cultural, economic, political, historical, and environmental characteristics. Students examine current global issues, analyze historical patterns and events to propose locationally appropriate solutions. information contact the BSS Division

Cece Hudelson   hudelsonc@yosemite.edu   x6104

## CATALOG DESCRIPTION

Orientation to the teaching profession. Designed for prospective elementary and middle school teachers, but open to all students. Students are required to observe and participate in community classrooms. Meets field experience requirement for teaching credential program. Fingerprint Clearance and TB Clearance is required.



# GE

**MJC-GE**  
NONE

**CSU-GE**  
NONE

**IGETC**  
NONE

### OTHER

Fulfills 35 hours of  
K-12 classroom  
observation

# PATTERNS



## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Work with people from different backgrounds/cultures
- Able to innovate and be creative

This course provides students with 35 hours of K-12 classroom observation required for a teaching credential. Students work in the classroom setting and learn about the structure, goals, and approaches applied in public education and the credential process.

Cece Hudelson   hudelsonc@yosemite.edu   x6104

## CATALOG DESCRIPTION

Fundamental skills in animation and special effects concepts and techniques utilizing computers and digital video media.



# GE

# PATTERNS



**MJC-GE**  
Activities

**CSU-GE**  
NONE

**IGETC**  
NONE

**OTHER**  
NONE

## WHAT SKILLS AND COMPETENCIES WILL NON-MAJORS LEARN?

- Can apply knowledge/skills in appropriate settings
- Able to innovate and be creative

For more information contact Computer graphics faculty

Brian Sinclair

[sinclairb@yosemite.edu](mailto:sinclairb@yosemite.edu)

x6406