



COURSE OUTLINE : CS/IS 240
D Credit – Degree Applicable
COURSE ID

PROPOSAL

COURSE DISCIPLINE : CS/IS
COURSE NUMBER : 240
COURSE TITLE (FULL) : Cloud Computing – Fundamentals
COURSE TITLE (SHORT) : Cloud Computing – Fundamentals
CALIFORNIA STATE UNIVERSITY SYSTEM C-ID : ITIS 170

CATALOG DESCRIPTION

CS/IS 240 introduces cloud computing which shifts IT from on premises computing infrastructure to elastic cloud systems. The course provides a foundation of cloud computing technologies and provides students with the ability to evaluate and assess the business and technical benefits of cloud computing and cloud applications. The course will include labs to provide hands on training.

CATALOG NOTES N/A

Total Lecture Units:2.00

Total Laboratory Units: 1.00

Total Course Units: 3.00

Total Lecture Hours:36.00

Total Laboratory Hours: 54.00

Total Laboratory Hours To Be Arranged: 0.00

Total Contact Hours: 90.00

Recommended Preparation:

CS/IS - 190 - Introduction to Computer Networks

CS/IS - 197 - Advanced Networking: Server Operations



ENTRY STANDARDS

	Subject	Number	Title	Description	Include
1	CS/IS	190	Introduction to Computer Networks	apply the OSI networking model to a TCP/IP network;	Yes
2	CS/IS	197	Advanced Networking: Server Operations	manage multiple servers in a networked environment.	Yes

EXIT STANDARDS

- 1 Describe the cloud computing model;
- 2 describe examples of infrastructure as a service;
- 3 describe examples of platform as a service;
- 4 describe examples of software as a service;
- 5 identify and mitigate security concerns associated with cloud computing.

STUDENT LEARNING OUTCOMES

- 1 Describe cloud services offered by different cloud providers
- 2 Utilize cloud services offered by different cloud providers

COURSE CONTENT WITH INSTRUCTIONAL HOURS

	Description	Lecture	Lab	Total Hours
1	Introduction to Cloud Computing	4	6	10
2	Approaches to Cloud Computing <ul style="list-style-type: none"> • Public • Private • Hybrid • The NIST Model 	4	6	10
3	Software as a Service (SaaS) <ul style="list-style-type: none"> • use/design • implementation considerations 	4	6	10



4	Platform as a Service (PaaS) <ul style="list-style-type: none"> • use/design • implementation considerations 	4	6	10
5	Infrastructure as a Service (IaaS) <ul style="list-style-type: none"> • use/design • implementation considerations 	4	6	10
6	Cloud Computing Security	4	6	10
7	Business Continuity and Availability	2	6	8
8	Cloud Computing Legal Issues	2	0	2
9	Cloud Providers <ul style="list-style-type: none"> • Google • Azure • Amazon Web Services 	8	12	20
				90

OUT OF CLASS ASSIGNMENTS

- 1 hands-on projects (e.g. deploy cloud systems)

METHODS OF EVALUATION

- 1 projects
- 2 midterm examinations
- 3 final examination

METHODS OF INSTRUCTION

- Lecture
- Laboratory
- Studio
- Discussion
- Multimedia
- Tutorial
- Independent Study



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Collaboratory Learning

Demonstration

Field Activities (Trips)

Guest Speakers

Presentations

TEXTBOOKS

Title	Type	Publisher	Edition	Medium	Author	IBSN	Date
CompTIA Cloud+ Study Guide: Exam CV0-001	Supplemental	Sybex	1		Montgomery, Todd	978-1119243229	2017



COURSE OUTLINE : CS/IS 241
D Credit – Degree Applicable
COURSE ID

PROPOSAL

COURSE DISCIPLINE : CS/IS
COURSE NUMBER : 241
COURSE TITLE (FULL) : Cloud Computing - Databases Essentials
COURSE TITLE (SHORT) : Cloud Computing - Databases Essentials
CALIFORNIA STATE UNIVERSITY SYSTEM C-ID : N/A

CATALOG DESCRIPTION

CS/IS 241 addresses cloud database implementation and management where students will define, operate and scale both SQL servers. The course will include exercises using Amazon RDS and SQL to create and fill tables, retrieve and manipulate data and will use Amazon DynamoDB for noSQL solutions. This course will provide hands-on labs using for cloud database implementation and management.

CATALOG NOTES

N/A

Total Lecture Units:2.00

Total Laboratory Units: 1.00

Total Course Units: 3.00

Total Lecture Hours:36.00

Total Laboratory Hours: 54.00

Total Laboratory Hours To Be Arranged: 0.00

Total Contact Hours: 90.00

Recommended Preparation: N/A

PRECONDITIONS FOR ENROLLMENT

And/Or	Course	Type	Req. Is Being
	CS/IS - 240 - Cloud Computing – Fundamentals	Prerequisite	Added



ENTRY STANDARDS

	Subject	Number	Title	Description	Include
1	CS/IS	240	Cloud Computing – Fundamentals	Describe the cloud computing model;	Yes
2	CS/IS	240	Cloud Computing – Fundamentals	describe examples of infrastructure as a service;	Yes
3	CS/IS	240	Cloud Computing – Fundamentals	describe examples of platform as a service;	Yes
4	CS/IS	240	Cloud Computing – Fundamentals	describe examples of software as a service;	Yes
5	CS/IS	240	Cloud Computing – Fundamentals	identify and mitigate security concerns associated with cloud computing.	Yes

EXIT STANDARDS

- 1 Describe how SQL and noSQL database web services can be used to store data;
- 2 describe redundancies and their adverse effects;
- 3 identify operations such as restrict, project, union, intersection, difference, divide, and join.

STUDENT LEARNING OUTCOMES

- 1 Explain the design principles that reduce redundancy and increase performance.
- 2 Describe the use of a database management system language in the cloud

COURSE CONTENT WITH INSTRUCTIONAL HOURS



	Description	Lecture	Lab	Total Hours
1	Introduction cloud database	4	6	10
2	Amazon database web services, the Management Console, Regions and Availability Zones	4	6	10
3	relational database model	4	6	10
4	Amazon RDS Entity relationship modeling	4	6	10
5	Amazon RDS Datatypes (numeric, character and date)	4	6	10
6	Amazon RDS (Scripts and SQL commands)	4	6	10
7	Amazon DynamoDB	4	6	10
8	Amazon web services (AWS) File storage and retrieval	4	6	10
9	Amazon web services (AWS) backups and logs	4	6	10
				90

OUT OF CLASS ASSIGNMENTS

- 1 Projects (Amazon RDS setup)

METHODS OF EVALUATION

- 1 Exams
- 2 Projects (Amazon RDS setup)
- 3 Labs (Impementing DynamoDB)

METHODS OF INSTRUCTION

- Lecture
- Laboratory
- Studio
- Discussion
- Multimedia
- Tutorial
- Independent Study
- Collaboratory Learning
- Demonstration
- Field Activities (Trips)
- Guest Speakers



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Presentations

TEXTBOOKS

Title	Type	Publisher	Edition	Medium	Author	ISBN	Date
AWS Database Migration Service Step-by-Step Migration Guide		Samurai Media Limited				978-9888408863	2018



COURSE OUTLINE : CS/IS 242
D Credit – Degree Applicable
COURSE ID

PROPOSAL

COURSE DISCIPLINE : CS/IS
COURSE NUMBER : 242
COURSE TITLE (FULL) : Cloud Computing - Security
COURSE TITLE (SHORT) : Cloud Computing - Security
CALIFORNIA STATE UNIVERSITY SYSTEM C-ID : ITIS 171

CATALOG DESCRIPTION

CS/IS 242 focuses on protecting the confidentiality, integrity and availability of computing systems and data. Students learn how Amazon Web Service (AWS) uses redundant and layered controls, continuous validation and testing, and a substantial amount of automation to ensure the underlying infrastructure is continuously monitored and protected. Students examine the AWS Shared Responsibility Model and access the AWS Management Console to learn more about security tools and features provided by the AWS platform. This course will provide labs to reinforce the course content and practice securing cloud IT.

CATALOG NOTES N/A

Total Lecture Units:2.00

Total Laboratory Units: 1.00

Total Course Units: 3.00

Total Lecture Hours:36.00

Total Laboratory Hours: 54.00

Total Laboratory Hours To Be Arranged: 0.00

Total Contact Hours: 90.00

Recommended Preparation: N/A

PRECONDITIONS FOR ENROLLMENT

And/Or	Course	Type	Req. Is Being
	CS/IS - 240 - Cloud Computing – Fundamentals	Prerequisite	Added



ENTRY STANDARDS

	Subject	Number	Title	Description	Include
1	CS/IS	240	Cloud Computing – Fundamentals	Describe the cloud computing model;	Yes
2	CS/IS	240	Cloud Computing – Fundamentals	describe examples of infrastructure as a service;	Yes
3	CS/IS	240	Cloud Computing – Fundamentals	describe examples of platform as a service;	Yes
4	CS/IS	240	Cloud Computing – Fundamentals	describe examples of software as a service;	Yes
5	CS/IS	240	Cloud Computing – Fundamentals	identify and mitigate security concerns associated with cloud computing.	Yes

EXIT STANDARDS

- 1 Describe security best practices employed with AWS applications;
- 2 manage security groups, access control lists, users, roles and permissions;
- 3 support multi-factor authentication in their AWS applications;
- 4 monitor and log security events using AWS tools.

STUDENT LEARNING OUTCOMES

- 1 Deliver security principles into cloud design.
- 2 Identify important security principles for cloud deployed.



COURSE CONTENT WITH INSTRUCTIONAL HOURS

	Description	Lecture	Lab	Total Hours
1	Introduction to AWS	4	6	10
2	Cloud Security Best Practices	4	6	10
3	Cloud Shared Responsibility Model	4	6	10
4	Cloud Security Groups	4	6	10
5	Cloud Network Access Control	4	6	10
6	Managing User Credentials on the Cloud	4	6	10
7	Managing SSL/TLS Certificates on the Cloud	4	6	10
8	Cloud Monitoring and Logging	4	6	10
9	Cloud based Multi-Factor Authentication	4	6	10
				90

OUT OF CLASS ASSIGNMENTS

- 1 Projects (i.e. Monitoring and Logging)
- 2 Labs (i.e. Managing User Credentials)

METHODS OF EVALUATION

- 1 Exams
- 2 Projects (i.e. Monitoring and Logging)
- 3 Labs (i.e. Managing User Credentials)

METHODS OF INSTRUCTION

- Lecture
- Laboratory
- Studio
- Discussion
- Multimedia
- Tutorial
- Independent Study
- Collaboratory Learning



COURSE OUTLINE : CS/IS 242
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- Demonstration
- Field Activities (Trips)
- Guest Speakers
- Presentations

TEXTBOOKS

Title	Type	Publisher	Edition	Medium	Author	ISBN	Date
Practical Cloud Security: A Guide for Secure Design and Deployment		O'Reilly	1		Chris Dotson	978- 149203751 4	2019



COURSE OUTLINE : CS/IS 243
D Credit – Degree Applicable
COURSE ID

PROPOSAL

COURSE DISCIPLINE : CS/IS
COURSE NUMBER : 243
COURSE TITLE (FULL) : Cloud Computing – Cloud Design
COURSE TITLE (SHORT) : Cloud Computing – Cloud Design
CALIFORNIA STATE UNIVERSITY SYSTEM C-ID : N/A

CATALOG DESCRIPTION

CS/IS 243 course covers how cloud computing systems are built using a common set of core technologies, algorithms, and design principles centered around distributed systems. The Amazon Web Services (AWS) Management Console will be used to provision, load-balance and scale their applications using the Elastic Compute Cloud (EC2) and the AWS Elastic Beanstalk. The course covers design principals of scalable cloud systems and has hands-on labs on AWS and the departments private cloud server.

CATALOG NOTES N/A

Total Lecture Units:2.00

Total Laboratory Units: 1.00

Total Course Units: 3.00

Total Lecture Hours:36.00

Total Laboratory Hours: 54.00

Total Laboratory Hours To Be Arranged: 0.00

Total Contact Hours: 90.00

Recommended Preparation: N/A

PRECONDITIONS FOR ENROLLMENT

And/Or	Course	Type	Req. Is Being
	CS/IS - 240 - Cloud Computing – Fundamentals	Prerequisite	Added

ENTRY STANDARDS



COURSE OUTLINE : CS/IS 243

D Credit – Degree Applicable

COURSE ID

	Subject	Number	Title	Description	Include
1	CS/IS	240	Cloud Computing – Fundamentals	Describe the cloud computing model;	Yes
2	CS/IS	240	Cloud Computing – Fundamentals	describe examples of infrastructure as a service;	Yes
3	CS/IS	240	Cloud Computing – Fundamentals	describe examples of platform as a service;	Yes
4	CS/IS	240	Cloud Computing – Fundamentals	describe examples of software as a service;	Yes
5	CS/IS	240	Cloud Computing – Fundamentals	identify and mitigate security concerns associated with cloud computing.	Yes

EXIT STANDARDS

- 1 Describe important design consideration for scalable cloud systems;
- 2 describe the architectural approach used by AWS' Elastic Beanstalk;
- 3 scale and Load-Balance cloud application using AWS tool.

STUDENT LEARNING OUTCOMES

- 1 Implement AWS Elastic Beanstalk
- 2 Launch and monitor EC2 instances

COURSE CONTENT WITH INSTRUCTIONAL HOURS

Description	Lecture	Lab	Total Hours
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1	Introduction to AWS Management Console, Regions and Availability Zones	4	6	10
2	Design Principles for Cloud Systems using Best Practices	4	6	10
3	AWS Elastic Beanstalk Architecture	4	6	10
4	Elastic Beanstalk Implementation	4	6	10
5	Auto-Scaling and Load Balancing Configuration	4	6	10
6	Git Repository and the EB CLI	4	6	10
7	EC2 Deployment of A Server	4	6	10
8	Amazon Machine Image Configuration	4	6	10
9	CloudWatch Monitoring and Logging	4	6	10
				90

OUT OF CLASS ASSIGNMENTS

- 1 Projects (i.e. AWS monitoring)
- 2 Labs (i.e. deploy AWS Elastic Beanstalk)

METHODS OF EVALUATION

- 1 Exams
- 2 Projects (i.e. AWS monitoring)
- 3 Labs (i.e. deploy AWS Elastic Beanstalk)

METHODS OF INSTRUCTION

- Lecture
- Laboratory
- Studio
- Discussion
- Multimedia
- Tutorial
- Independent Study
- Collaboratory Learning
- Demonstration
- Field Activities (Trips)
- Guest Speakers



COURSE OUTLINE : CS/IS 243
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COURSE ID

Presentations

TEXTBOOKS

Title	Type	Publisher	Edition	Medium	Author	IBSN	Date
AWS System Administration	Required	O'Reilly Publishers	1		Ryan, M. Lucifredi	978-1-4493-4257-9	2018



COURSE OUTLINE : MUSIC 130

D Credit – Degree Applicable

COURSE ID

PROPOSAL

COURSE DISCIPLINE : MUSIC
COURSE NUMBER : 130
COURSE TITLE (FULL) : Introduction to Music Education
COURSE TITLE (SHORT) : Intro to Music Education
CALIFORNIA STATE UNIVERSITY SYSTEM C-ID : N/A

CATALOG DESCRIPTION

MUSIC 130 introduces students to Music Education is a survey of the philosophical, historical, cultural, psychological and curricular foundations of music education. This course includes guided field observation and analysis of K-12 classes, and in-class teaching demonstrations. This course is for music majors entering or considering music teaching as a career.

CATALOG NOTES

Students should be able to play an instrument at the college level prior to enrolling.

Total Lecture Units:3.00

Total Laboratory Units: 1.00

Total Course Units: 4.00

Total Lecture Hours:54.00

Total Laboratory Hours: 54.00

Total Laboratory Hours To Be Arranged: 0.00

Total Contact Hours: 108.00

Recommended Preparation:

MUSIC - 101 - Music Fundamentals

MUSIC - 120 - Music Appreciation



ENTRY STANDARDS

	Subject	Number	Title	Description	Include
1	MUSIC	120	Music Appreciation	Recognize the relationship between music and society in Western European history;	Yes
2	MUSIC	120	Music Appreciation	evaluate potentials for change as society and music evolve;	Yes
3	MUSIC	120	Music Appreciation	recognize musical forms from different historical periods;	Yes
4	MUSIC	120	Music Appreciation	identify instruments visually and aurally;	Yes
5	MUSIC	120	Music Appreciation	distinguish between authentic and inauthentic performance practices;	Yes
6	MUSIC	120	Music Appreciation	recognize the primary stylistic tendencies of the principal eras of Western music.	Yes
7	MUSIC	101	Music Fundamentals	read and write basic Western music notation;	Yes
8	MUSIC	101	Music Fundamentals	recognize and follow musical terminology and symbols;	Yes
9	MUSIC	101	Music Fundamentals	write accurate examples of scales, intervals, chords, key signatures and rhythms;	Yes
10	MUSIC	101	Music Fundamentals	analyze the metric, tonal and basic harmonic structure of musical examples.	Yes

EXIT STANDARDS

- 1 Trace the major milestones of music education;
- 2 explain and juxtapose the elements of aesthetic music education and praxial music education;
- 3 observe and analyze master teachers and peers in K-12 classrooms both orally and in writing;
- 4 summarize teaching approaches and developmental stages of K-12 music students;
- 5 recognize music teaching approaches, such as Dalcroze, Orff and Kodály;
- 6 reflect on their own teaching effectiveness;
- 7 draft a lesson plan on a music topic with at least two teaching approaches;
- 8 deliver a lesson to peers, along with at least one rubric and assessment;
- 9 assess the professional and personal qualities necessary to be a successful music teacher;



COURSE OUTLINE : MUSIC 130

D Credit – Degree Applicable

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10 develop and articulate their own philosophy of music education that addresses the role of music in society, the importance of music in human life, the function of schools in this context, and the nature of music as a subject.

STUDENT LEARNING OUTCOMES

- 1 Discuss the basics of American music education history and music education philosophy.
- 2 Observe, participate in, and reflect upon of a variety of teaching approaches.
- 3 Create and deliver effective lessons for instrumental, choral and/or classroom music.
- 4 Begin to establish a personal philosophy of music education.

COURSE CONTENT WITH INSTRUCTIONAL HOURS

	Description	Lecture	Lab	Total Hours
1	Why are you here? <ul style="list-style-type: none"> • The role of music in your life • your most influential teacher • effective teaching. 	3	0	3
2	Historical and philosophical overview of music education in the U.S. <ul style="list-style-type: none"> • Standards • Goals • Objectives • The professional music education community 	6	0	6
3	Teaching observation I	3	8	11
4	Learning theories <ul style="list-style-type: none"> • Pavlov • Thorndike • Skinner • Guthrie • Bandura • Maslow • Gardner • Gordon 	6	0	6
5	Teaching observation II	3	8	11



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6	Approaches to music education <ul style="list-style-type: none"> • Kodaly • Orff • Dalcroze • Other approaches 	9	3	12
7	Current approaches <ul style="list-style-type: none"> • choral • instrumental • primary general music education • secondary general music education 	9	3	12
8	Teaching observation III	3	8	11
9	Development and delivery of own lesson plan.	6	16	22
10	Revisit and revise own philosophy of music education.	6	8	14
				108

OUT OF CLASS ASSIGNMENTS

- 1 Teaching observations at local school's K-12 music programs.
- 2 Creation of lesson plans.
- 3 Writing article summaries.
- 4 Journaling.

METHODS OF EVALUATION

- 1 Midterm examinations
- 2 Oral assignments: in-class discussions, peer reviews
- 3 Project: in-class teaching demos
- 4 Final examination

METHODS OF INSTRUCTION

- Lecture
- Laboratory
- Studio
- Discussion
- Multimedia



Tutorial

- Independent Study
- Collaboratory Learning
- Demonstration
- Field Activities (Trips)
- Guest Speakers
- Presentations

TEXTBOOKS

Title	Type	Publisher	Edition	Medium	Author	ISBN	Date
Music Education in Your Hands: An Introduction for Future Teachers	Required	Routledge	1		Michael L. Mark	9780415800907	2010
Musician and Teacher: An Orientation to Music Education	Supplemental	W. W. Norton	1		Patricia Campbell	978-0393927566	2007



COURSE OUTLINE : MUSIC 179

D Credit – Degree Applicable

COURSE ID

PROPOSAL

COURSE DISCIPLINE : MUSIC

COURSE NUMBER : 179

COURSE TITLE (FULL) : Studio Recording and Mixing I

COURSE TITLE (SHORT) : Studio Rec/Mix I

CALIFORNIA STATE UNIVERSITY SYSTEM C-ID : N/A

CATALOG DESCRIPTION

MUSIC 179 is an intermediate level audio recording and production class. The course covers tracking and recording audio, mixing sessions, using hardware and software based signal processing, and understanding signal flow at an intermediate level. Students will experience hands on use of analog and digital technology including a large format recording console, outboard dynamic processing, digital audio workstations, plugins, and a variety of microphones for audio engineering. The course offers students practical projects and practice in recording and mixing.

CATALOG NOTES N/A

Total Lecture Units:1.50

Total Laboratory Units: 0.50

Total Course Units: 2.00

Total Lecture Hours:27.00

Total Laboratory Hours: 27.00

Total Laboratory Hours To Be Arranged: 0.00

Total Contact Hours: 54.00

Recommended Preparation: N/A

PRECONDITIONS FOR ENROLLMENT

And/Or	Course	Type	Req. Is Being
	MUSIC - 178 - Introduction To Recording	Prerequisite	Added



COURSE OUTLINE : MUSIC 179

D Credit – Degree Applicable

COURSE ID

Or	MUSIC - 177 - Introduction To Music Technology	Prerequisite	Added
Or	MUSIC - 181 - Live Sound I	Prerequisite	Added
Or	MUSIC - 184 - Electronic Music I	Prerequisite	Added

ENTRY STANDARDS

	Subject	Number	Title	Description	Include
1	MUSIC	178	Introduction To Recording	Explain sound, hearing, and acoustics concepts;	Yes
2	MUSIC	178	Introduction To Recording	describe the principles of signal processing;	Yes
3	MUSIC	178	Introduction To Recording	discuss the differences in studio types and designs;	Yes
4	MUSIC	178	Introduction To Recording	explain microphone designs, characteristics, and applications;	Yes
5	MUSIC	178	Introduction To Recording	discuss speakers and monitoring concepts;	Yes
6	MUSIC	178	Introduction To Recording	explain proper signal flow in a recording system	Yes
7	MUSIC	178	Introduction To Recording	describe current audio recording procedures;	Yes
8	MUSIC	178	Introduction To Recording	explain the processes, hardware, and software used in digital recording;	Yes
9	MUSIC	178	Introduction To Recording	understand common editing procedures and possibilities for recorded audio;	Yes
10	MUSIC	178	Introduction To Recording	describe audio console operation and basic mixing concepts;	Yes
11	MUSIC	178	Introduction To Recording	explain current audio formats;	Yes
12	MUSIC	178	Introduction To Recording	summarize the different roles and processes involved in recording;	Yes
13	MUSIC	177	Introduction To Music Technology	demonstrate a working knowledge of the basic concepts and terminology of music technology;	Yes
14	MUSIC	177	Introduction To Music Technology	explain the fundamentals of sound including waveforms, frequency, amplitude, and harmonics;	Yes



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15	MUSIC	177	Introduction To Music Technology	demonstrate a conceptual and practical understanding of audio recording, audio editing, and signal processing;	Yes
16	MUSIC	177	Introduction To Music Technology	describe the properties and components of audio recording systems;	Yes
17	MUSIC	181	Live Sound I	describe the principles of signal flow as related to live sound;	Yes
18	MUSIC	181	Live Sound I	describe microphone designs, characteristics, selection, and applications as related to live sound;	Yes
19	MUSIC	181	Live Sound I	describe signal processing and its applications to live sound;	Yes
20	MUSIC	181	Live Sound I	understand monitoring and monitoring systems in live sound;	Yes
21	MUSIC	181	Live Sound I	understand the principles of room acoustics and how sound interacts with various room environments;	Yes
22	MUSIC	181	Live Sound I	understand the fundamental differences between digital and analog consoles;	Yes
23	MUSIC	181	Live Sound I	demonstrate proper equipment care and maintenance procedures and display an awareness of common industry practices;	Yes
24	MUSIC	184	Electronic Music I	explain and demonstrate effects processing in electronic music production.	Yes

EXIT STANDARDS

- 1 Set up console, hardware, and DAW routing in a typical multitrack mix project workflow;
- 2 configure the console, hardware, and DAW in tracking sessions for different genres of music and groups of musicians;
- 3 patch outboard equipment as an insert in an analog console or digital audio workstation;
- 4 demonstrate the ability to monitor or print signal processing and develop the insight to choose between the two;
- 5 connect microphones using various microphone preamplifiers and judge the aesthetic sound quality produced;
- 6 choose appropriate microphones for various acoustic and electric instruments, voices, and ensembles;
- 7 mix audio volume and panorama with an ear toward balance and symmetry
- 8 demonstrate the ability to use equalization to shape the frequency of sound and dynamics to modify the amplitude in a fitting and aesthetically pleasing manner;



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- 9 place microphones with commonly used microphone techniques on instruments, voices, and ensembles;
- 10 illustrate signal flow with analog, digital, or hybrid recording and mixing systems;
- 11 operate an analog console with digital and analog signal processing.

STUDENT LEARNING OUTCOMES

- 1 Operate a large format console with patchbay and outboard equipment in a professional studio environment for recording or mixing
- 2 Mix multitrack audio projects with consideration towards aesthetically pleasing balance and panorama, fitting use of equalization, and appropriate use of dynamics and time based processing
- 3 Capture audio recordings of various acoustic and electric instruments, voices, and ensembles using appropriate microphone choice, placement, and technique

COURSE CONTENT WITH INSTRUCTIONAL HOURS

	Description	Lecture	Lab	Total Hours
1	Recording Audio <ul style="list-style-type: none"> • Microphone type • Microphone Preamplifier • Stereo Mic Techniques • Capturing acoustic instruments • Capturing electric instruments • Capturing the drum set • Capturing the voice • Capturing ensembles • Critical listening • Hands on recording- practice and projects 	11	11	22



2	<p>The Console, Outboard, Signal Flow and Processing</p> <ul style="list-style-type: none"> • The channel strip • Channel EQ • The monitor section • Signal flow and routing on an in line console • The master section and processing • The patch bay • Outboard equipment insert signal flow and processing • Outboard equipment sends signal flow and processing • Cue Sends • Configurations for tracking • Configurations for mixing • Control surface functionalities • Hands on operation- practice and projects 	6	6	12
3	<p>Mixing</p> <ul style="list-style-type: none"> • Monitoring • Digital, Analog, and Hybrid Workflows • Submasters, VCA's, and Groups • Inserts- eq and dynamics processing • Sends and time based processing • The master bus • Adjusting timing and pitch • Cleaning up the audio • More advanced operations- width, automation, parallel processing • Critical listening • Hands on mixing- practice and projects 	10	10	20
				54

OUT OF CLASS ASSIGNMENTS

- 1 Reading assigned chapters
- 2 listening and analysis (e.g. listening to Sgt. Pepper's Lonely Hearts Club Band and providing a description of recording techniques that are heard)
- 3 exercises (e.g. set up and capture a multi mic recording of the drum set)
- 4 projects (e.g. mix and bounce a multi-track session including the application of appropriate signal processing)



METHODS OF EVALUATION

- 1 class discussions and contribution;
- 2 midterm project and exercise evaluations;
- 3 final project evaluations;
- 4 midterm examinations;
- 5 final examinations.

METHODS OF INSTRUCTION

- Lecture
- Laboratory
- Studio
- Discussion
- Multimedia

- Tutorial
- Independent Study
- Collaboratory Learning
- Demonstration
- Field Activities (Trips)
- Guest Speakers
- Presentations

TEXTBOOKS

Title	Type	Publisher	Edition	Medium	Author	IBSN	Date
Modern Recording Techniques	Required	Routledge	9	print	Huber, Miles	9781138954373	2017
The Recording Engineer's Handbook	Required	Bobby Owsinski Media Group	4	print	Owsinski, Bobby	978-0998503301	2017
The Mixing Engineer's Handbook	Required	Bobby Owsinski Media Group	4	print	Owsinski, Bobby	978-0988839182	2017



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Mic It!: Microphones, Microphone Techniques, and Their Impact on the Final Mix	Required	Focal Press	1	Print	Corbett, Ian	978-0415823777	2014
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COURSE OUTLINE : MUSIC 181

D Credit – Degree Applicable

COURSE ID

PROPOSAL

COURSE DISCIPLINE : MUSIC

COURSE NUMBER : 181

COURSE TITLE (FULL) : Live Sound I

COURSE TITLE (SHORT) : Live Sound I

CALIFORNIA STATE UNIVERSITY SYSTEM C-ID : CMUS 120X

CATALOG DESCRIPTION

MUSIC 181 is an overview of live sound reinforcement in the music industry. Basic theories of sound system operation, room acoustics, and practical applications will be studied. The setup and operation of sound system components such as microphones, mixing consoles, signal processors, amplifiers, and speakers systems is included. Analog and digital mixing and transmission technologies will be explored. Students will be expected to participate in hands-on experiences with system design, setup, troubleshooting, sound checking, mixing, and recording of live music events.

CATALOG NOTES N/A

Total Lecture Units:1.50

Total Laboratory Units: 0.50

Total Course Units: 2.00

Total Lecture Hours:27.00

Total Laboratory Hours: 27.00

Total Laboratory Hours To Be Arranged: 0.00

Total Contact Hours: 54.00

Recommended Preparation:

MUSIC - 177 - Introduction To Music Technology

MUSIC - 178 - Introduction To Recording



PRECONDITIONS FOR ENROLLMENT

And/Or	Course	Type	Req. Is Being
	MUSIC - 177 - Introduction To Music Technology	Recommended Preparation	Added
Or	MUSIC - 178 - Introduction To Recording	Recommended Preparation	Added

ENTRY STANDARDS

	Subject	Number	Title	Description	Include
1	MUSIC	177	Introduction To Music Technology	explain the fundamentals of sound including waveforms, frequency, amplitude, and harmonics;	Yes
2	MUSIC	178	Introduction To Recording	explain sound, hearing, and acoustics concepts;	Yes

EXIT STANDARDS

1. Demonstrate a working knowledge of the basic concepts and terminology of live sound reinforcement;
2. describe the principles of signal flow as related to live sound;
3. describe microphone designs, characteristics, selection, and applications as related to live sound;
4. describe signal processing and its applications to live sound;
5. explain monitoring and monitoring systems in live sound;
6. diagnose and troubleshoot common problems that occur in live sound reinforcement;
7. describe the principles of room acoustics and how sound interacts with various room environments;
8. recognize the fundamental differences between digital and analog consoles;
9. demonstrate proper equipment care and maintenance procedures and display an awareness of common industry practices;
10. participate in the design, setup, operation, and teardown of a sound reinforcement system for live music events;
11. perform a basic mix for live music events of various genres.



STUDENT LEARNING OUTCOMES

- 1 Design a sound system solution complete with all specific needed equipment, cost, connection diagrams, and system placement for a given concert and budget.
- 2 Set up and properly connect all components of a sound system from a stored state and perform a ringing out procedure.
- 3 Perform a successful mains mix of a live music concert with signal chains that include signal processing and sends to a monitor mix.

COURSE CONTENT WITH INSTRUCTIONAL HOURS

	Description	Lecture	Lab	Total Hours
1	Fundamentals of Sound <ul style="list-style-type: none"> • Sound waves • Frequency and Amplitude • Propagation • Decibels, signal levels, and intensity levels • Phase and relationships 	3	0	3
2	Sound and the Audio Environment <ul style="list-style-type: none"> • Air and the speed of sound • Reflection, diffusion, and reverberation • Absorption and diffraction • Working with the environment 	1.5	0	1.5
3	Audio Input Devices <ul style="list-style-type: none"> • Microphones • Impedance • Wireless microphones • Direct inject (DI) boxes 	1.5	0	1.5
4	Audio Output Devices <ul style="list-style-type: none"> • Loudspeakers • Drivers, crossovers, and enclosures • Passive vs. active speakers • Specifications and speaker selection 	1.5	0	1.5



5	<p>Amplifiers</p> <ul style="list-style-type: none"> • Current vs. voltage • Pre and power amplifiers • Classifications and power ratings • Operational options and considerations • Specifications and amplifier selection 	1.5	0	1.5
6	<p>Cables and Device Connections</p> <ul style="list-style-type: none"> • Balanced vs. unbalanced connections • Patches, inserts, and direct outputs • Signal levels • Troubleshooting mixtures of levels and connection types • Speaker cables and signals 	1.5	0	1.5
7	<p>Digital Audio</p> <ul style="list-style-type: none"> • How sound is represented in binary • Digital vs. analog • Conversion • Digital signal processing 	1	0	1
8	<p>Signal Processing and Effects</p> <ul style="list-style-type: none"> • Equalizers and types of EQ • Compressors and limiters • Expanders and noise gates • Digital delays • Modulation effects • Reverberation effects 	1.5	0	1.5
9	<p>Analog Consoles</p> <ul style="list-style-type: none"> • Overview and layouts • Inputs and input channels • Busses • Grouping • Main, monitor, and cue mixes • Inserts, sends, and returns • Gain structure • Specifications and console selection 	3	3	6



10	<p>Digital Consoles</p> <ul style="list-style-type: none"> • Differences between digital and analog consoles • Control surface • Layers and configurations • Recall and memory • Digital audio networking • Advantages of digital 	3	3	6
11	<p>Sound System Design</p> <ul style="list-style-type: none"> • Considerations and primary use • Indoor vs. outdoor • Mixing position • Speaker and microphone placements • Power requirements and issues • Safety issues 	3	0	3
12	<p>Microphone Usage</p> <ul style="list-style-type: none"> • Rules of microphone usage • Source, distance, phasing, and sound quality • Handling issues • Vocal micing • Instrument and ensemble micing • Stereo and multi-mic techniques 	3	3	6
13	<p>Pre-Performance Tasks</p> <ul style="list-style-type: none"> • Planning • Setup and powering up • Testing, tuning, and ringing out • The sound check 	0.5	3	3.5
14	<p>Performance Tasks</p> <ul style="list-style-type: none"> • Performance ability and tasks • Basic mains mixing • Enhancing the mix • Monitor mixing • Recording the performance • Performance notes 	1	12	13



15	Post-Performance Tasks <ul style="list-style-type: none"> • Powering down and teardown • Equipment security storage • Post performance evaluation 	0.5	3	3.5
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OUT OF CLASS ASSIGNMENTS

- 1 Reading assigned texts
- 2 observation and analysis (e.g. shadowing a live sound engineer as they mix);
- 3 exercises (e.g. setup microphones and ring out a sound system);
- 4 projects (e.g. design a sound system complete with full equipment list and setup diagram for a given performance);
- 5 mixing (e.g. perform as the mains mix engineer for a live concert performance).

METHODS OF EVALUATION

- 1 class discussions;
- 2 midterm project evaluations;
- 3 final project evaluation;
- 4 midterm examinations;
- 5 final examination.

METHODS OF INSTRUCTION

- Lecture
- Laboratory
- Studio
- Discussion
- Multimedia
- Tutorial
- Independent Study
- Collaboratory Learning
- Demonstration
- Field Activities (Trips)



COURSE OUTLINE : MUSIC 181
D Credit – Degree Applicable
COURSE ID

- Guest Speakers
- Presentations

TEXTBOOKS

Title	Type	Publisher	Edition	Medium	Author	IBSN	Date
Introduction to Live Sound Reinforcement: The Science, the Art, and the Practice	Required	Friesen Press			Teddy Boyce	9781460238905	2018



COURSE OUTLINE : MUSIC 184

D Credit – Degree Applicable

COURSE ID

PROPOSAL

COURSE DISCIPLINE : MUSIC

COURSE NUMBER : 184

COURSE TITLE (FULL) : Electronic Music I

COURSE TITLE (SHORT) : Electronic Music I

CALIFORNIA STATE UNIVERSITY SYSTEM C-ID : CMUS 110X

CATALOG DESCRIPTION

MUSIC 184 introduces the techniques and elements of electronic music production. Analog and digital synthesis techniques will be explored and students will learn to craft original sounds with these synthesis techniques. The principles and techniques of digital sampling and Musical Digital Instrument Interface (MIDI) sequencing will be studied. Compositions utilizing electronic music techniques will be created.

CATALOG NOTES N/A

Total Lecture Units:1.50

Total Laboratory Units: 0.50

Total Course Units: 2.00

Total Lecture Hours:27.00

Total Laboratory Hours: 27.00

Total Laboratory Hours To Be Arranged: 0.00

Total Contact Hours: 54.00

Recommended Preparation:

MUSIC - 177 - Introduction To Music Technology

PRECONDITIONS FOR ENROLLMENT

And/Or	Course	Type	Req. Is Being
	MUSIC - 177 - Introduction To Music Technology	Recommended Preparation	Added



ENTRY STANDARDS

	Subject	Number	Title	Description	Include
1	MUSIC	177	Introduction To Music Technology	Demonstrate a working knowledge of the basic concepts and terminology of music technology;	Yes
2	MUSIC	177	Introduction To Music Technology	Explain the fundamentals of sound including waveforms, frequency, amplitude, and harmonics.	Yes

EXIT STANDARDS

1. Identify basic historical developments, individuals, and practices in electronic music;
2. describe synthesis methods including subtractive, additive, frequency modulation (FM), wavetable, physical modeling, and granular;
3. describe the principles of digital sampling;
4. explain and demonstrate a variety of MIDI sequencing techniques;
5. demonstrate various synthesis methods;
6. demonstrate an ability to create original compositions and/or live performances utilizing synthesis and/or MIDI sequencing techniques;
7. explain and demonstrate effects processing in electronic music production.

STUDENT LEARNING OUTCOMES

- 1 Create a collection of original synthesizer patches utilizing multiple synthesis methods that demonstrates a variety of patch types.
- 2 Create a unique and playable sampler patch that demonstrates mapping and velocity switching and is based on originally recorded sounds.
- 3 Create an original electronic music composition that demonstrates a specific compositional technique as well as proficiency with MIDI sequencing techniques and effects processing.



COURSE CONTENT WITH INSTRUCTIONAL HOURS

	Description	Lecture	Lab	Total Hours
1	History of Electronic Music <ul style="list-style-type: none"> • Electronic before 1945 • Tape compositions • Fundamental concepts of electronic music • Analog synthesis and early synthesizers • Digital synthesis and computer music • Contemporary practices and styles of electronic music 	4.5	0	4.5
2	Components of Synthesis <ul style="list-style-type: none"> • Oscillators • Filters • Amplifiers 	3	0	3
3	Modulation and Control <ul style="list-style-type: none"> • Envelopes • Low frequency oscillators (LFOs) • Voltage control • MIDI control • Control routing • Sequencing and gates 	3	2	5
4	Synthesis Techniques <ul style="list-style-type: none"> • Analog synthesis • Digital synthesis • Subtractive • Additive • FM (frequency modulation) • Wavetable • Physical modeling • Granular 	3	2	5



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5	Sampling and Samplers <ul style="list-style-type: none"> • Multisampling and looping • Velocity switching • Articulations and key switching • Mapping 	1.5	2	3.5
6	Effects Processing <ul style="list-style-type: none"> • Dynamics • Filters and equalization (EQ) • Time and modulation effects • Reverberation 	4.5	0	4.5
7	MIDI and Sequencing <ul style="list-style-type: none"> • Hardware • Software • Sequencing • Editing • Messages • Specifications 	4.5	0	4.5
8	Sound Design and Electronic Music Composition <ul style="list-style-type: none"> • Listening and analysis of examples • Sound design exercises • Sound design projects • Composition exercises • Composition projects 	3	21	24
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OUT OF CLASS ASSIGNMENTS

- 1 reading
- 2 listening and analysis (e.g. listening to Dripsody and analyzing it for compositional techniques);
- 3 exercises (e.g. create an original patch using subtractive synthesis that can be modulated with an LFO);
- 4 projects (e.g. create a two minute project in a DAW that demonstrates a specific electronic composition practice using multiple synthesis techniques and effects processing).



METHODS OF EVALUATION

- 1 class discussions;
- 2 midterm project evaluations;
- 3 final cumulative project evaluation;
- 4 midterm examinations;
- 5 final examination.

METHODS OF INSTRUCTION

- Lecture
- Laboratory
- Studio
- Discussion
- Multimedia
- Tutorial
- Independent Study
- Collaboratory Learning
- Demonstration
- Field Activities (Trips)
- Guest Speakers
- Presentations

TEXTBOOKS

Title	Type	Publisher	Edition	Medium	Author	ISBN	Date
Electronic and Experimental Music	Required	Routledge	5		Thom Holmes	9781138792739	2015
Music Technology and the Project Studio: Synthesis and Sampling	Required	Routledge	1		Dan Hoskin	9780415997232	2012
Refining Sound: A Practical Guide to Synthesis and Synthesizers	Supplemental	Oxford University Press			Brian K. Shepard	9780199922963	2013



COURSE OUTLINE : MUSIC 187

D Credit – Degree Applicable

COURSE ID

PROPOSAL

COURSE DISCIPLINE : MUSIC

COURSE NUMBER : 187

COURSE TITLE (FULL) : Pro Tools I

COURSE TITLE (SHORT) : Pro Tools I

CALIFORNIA STATE UNIVERSITY SYSTEM C-ID : N/A

CATALOG DESCRIPTION

MUSIC 187 is an introductory course in the principles and operation of Pro Tools software. Fundamental software configuration, operation, and features are covered from project creation to session completion. Students build skills through hands-on Pro Tools projects that include audio and MIDI recording, mixing, editing, effects processing, external controllers and the use of virtual instruments. Students use Pro Tools in a variety of contexts including music and post, multitrack mixing, music production, and creation. This course also prepares students for the optional Pro Tools User certification exam in Pro Tools 101 and 110. The certification exam may be taken at the conclusion of the course.

CATALOG NOTES N/A

Total Lecture Units:3.00

Total Laboratory Units: 0.00

Total Course Units: 3.00

Total Lecture Hours:54.00

Total Laboratory Hours: 0.00

Total Laboratory Hours To Be Arranged: 0.00

Total Contact Hours: 54.00

Recommended Preparation:

MUSIC - 178 - Introduction To Recording



ENTRY STANDARDS

	Subject	Number	Title	Description	Include
1				N/A	Yes
2	MUSIC	178	Introduction To Recording	Explain sound, hearing, and acoustics concepts;	Yes
3	MUSIC	178	Introduction To Recording	describe the principles of signal processing;	Yes
4	MUSIC	178	Introduction To Recording	discuss the differences in studio types and designs;	Yes
5	MUSIC	178	Introduction To Recording	explain microphone designs, characteristics, and applications;	Yes
6	MUSIC	178	Introduction To Recording	discuss speakers and monitoring concepts;	Yes
7	MUSIC	178	Introduction To Recording	explain proper signal flow in a recording system;	Yes
8	MUSIC	178	Introduction To Recording	describe current audio recording procedures;	Yes
9	MUSIC	178	Introduction To Recording	explain the processes and equipment involved in analog recording;	Yes
10	MUSIC	178	Introduction To Recording	explain the processes, hardware, and software used in digital recording;	Yes
11	MUSIC	178	Introduction To Recording	describe common editing procedures and possibilities for recorded audio;	Yes
12	MUSIC	178	Introduction To Recording	describe audio console operation and basic mixing concepts;	Yes
13	MUSIC	178	Introduction To Recording	explain current audio formats;	Yes
14	MUSIC	178	Introduction To Recording	summarize the mastering process and mastering techniques;	Yes
15	MUSIC	178	Introduction To Recording	summarize the different roles and processes involved in recording;	Yes
16	MUSIC	178	Introduction To Recording	recognize current methods of audio product manufacturing.	Yes



EXIT STANDARDS

- 1 Describe what Pro Tools software is;
- 2 configure a Pro Tools hardware and software system;
- 3 demonstrate proper file and session management;
- 4 operate and configure Pro Tools sessions;
- 5 demonstrate audio and MIDI recording techniques;
- 6 demonstrate audio, MIDI, and video import;
- 7 operate virtual instruments and real-time plugins;
- 8 demonstrate basic mixing, signal routing, and automation techniques;
- 9 manipulate clips, markers, fades, notes, tempo, timing and pitch;
- 10 demonstrate editing techniques for audio, MIDI, and video;
- 11 produce session bounces, backups, and mix downs;
- 12 complete hands-on Pro Tools projects.

STUDENT LEARNING OUTCOMES

- 1 identify the fundamental elements, features, and capabilities of Pro Tools software set and its various related hardware systems
- 2 operate the basic set-up, editing, and file management features of Pro Tools software
- 3 demonstrate basic audio and MIDI recording and editing techniques in Pro Tools
- 4 complete Pro Tools projects that utilize editing, signal processing, automation, and mixing techniques

COURSE CONTENT WITH INSTRUCTIONAL HOURS

	Description	Lecture	Lab	Total Hours
1	Pro Tools Introduction <ul style="list-style-type: none"> • Pro Tools systems, configurations and options • Digital audio basics • File structure and formats 	4	0	4
2	Pro Tools Elements <ul style="list-style-type: none"> • Navigation • Playback • Creating a session 	6	0	6



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3	Basic Recording <ul style="list-style-type: none"> • Track types • Audio recording and setup • MIDI recording setup and virtual instruments 	11	0	11
4	Importing Media	1	0	1
5	Basic Editing Techniques in Pro Tools	7	0	7
6	Basic Pro Tools Mixing <ul style="list-style-type: none"> • Topology • Signal flow • Inserts and sends • Real time plugins 	11	0	11
7	Customizing Pro Tools <ul style="list-style-type: none"> • Optimizing performance • I/O setup • Control surfaces 	1	0	1
8	Further Recording <ul style="list-style-type: none"> • Loop recording • Punch in recording • Overdubbing 	4	0	4
9	Track Timbases, Elastic Audio, and Virtual Instruments	4	0	4
10	Further Mixing <ul style="list-style-type: none"> • Working with submasters • Track grouping • Automation 	4	0	4
11	Finishing a Project <ul style="list-style-type: none"> • Creating a backup • Bouncing 	1	0	1
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OUT OF CLASS ASSIGNMENTS

- 1 Reading assigned texts;
- 2 listening and analysis (e.g. listening to Sgt. Pepper’s Lonely Hearts Club Band and providing a description of recording techniques that are heard)
- 3 exercises (e.g. edit and rearrange the words of recorded dialogue in a DAW)
- 4 projects (e.g. mix and bounce a multi-track session including the application of appropriate signal processing)

METHODS OF EVALUATION

- 1 class discussions;
- 2 quizzes;
- 3 project evaluations;
- 4 midterm examinations;
- 5 final examinations.

METHODS OF INSTRUCTION

- Lecture
- Laboratory
- Studio
- Discussion
- Multimedia
- Tutorial
- Independent Study
- Collaboratory Learning
- Demonstration
- Field Activities (Trips)
- Guest Speakers
- Presentations

TEXTBOOKS

Title	Type	Publisher	Edition	Medium	Author	ISBN	Date
Pro Tools 101 Pro Tools Fundamentals I	Required	Avid Technology		print	Cook, Frank	9781943446100	2015



COURSE OUTLINE : MUSIC 187
D Credit – Degree Applicable
COURSE ID

Pro Tools Fundamentals II	Required	Avid Technology		print	Cook, Frank	978194344 6124	2015
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COURSE OUTLINE : POL S 114
D Credit – Degree Applicable
COURSE ID 004150

PROPOSAL

COURSE DISCIPLINE : POL S
COURSE NUMBER : 114
COURSE TITLE (FULL) : Introduction to the American Legal Tradition
COURSE TITLE (SHORT) : American Legal Tradition
CALIFORNIA STATE UNIVERSITY SYSTEM C-ID :

CATALOG DESCRIPTION

POL S 114 is an introduction to law in the United States. It addresses key historical developments and philosophical debates that shape how conflict is resolved. Conflicts in the areas of civil liberties and civil rights, as well as contemporary legal issues, are addressed. This course satisfies a requirement for the Law Pathway program.

CATALOG NOTES N/A

Total Lecture Units:3.00

Total Laboratory Units: 0.00

Total Course Units: 3.00

Total Lecture Hours:54.00

Total Laboratory Hours: 0.00

Total Laboratory Hours To Be Arranged: 0.00

Total Contact Hours: 54.00

Recommended Preparation:

POL S - 101 - Introduction To Government



PRECONDITIONS FOR ENROLLMENT

And/Or	Course	Type	Req. Is Being
	ENGL - 120 - Composition and Reading	Prerequisite	Added
Or	ESL - 151 - Reading And Composition V	Prerequisite	Added
Or	ENGL - 100 - Writing Workshop	Prerequisite	Added

ENTRY STANDARDS

	Subject	Number	Title	Description	Include
1	ENGL	120	Composition and Reading	Compose thesis-based essays at a first-year college level;	Yes
2	ENGL	120	Composition and Reading	use detailed examples, facts, logical explanations, and other appropriate support for thesis statements;	Yes
3	ENGL	120	Composition and Reading	critically analyze selected prose works dealing with important contemporary issues;	Yes
4	ENGL	120	Composition and Reading	summarize, analyze, and synthesize information, express and apply standards for judgment, compare and contrast, and evaluate evidence in order to form and state reasoned opinions;	Yes
5	ENGL	120	Composition and Reading	gather and organize information through library research;	Yes
6	ENGL	120	Composition and Reading	demonstrate a command of grammar, diction, syntax, and mechanics sufficient for college level work: control of standard English at the sentence level, with few major errors in grammar and punctuation.	Yes
7	ESL	151	Reading And Composition V	read and critically analyze various academic readings;	Yes
8	ESL	151	Reading And Composition V	summarize readings;	Yes
9	ESL	151	Reading And Composition V	organize fully-developed essays in both expository and argumentative modes;	Yes



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10	ESL	151	Reading And Composition V	compose a 500 to 550-word essay which: summarizes and cites appropriately a reading passage; includes a clear thesis statement; uses evidence to support the thesis; shows clear organization into an introduction, body, and conclusion;	Yes
11	ESL	151	Reading And Composition V	revise writing to eliminate errors in syntax, and grammatical constructions;	Yes
12	ESL	151	Reading And Composition V	employ basic library research techniques;	Yes

13	ESL	151	Reading And Composition V	compose one research paper (1,000 words) or two short research papers (500/700 words each) with citations.	Yes
14	POL S	101	Introduction To Government	describe the theoretical basis of government;	Yes
15	POL S	101	Introduction To Government	describe and evaluate the impact of federalism;	Yes
16	POL S	101	Introduction To Government	analyze the elements of the federal Constitution and the California Constitution;	Yes
17	POL S	101	Introduction To Government	evaluate the basic institutions of American government and the State of California;	Yes
18	POL S	101	Introduction To Government	evaluate political processes such as elections and interest groups affecting American government and California;	Yes
19	POL S	101	Introduction To Government	critique selected public policies;	Yes
20	POL S	101	Introduction To Government	analyze the role of culture, diversity, and ideology in shaping public opinion and public policy in the United States and California.	Yes
21	ENGL	100	Writing Workshop	read, analyze, and evaluate contemporary articles and stories to identify topic, thesis, support, transitions, conclusion, audience, and tone;	Yes
22	ENGL	100	Writing Workshop	read, analyze, and evaluate contemporary articles and stories for the comprehension of difficult content and the identification of main ideas and (topic-based) evidence;	Yes



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23	ENGL	100	Writing Workshop	read, analyze, and evaluate student compositions for unity, development, use of evidence, interpretation, coherence, and variety of sentence form;	Yes
24	ENGL	100	Writing Workshop	write a summary of a contemporary article or story with correct citation techniques;	Yes
25	ENGL	100	Writing Workshop	write an argumentative essay that has an introduction, body paragraphs, and a conclusion, demonstrating a basic understanding of essay organization;	Yes
26	ENGL	100	Writing Workshop	write an argumentative essay that addresses the topic, is directed by a thesis statement, uses appropriate textual evidence, develops logical interpretations, and concludes with some compelling observations;	Yes
27	ENGL	100	Writing Workshop	write an argumentative essay that integrates the ideas of others (i.e., authors) through paraphrasing, summarizing, and quoting with correct citation techniques;	Yes
28	ENGL	100	Writing Workshop	write an argumentative essay that generates novel ideas (those that add to the conversation rather than repeating the author's ideas) related to the topic and the readings;	Yes
29	ENGL	100	Writing Workshop	write compositions (e.g., summaries and argumentative essays) that are easy to read and follow, though some errors in grammar, mechanics, spelling, or diction may exist;	Yes
30	ENGL	100	Writing Workshop	proofread and edit essays for content, language, citation, and formatting problems.	Yes

EXIT STANDARDS

1. Describe the U.S. Constitutional framework including the structure of government and federalism;
2. explain the relationship between federalism and the law and incorporation of the Bill of Rights;
3. compare and contrast the concepts of civil liberties and civil rights and the conflicts and legal resolutions related to them;
4. identify the constitutional provisions that establish the concepts of political equality;
5. identify and explain the significance of current conflicts and cases under consideration by the Supreme Court.



STUDENT LEARNING OUTCOMES

- 1 Critically analyze and evaluate the American legal system and the key debates that have shaped constitutional law over time
- 2 Apply legal precedent and tests to judicial case studies

COURSE CONTENT WITH INSTRUCTIONAL HOURS

	Description	Lecture	Lab	Total Hours
1	Origins of Resolution of Conflict in the United States <ul style="list-style-type: none"> • Common Law Tradition • The United States Constitution • The Bill of Rights • Incorporation 	10	0	10
2	Structure of US Government and the Legal System <ul style="list-style-type: none"> • Separation of Powers • Federalism • State and Local Law • The Federal Court System 	6	0	6
3	Conflicts of Rights: Civil Liberties <ul style="list-style-type: none"> • Freedom of Religion • Freedom of Speech • Freedom of the Press • Right to Bear Arms • Rights of the Criminally Accused 	10	0	10
4	Legal Equality <ul style="list-style-type: none"> • Equal Protection Clause • Due Process 	8	0	8
5	Civil Rights Conflicts <ul style="list-style-type: none"> • Discrimination • Voting • Representation 	10	0	10



6	Current Conflicts and Controversies <ul style="list-style-type: none"> • Substantive Due Process • Executive Power • Immigration and the Law • Unions and the Law • Politicization of the judicial system: elections and campaign spending 	10	0	10
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OUT OF CLASS ASSIGNMENTS

- 1 legal brief (e.g., prepare a legal brief for the Tinker v. Des Moines);
- 2 online assignments completed with an approved LMS (e.g., respond on a discussion board about Brown v. Education);
- 3 research assignment (e.g., short paper about one current issue before the Supreme Court).

METHODS OF EVALUATION

1. in-class student presentations;
2. unit exams
3. final exam.

METHODS OF INSTRUCTION

- Lecture
- Laboratory
- Studio
- Discussion
- Multimedia
- Tutorial
- Independent Study
- Collaboratory Learning
- Demonstration
- Field Activities (Trips)
- Guest Speakers
- Presentations



COURSE OUTLINE : POL S 114
D Credit – Degree Applicable
COURSE ID 004150

TEXTBOOKS

Title	Type	Publisher	Edition	Medium	Author	ISBN	Date
Constitutional Law for a Changing America	Required	Sage Press	10	Print	Epstein, L.	978-1506380308	2015
American Law and Legal Systems	Required	Routledge	8	Print	Calvi, J.	9781138654396	2016
Essential Supreme Court Decisions	Required	Rowman & Littlefield	17	Print	Vile, J.	1538111969	2018