Las Positas College

Curriculum Committee Meeting

8/19/2024

5.0 First Reading Packet

5.1 Course Deactivations

- POLI 26 Introduction to Gender, Sexuality, and Politics **Fall 2025**

Justification for Deactivation:

Being replaced with an Introduction to the Politics of Race and Gender course.

Las Positas College
3000 Campus Hill Drive
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Course Outline for POLI 26

INTRODUCTION TO GENDER, SEXUALITY, AND POLITICS

Effective: Fall 2025

I. CATALOG DESCRIPTION:
POLI 26 — INTRODUCTION TO GENDER, SEXUALITY, AND POLITICS — 3.00 units

Gender, Sexuality, and Politics illustrates that politics involves more than the institutions of government and representation. Politics also revolves around social, cultural, economic, and legal structures as well. The course examines the impact of politics on the lives of cis women and LGBTQ people and their reciprocal impact on politics, primarily in United States but contextualized using intersectional and comparative methods. Students will think critically about the theories and relationship of gender, sexuality, and power. Assessment of the role and impact of individuals, groups, and cultural attitudes and traditions involved in the women's and LGBTQ rights movements, exploring the debates over theory and strategy that have worked to their advantage and disadvantage to achieve social policy aimed at bringing equality. The course uses historical and topical approaches, analyzing the struggles for gaining a political voice and participation, with discussion of public policies, and a critique of contemporary issues and self-perceptions that affect cis women and LGBTQ people's political rights.

3.00 Units Lecture

Recommended Course Preparation
POLI 7 - Introduction to American Government
with a minimum grade of C

Grading Methods:
Letter or P/NP

Discipline:
- Political Science

	MIN
Lecture Hours:	54.00
Expected Outside of Class Hours:	108.00
Total Hours:	162.00

II. NUMBER OF TIMES COURSE MAY BE TAKEN FOR CREDIT: 1

III. PREREQUISITE AND/OR ADVISORY SKILLS:

Before entering this course or in conjunction with it, the following preparation is recommended for the student (not required):

A. POLI7

IV. MEASURABLE OBJECTIVES:

Upon completion of this course, the student should be able to:

A. Assess the importance of studying and understanding the role of gender and sexuality in American and global politics
B. Identify and critically analyze the major theoretical perspectives that conceptualizes gender and sexuality in politics
C. Identify and examine significant historical periods and events relating to politics and gender, including the contemporary political barriers confronting cis gendered women and gender and sexual minorities in politics
D. Compare and contrast the work of organizing politically around issues of gender and sexuality, as well as the strategies, tactics, and methods employed
E. Identify and evaluate significant gender and sexuality identity movements, their success and/or failure, and their impact both domestically and internationally
F. Assess and analyze the contributions of gender and sexuality movements that developed into rights for cis gendered women and sexual and gender minorities in both the U.S. and global sphere
G. Identify and assess contributions by cis women and gender and sexual minorities of differing class, cultural, religious, and political identities, who participated in the development and practice of movements and rights, as well as their impact on political change in both global and U.S. contexts
H. Identify and assess aspects of multiculturalism and intersectionality in regards to cis women and sexual and gender minorities serving as political actors. To include Native-Americans, African-Americans, Latinx-Americans, Asian-Americans, Middle-Eastern Americans, and multiracial-Americans.

I. Analyze and critically assess the politics of gender roles, rights and democracy in the U.S. and globally
J. Examine the significance of representative identify in a pluralist society by critically analyzing gender roles, sexism, homo- and transphobia and intersectionality in U.S. politics
K. Compare and contrast the "representation" of cis women and sexual and gender minorities in the U.S. with other developed and developing countries, where women and sexual and gender minorities compete for elected political positions
L. Analyze and assess coalition building, electoral institutions, as well as party politics and leadership aiding or hindering the representation of cis women and gender and sexual minorities in the U.S. and globally
M. Evaluate and critique how the forms of governance and representation—including the use of quotas—in Europe, Africa, Latin America, Asia and the Middle East help or hinder the positioning of cis women and gender and sexual minorities in politics
N. Identify and critique the gender stereotypes, sexism, chauvinism, homophobia, and transphobia that affect cis women and gender and sexual minority political candidates and political actors in national, state, and local elections
O. Analyze and assess interest groups, PACs, lobbyist, and media impacts on popular attitudes regarding cis women and gender and sexual minorities of differing class, race, ethnicity, and religious identities, when severing as candidates as well as in elected and non-elected political offices in the U.S. and globally
P. Evaluate and critique the significance of state public policies on cis women and sexual and gender minorities in a federal system
Q. Assess and analyze the gender and sexuality gap regarding support and opposition for different and public policy areas
R. Examine and evaluate the development and impact that cis women and gender and sexual minorities have on political institutions and public policies, and the impact political institutions and public policy has on them
S. Critically analyze cis women and gender and sexual minorities currently serving in various political positions and contemporary political organizations reflecting differing political ideologies
T. Identify major contemporary theoretical perspectives in political science, critically analyzing how the discipline conceptualizes and disciplines cis women and gender and sexual minorities in politics

V. CONTENT:
A. Introduction to intersectional U.S. cis women and LGBTQ people's movements and political rights
B. Movements and rights in the U.S. with global perspectives
C. Movements, Rights and Democratization
1. Early historic movements, organizations and leaders promoting social norm shift, civil liberties, and rights, including intersectional perspectives such as Native Americans, African-Americans, Latino Americans, Asian Americans, Middle Eastern Americans
2. Later historic women rights organizations and leaders promoting democratization, civil liberties and rights, including intersectional perspectives
3. Compare and contrast domestic to international movements
D. Impact and results movements, such as
1. Action/legislation at the national, state, and local levels
2. Constitutional Amendments, the ERA, etc.
3. Supreme Court decisions: Bowers v. Hardwick, Lawrence v. Texas, Obergefell v. Hodges
E. Theoretical framework(s) for gender and sexuality politics
1. Cis women and LGBTQ people's perspectives, theories, and models of public policy, such as:
a. Feminism, feminist theory, queer theory, trans theory, anti-feminism, male chauvinism, masculinity studies, gender gap, and gender-role stereotypes, including consideration of culture, race, ethnic, religious and class differences in the U.S., with global considerations
1. Public versus private spheres, citizenship and democracy, political development, inequality, and the status of cis women and LGBTQ people in the U.S. and around the world
2. Ways in which the identities of cis women and LGBTQ people seek to engage and create political change, and the political significance of that engagement and change historically and in the contemporary period
3. Support and consciousness-raising groups moving beyond community and the workplace to seek change from social movements to politically elected, unelected, and appointed positions at the national, state, and local levels
F. Cis women and LGBTQ people's political roles and representation: challenges/successes in U.S. politics with consideration of global perspectives
1. Gender-role stereotypes, gender-gap, gender (in)equality and homo- and transphobia affecting candidates and campaigns
2. Cultural and social change in society with consideration for race, ethnicity, religion and class differences in the U.S. and around the world
3. Strategies and tactics for success, such as
a. Setting political goals, identifying popular support, and issue strategizing; competitive elected political positions, political activism, and the increasing access to political power in U.S. and globally
G. Rights to participation and access to political power
1. Theories and practices of participation and representation in democracy, such as,
a. Continuing discrimination, sexism, gender-gap, gender-role stereotypes, homo- and transphobia, and LGBTQ stereotypes, including intersectional considerations
2. Impact of political involvement and participation, such as
a. Cis women and LGBTQ people participating and representing in U.S. national, state, and local governments, and in developed and developing countries
1. Representatives, managing campaigns, serving on committees, city managers, et al.
b. Election rules, party politics, coalition building, partisan regimes, and concepts of fair representation and electoral quotas in other regions, including Africa, Latin America, Asia, and Middle East
H. Cis women and LGBTQ people in politics and American society
1. Cis women and LGBTQ people's participation in political institutions, processes, public policy at the national, state, and local levels. For example
a. The role of political parties, interest groups, lobbyists, PACS, donors, and the media in politics affecting cis women and LGBTQ people qua representatives, candidates in campaigns and elections, and public policy decision-making
b. The role of cis women and LGBTQ people in political parties, interest groups, lobbies, PACS, donors organization, and the media in politics
c. Challenges, expectations, and the role of cis women and LGBTQ people in the three branches of the federal government and importance of state and municipal governments
1. Case study of California cis women and LGBTQ people in politics
d. Impact and results of cis women and LGBTQ people in politics and government, with consideration of global perspectives
I. Public Policy Debates and Congressional Actions
1. Reconciliation rights, policies, and enforcement historically
a. Parenthood, equality and the family, such as,
1. Maternity, parental, paternity, family leave, Title IX, and the Equal Pay Act
b. Barriers to employment, promoting, and educating girls, LGBTQ youth, cis women, and LGBTQ people
c. Intersectional analysis of gender-role and LGBTQ stereotypes
2. Sexual harassment, discrimination, rights, policies, and enforcement across time
a. Title VII, EEOC, Meritor Savings Bank v. Vinson
3. Familial and reproductive rights, policies, and enforcement across time
a. Parenthood and the family, including

1. Intersectional analysis of marriage, domestic partnerships, family planning, reproductive assistance technologies and practices (egg and sperm donation, surrogacy, adoption, fostering, etc) health and child care, reproduction, abortion, gender-role stereotypes

b. Sexual violence, rights, policies, and enforcement, across time. For example,
   1. Sexual assault and rape, virginity tests, honor killings, genital mutilation practices

c. Equality in military service, sports, etc. Rights, policies, and enforcement, across time. For example,
   1. Rosie the Riveter; Women Air-Force Service Pilots (WASP's) to modern combat roles, Title IX, Don't Ask Don't Tell, The Trans Ban, etc

d. Cis women and LGBTQ people in perspective of various elected and unelected political positions, for example
   1. Cis women and LGBTQ people and political ideologies vs political and public positions
   2. Egs., What did feminists say about Sarah Palin and what do today's conservatives say about Barbara Lee?
   3. Role, impact and voting records

J. How political science conceptualizes and disciplines cis women and LGBTQ people in politics
   1. Feminist, Gender, and Sexuality Studies conceptualizes various political involvements of cis women and LGBTQ people, such as
      a. What do we gain from an interdisciplinary perspectives on women and politics? What are feminist critiques of the discipline of Political Science, especially of American Politics? What are the views of Women's Studies and Feminist, Gender, and Sexuality Studies expressed in current publications focused on American Politics

VI. METHODS OF INSTRUCTION:

A. **Audio-visual Activity** - Powerpoint, videos, audio recordings, podcasts.
B. **Classroom Activity** - Group work, writing intensive classroom setting, socratic lecture, debate, and all-class discussion.
C. **Critique** - Peer critiques of student writings. Student critiques of assigned readings.
D. **Discussion** -
E. **Individualized Instruction** - Writing assignments will include scaffolding and workshopping of thesis statements, outlines, and rough drafts, which will receive individualized feedback.
F. **Lecture** -
G. **Research** - Short assignments (homework and presentations) as well as papers.
H. **Student Presentations** - Introducing authors, context, and arguments before class discussion of a text.

VII. TYPICAL ASSIGNMENTS:

A. Assigned Textbook/Primary Source Reading/Writing assignment:
   1. Reading Chapter 1 of the textbook Women, Politics, and American Society, and 15th Amendment to U.S. Constitution, assess the involvement of cis women and LGBTQ people, and importantly that of African-Americans', relating to the language and debate and ratification of the 15th Amendment that ultimately did not include women.

B. Sample Research Paper:
   1. Choose an issue in gender, sexuality, and politics, such as "rape as a war crime" (instructor approval of topic required).
      a. Write a 5-6 page (1250-1500 words, citing 3 to 5 academic sources) research paper organized around a specific research question, thesis statement, literature review, and sub-argument that explains the issue you explored, the significance of your topic, and what, based on your research and your educated opinion, further action needs to be taken or questions need to be resolved regarding the political issue in question.

C. Sample small group work, individual class assignment, presentation:
   1. Students will do a tribute to an appointed or elected political official by researching their contributions and make a formal class presentation. (Instructor approval required.)

D. Example of Film/Book Review assignment:
   1. Based on approved topical book, film, or podcast on gender, sexuality, and politics, (list provided or instructor consent) write a reflection paper.
      a. Summarize the content
      b. Explain why you selected this particular text
      c. Present your personal reflections on the work

E. Example of Take-Home Essay Exam:
   1. You have been hired as the campaign manager for either Kirsten Gillibrand, Kamala Harris, Elizabeth Warren, Amy Klobuchar, Pete Buttigieg, Tulsi Gabbard, Marianne Williamson, presidential campaign. Using your textbook, class handouts, notes, and internet research answer the following questions.
      a. How would you describe the candidate's political philosophy? (Conservative, liberal, moderate, progressive, libertarian, something else?) What does that term mean for your candidate?
      b. Whose interests is your candidate in support of? (What groups, based on class, ethnicity, gender, sexuality, etc.)
      c. What particular policy areas are they focused on in the campaign and in their career prior to candidacy?
      d. What office does the candidate currently hold, or what non-political career are they in
      e. Describe the candidates political/career experience (positions held, main achievements, years in politics or career, what career did they have before politics, etc)
      f. What themes/policies have been the focus of your candidates campaign so far?
      g. Is their voting record and/or policy work consistent with the message they have been campaigning on so far? This is not just a yes or no answer, give us some detail
      h. Do you think this person is electable? In other words, do you think they would be popular enough with the general public to actually win the popular vote? Why or why not?
      i. Talk about their chances in the Electoral College
      j. How successful have they been at fundraising so far? How much money have they raised? Where has that money come from? Super PACs? Which ones? Small personal donations?
      k. How are they polling? Where do they stand compared to the rest of the field in terms of polling?
      l. Give us a quick and dirty biography of the person before they entered politics (family, education, where they grew up, and any other details you think are relevant.)
      m. What do you like most about this candidate? What do you like least about them
      n. Identify at least one significant perceived gender or LGBTQ stereotype to be portrayed in the media; why would you consider it a "stereotype"; how would you advise the campaign to handle that media perception, and why?
      o. Identify at least two significant public policies perceived to be "women's issues"; explain why each would be considered "women's issues"; what positions you would advise the campaign to take; why?
      p. Identify two significant interest groups' opposition tactics that could be used against a female or LGBTQ candidate; what specific counter-strategies might you use; why?
      q. Finally, as campaign manager, assess what roles and responsibilities the political party has in assisting a female or LGBTQ candidate during their campaign
      r. Based on the questions you answered for above, prepare a 3-sentence statement of why your candidate should be elected president (if you don't support them, pretend you've been hired to do their PR, so it's your job to get them elected)
      s. Based on the questions you answered for homework, prepare a 3-sentence statement of why your candidate should NOT be elected president (if you do support them, pretend you've been hired to do PR for one of their rivals. What would you put in the attack ad?)
      t. Which three of the assignment questions above do you think should be the most important when voters are choosing which presidential candidate to vote for?

u. Which three of the assignment questions do you think actually get the most media and public attention?
v. Why do you think that is? (Referring to the difference between questions 3 and 4 above)

VIII. EVALUATION:
Methods/Frequency

A. Exams/Tests
1 at end of semester
B. Quizzes
Daily (on reading assignment)
C. Papers
2
D. Oral Presentation
1
E. Group Projects
Weekly
F. Class Participation
Daily
G. Class Work
Daily
H. Home Work
Reading prior to each class

IX. TYPICAL TEXTS:

1. Basu, Amrita. *Women's Movements in the Global Era: The Power of Local Feminisms.* 2nd ed., Westview Press, 2017.
2. Ahmed, Sara. *Living a Feminist Life*. 1st ed., Duke University Press, 2017.
3. Alcoff, Linda, and John Caputo. *Feminism, Sexuality, and the Return of Religion (Indiana Series in the Philosophy of Religion).* 1st ed., Indiana University Press, 2011.
4. Euben, Roxanne. *Enemy in the Mirror: Islamic Fundamentalism and the Limits of Modern Rationalism.* 1st ed., Princeton University Press, 1999.
5. Foucault, Michel, and Robert Hurley. *The Care of the Self: Volume 3 of the History of Sexuality.* 1st ed., Vintage Books, 1986.
6. Self, Robert. *All in the Family: The Realignment of the American Democracy Since the 1960's.* 1st ed., Hill and Wang, 2013.
7. Puar, Jasbir. *Terrorist Assemblages: Homonationalism in Queer Times (Next Wave: New Directions in Women's Studies).* 10th Anniversary ed., Duke University Press, 2017.
8. Ahmed, Sara. *The Cultural Politics of Emotion.* 2nd ed., Routledge, 2014.
9. Mahmood, Saba. *Politics of Piety: The Islamic Revival and the Feminist Subject.* Reprint ed., Princeton University Press, 2012.
10. Halberstam, Judith. *In a Queer Time and Place: Transgender Bodies, Subcultural Lives (Sexual Cultures).* 1st ed., New York University Press, 2005.
11. Brown, Wendy. *Manhood and Politics: A Feminist Reading in Political Theory (New Feminist Perspectives).* 1st ed., Rowman & Littlefield, 1988.
12. Moraga, Cherríe, and Gloria Anzaldúa. *This Bridge Called My Back, Fourth Edition: Writings by Radical Women of Color.* 4th ed., State University of New York Press, 2015.
13. Currah, P. "Transgender Rights Without a Theory of Gender?." Tulsa Law Review Volume 52 2017.
14. Rohlinger, D.A. "Framing the Abortion Debate: Organizational Resources, Media Strategies, and Movement-Countermovemen." The Sociological Quarterly Volume 43 2002.
15. Staggenborg, S. and Meyer, D.S. "Movements, Countermovements, and the Structure of Political Opportunity." American Journal of Sociology Volume 101 1996.

X. OTHER MATERIALS REQUIRED OF STUDENTS:

A. Notebooks
B. 2 Greenbooks for final exam

5.2 Course Requisite Corrections

- CS 3 / CNT 7402 Red Hat Linux Administration II: **Recommended Course Preparation**
- MUS 18A Jazz/Pop Piano 1: **Recommended Course Preparation**
- VWT 32 Spring Vineyard Operations: **Recommended Course Preparation**
- VWT 33 Summer Viticulture Operations: **Recommended Course Preparation**
- VWT 41 Fall Winery Operations: **Recommended Course Preparation**
- VWT 42 Spring Winery Operations: **Recommended Course Preparation**

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Course Outline for CS 3

RED HAT LINUX ADMINISTRATION II

Effective: Fall 2025

I. CATALOG DESCRIPTION:
CS 3 — RED HAT LINUX ADMINISTRATION II — 3.00 units

This course focuses on the key tasks needed to become a full time Linux Administrator and to validate those skills via the Red Hat Certified System Administrator exam. This course goes deeper into Enterprise Linux administration including filesystems and partitioning, logical volumes, SELinux, fire-walling, BASH script development and troubleshooting. Students who have completed or are enrolled in CNT 7402 may not receive credit.

2.50 Units Lecture 0.50 Units Lab

Recommended Course Preparation
CNT 7401 - Red Hat Linux Administration I
with a minimum grade of C
or

CS 41 - Red Hat Linux Administration I
with a minimum grade of C

Grading Methods:
Letter or P/NP

Discipline:
- Computer Service Technology or
- Computer Science

	MIN
Lecture Hours:	45.00
Expected Outside of Class Hours:	90.00
Lab Hours:	27.00
Total Hours:	162.00

II. NUMBER OF TIMES COURSE MAY BE TAKEN FOR CREDIT: 1

III. PREREQUISITE AND/OR ADVISORY SKILLS:

Before entering this course or in conjunction with it, the following preparation is recommended for the student (not required):

A. CNT7401
1. Outline the key features, advantages and uses of the Linux/UNIX operating system
2. Install and configure a basic desktop Linux/UNIX OS
3. Explain the differences between the Linux Files systems EXT2, EXT3 and EXT4 and how they compare with NTFS and FAT
4. Identify the default permissions created on files and directories, and apply special file and directory permissions
5. Use basic shell programming, perform text manipulations, and use Linux/UNIX programming tools
6. Describe common types of CPU's, memory, disk drives, system boards, and peripheral devices and how the computer uses UEFI or BIOS to start the computers boot process
7. Outline the major steps necessary to configure boot loaders, dual booting, the init daemon and runlevels
8. Install and use X Windows, window managers, and desktop environments
9. Configure system and network settings
10. Configure TCP-IP for Linux/UNIX/UNIX on LANs
11. Describe and evaluate file sharing options
12. Managing local Users and Groups
13. Monitoring and managing Linux processes
14. Configuring and securing SSH
15. Installing and updating software packages

B. CS41
1. Outline the key features, advantages and uses of the Linux/UNIX operating system
2. Install and configure a basic desktop Linux/UNIX OS

3. Explain the differences between the Linux Files systems EXT2, EXT3 and EXT4 and how they compare with NTFS and FAT
4. Identify the default permissions created on files and directories, and apply special file and directory permissions
5. Use basic shell programming, perform text manipulations, and use Linux/UNIX programming tools
6. Describe common types of CPU's, memory, disk drives, system boards, and peripheral devices and how the computer uses UEFI or BIOS to start the computers boot process
7. Outline the major steps necessary to configure boot loaders, dual booting, the init daemon and runlevels
8. Install and use X Windows, window managers, and desktop environments
9. Configure system and network settings
10. Configure TCP-IP for Linux/UNIX/UNIX on LANs
11. Describe and evaluate file sharing options
12. Managing local Users and Groups
13. Monitoring and managing Linux processes
14. Configuring and securing SSH
15. Installing and updating software packages

IV. MEASURABLE OBJECTIVES:

Upon completion of this course, the student should be able to:

A. Automate sequences of commands by writing a simple shell script
B. Set up, in multiple ways, a command or group of commands which will run automatically at some point in time
C. Optimize system performance by selecting a tuning profile managed by the tuned daemon
D. Describe ACLs and file-system mount options, view and interpret ACLs with ls and getfacl, describe the ACL mask and ACL permission precedence, identify where Red Hat Enterprise Linux uses ACLs by default
E. Explain how SELinux protects resources, change the current SELinux mode of a system, set the default SELinux mode of a system
F. Create and modify storage partitions, format them with file systems, and mount them for use
G. Describe logical volume management components and concepts, implement LVM storage, display LVM component information
H. Manage multiple storage layers using Stratis local storage management
I. Identify NFS share information, create a directory to use as a mount point, mount an NFS share using the mount command or by configuring the /etc/fstab file, unmount an NFS share using the umount command, configure an NFS client to use NFSv4 using the new nfsconf tool
J. Describe the Red Hat Enterprise Linux boot process, set the default target used when booting, boot a system to a non-default target
K. Explain the concept of firewalls and accept or reject network connections to system services using firewalld rules
L. Install Red Hat Enterprise Linux on a server

V. CONTENT:

A. Improving Command Line Productivity
    1. Writing simple Bash scripts
    2. Running commands more efficiently with loops
    3. Matching text in command output with regular expressions
B. Scheduling Future Tasks
    1. Scheduling a deferred user job
    2. Scheduling recurring user jobs
    3. Scheduling recurring system jobs
    4. Managing temporary files
C. Tuning System Performance
    1. Adjusting tuning profiles
    2. Influencing process scheduling
D. Controlling Access to Files with ACLs
    1. Interpreting file ACLs
    2. Securing files with ACLs
E. Managing SELinux Security
    1. Changing the SELinux enforcement mode
    2. Controlling SELinux file contexts
    3. Adjusting SELinux policy with Booleans
    4. Investigating and resolving SELinux issues
F. Managing Basic Storage
    1. Adding partitions, file systems, and persistent mounts
    2. Managing swap space
G. Managing Logical Volumes
    1. Creating logical volumes
    2. Extending logical volumes
H. Implementing Advanced Storage Features
    1. Managing layered storage with Stratis
    2. Compressing and deduplicating storage with VDO
I. Accessing Network-Attached Storage
    1. Mounting network-attached storage with NFS
    2. Automounting network-attached storage
J. Controlling the Boot Process
    1. Selecting the boot target
    2. Resetting the root password
    3. Repairing file system issues at boot
K. Managing Network Security
    1. Firewall overview
    2. Managing server firewalls
    3. Controlling SELinux port labeling
L. Installing Red Hat Enterprise Linux
    1. Installing Red Hat Enterprise Linux
    2. Automating installation with Kickstart
    3. Installing and configuring virtual machines

VI. LAB CONTENT:

A. Improving Command Line Productivity
    1. Writing simple Bash scripts
    2. Running commands more efficiently with loops
    3. Matching text in command output with regular expressions
B. Scheduling Future Tasks
    1. Scheduling a deferred user job
    2. Scheduling recurring user jobs
    3. Scheduling recurring system jobs

4. Managing temporary files

C. Managing SELinux Security
   1. Changing the SELinux enforcement mode
   2. Controlling SELinux file contexts
   3. Adjusting SELinux policy with Booleans
   4. Investigating and resolving SELinux issues

D. Managing Basic Storage
   1. Adding partitions, file systems and persistent mounts
   2. Managing swap space

E. Managing Logical Volumes
   1. Creating logical volumes
   2. Extending logical volumes

F. Controlling the Boot Process
   1. Selecting the boot target
   2. Resetting the root password
   3. Repairing file system issues at boot

G. Managing Network Security
   1. Firewall overview
   2. Managing server firewalls
   3. Controlling SELinux port labeling

VII. METHODS OF INSTRUCTION:

A. **Lecture** -
B. **Audio-visual Activity** -
C. **Classroom Activity** -
D. **Demonstration** -
E. **Discussion** -
F. **Lab** -
G. **Projects** -

VIII. TYPICAL ASSIGNMENTS:

A. Create a Bash script that can filter and get relevant information from different hosts.
B. Configure systemd-tmpfiles in order to change how quickly it removes temporary files from /tmp, and also to periodically purge files from another directory.
C. Apply a specific tuning profile and adjust the scheduling priority of an existing process with high CPU usage.
D. Set up a collaborative directory for users in two groups, combining the set GID permission and default ACL entries to provide correct access permissions.
E. Solve an SELinux access denial problem. System administrators are having trouble getting a new web server to deliver content to clients when SELinux is in enforcing mode.
F. Reset the root password on a system, recover from a misconfiguration, and set the default boot target.

IX. EVALUATION:

Methods/Frequency

A. Exams/Tests
   Mid-Term and Final Exam
B. Quizzes
   Weekly
C. Projects
   Weekly
D. Group Projects
   Weekly
E. Class Participation
   Weekly

X. TYPICAL TEXTS:

1. Vugt, Sander van. *Red Hat RHCSA 9 Cert Guide: EX200.* 1st ed., Pearson, 2023.
2. Jang, Michael, and Alessandro Orsaria. *RHCSA Red Hat Enterprise Linux 9 Certification Study Guide.* 8th ed., McGraw-Hill, 2023.
3. Red Hat Enterprise Linux. Red Hat, (9).
4. Red Hat Enterprise Linux Developers Subscription

XI. OTHER MATERIALS REQUIRED OF STUDENTS:

A. Students require access to a computer connected to the Internet, with word processing and browser software, and an email address

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Course Outline for MUS 18A

JAZZ/POP PIANO 1

Effective: Fall 2025

I. CATALOG DESCRIPTION:
MUS 18A — JAZZ/POP PIANO 1 — 1.00 units

Voicings, chords, and guidelines for interpretation of lead sheets in a variety of genres for the contemporary pianist. Emphasis on improvisation, accompaniment, bass lines, grooves, and performance.

1.00 Units Lab

Recommended Course Preparation
MUS 21A - Beginning Piano
with a minimum grade of C

Grading Methods:
Letter or P/NP

Discipline:
- Music

Family: Music Jazz/Pop Piano

	MIN
Lab Hours:	54.00
Total Hours:	54.00

II. NUMBER OF TIMES COURSE MAY BE TAKEN FOR CREDIT: 1

III. PREREQUISITE AND/OR ADVISORY SKILLS:

Before entering this course or in conjunction with it, the following preparation is recommended for the student (not required):

A. MUS21A
1. Sight-read and transpose melodies in major and minor five-finger patterns
2. Exhibit technical skills adequate for beginner pieces
3. Perform simple passages in all twelve major keys
4. Improvise melodies in major and minor five-finger patterns as the teacher plays an accompaniment
5. Perform in ensemble with one or more other students
6. Perform simple pieces in correct rhythm and at a reasonable tempo

IV. MEASURABLE OBJECTIVES:

Upon completion of this course, the student should be able to:

A. Define jazz musical symbols and terminology
B. Sightread jazz and pop piano literature
C. Identify standard formal structures of jazz and pop piano literature
D. Demonstrate a standard beginning approach to jazz piano performance
E. Demonstrate a standard elementary approach to pop piano performance
F. Transpose compositions to accommodate vocal ranges
G. Construct and reharmonize jazz voicings
H. Perform jazz and pop piano literature using lead sheets

V. CONTENT:
A. jazz/pop musical symbols and terminology
B. reading jazz/pop piano literature
C. jazz/pop Forms
1. blues
2. rhythm changes
3. doo-wop changes
D. standard approach to piano performance
1. proper finger position
2. posture
E. transposition of several compositions

1. use of roman numerals

F. jazz chords
   1. major and minor 7ths
   2. dominant 7ths
   3. extensions
   4. altered extensions

G. jazz and pop piano literature
H. transcription of solos and performances by famous pianists.

VI. METHODS OF INSTRUCTION:

A. **Discussion** -
B. **Demonstration** -
C. In-class performance
D. **Classroom Activity** -
E. **Lecture** -
F. **Audio-visual Activity** -
G. **Individualized Instruction** -
H. **Guest Lecturers** -

VII. TYPICAL ASSIGNMENTS:

Typical Assignments

A. Memorize all major 7th's, minor 7th's, and dominant 7th's in different positions.
B. Outline a formal design of both a jazz and pop composition.
C. Transpose a simple chord progression in all 12 keys
D. Perform a simple jazz tune with a backing track. Improvise for at least some of your performance.
E. Transcribe a short jazz or pop piano solo

VIII. EVALUATION:

Methods/Frequency

A. Quizzes
   Monthly
B. Projects
   1-2
C. Class Participation
   Weekly
D. Home Work
   Weekly
E. Final Performance
   1
F. Other
   Daily Outside Practice

IX. TYPICAL TEXTS:

1. Levine, Mark. *How to Voice Standards at the Piano: The Menu.* 1st ed., Sher Music Co., 2014.
2. Hayward , Nathan , Joseph Alexander, and Tim Pettingale . *100 Modern Jazz Licks For Piano.* 1st ed., www.fundamental-changes.com , 2020.
3. Hal Leonard Corp. . *Top Hits of 2019: 20 Hot Singles (Top Hits of Piano Vocal Guitar) .* 1st ed., Hal Leonard, 2019.
4. Siskind, Jeremy. *Jazz Piano Fundamentals.* 1st ed., Jeremy Siskind, 2021.
5. Nash, Jeffrey . *Miles Davis Piano Sheet Music.* 1st ed., Independently published, 2022.

X. OTHER MATERIALS REQUIRED OF STUDENTS:

Las Positas College
3000 Campus Hill Drive
Livermore, CA 94551-7650
(925) 424-1000
(925) 443-0742 (Fax)

Course Outline for VWT 32

SPRING VINEYARD OPERATIONS

Effective: Fall 2025

I. CATALOG DESCRIPTION:
VWT 32 — SPRING VINEYARD OPERATIONS — 3.00 units

This class has a strong emphasis on the practical applications of viticulture. Students will be involved in the operation of the LPC Campus Hill Vineyard putting into action viticultural practices for the spring season including pruning, canopy management techniques, new vine planting and training, vine nutrition, weed control, irrigation system construction and maintenance, trellis construction and maintenance, vineyard equipment operation and maintenance, with a continued focus on sustainable vineyard management. Students under the age of 21 must have a declared major in either viticulture and/or enology to participate in any tasting activities as stated in the California State Assembly Bill 1989.

2.00 Units Lecture 1.00 Units Lab

Recommended Course Preparation
VWT 10 - Introduction to Viticulture
with a minimum grade of C

Grading Methods:
Letter or P/NP

Discipline:
- Agriculture Production

	MIN
Lecture Hours:	36.00
Expected Outside of Class Hours:	72.00
Lab Hours:	54.00
Total Hours:	162.00

II. NUMBER OF TIMES COURSE MAY BE TAKEN FOR CREDIT: 1

III. PREREQUISITE AND/OR ADVISORY SKILLS:

Before entering this course or in conjunction with it, the following preparation is recommended for the student (not required):

A. VWT10
1. describe grapevine biology and physiology
2. identify the above and below ground components of the grape vine throughout the seasonal intervals of grape vine development
3. illustrate the importance of the relationship of soil and climate relative to quality grape and wine production
4. evaluate and manage the seasonal specific requirements of the vineyard and apply the appropriate cultural practices
5. interpret the harvest process from planning through processing

IV. MEASURABLE OBJECTIVES:

Upon completion of this course, the student should be able to:

1. List the steps for planting the vineyard including rootstock selection, scion matching, clonal selection, vine row layout specifics, trellis design and irrigation infrastructure planning
2. Demonstrate proper training techniques for young vines
3. Distinguish seasonal vineyard pest threats and take appropriate actions based on Integrated Pest Management
4. Explain how soil types inherently effect the vine, irrigation strategies, vineyard erosion status and overall cultural practices
5. Identify any frost threat specific to the site and take appropriate actions through cover cropping, irrigation strategies or timing of pruning
6. Accurately assess vineyard water needs and layout a seasonal irrigation strategy to take the vineyard through harvest
7. Exhibit how to safely use and maintain miscellaneous vineyard equipment
8. Describe and apply multiple quality control measures used during the Spring/Summer months in the vineyard including bud thinning, summer pruning, flower thinning, topping, leaf pulling, dep-suckering and cluster thinning
9. Detail the vineyard cycle of growth and viticultural practices that must be completed during the spring and summer

V. CONTENT:

A. Rootstocks and Planting
   1. Rootstock varieties
   2. Planting techniques and spacing
      a. Trellis systems of new grape planting

B. Pruning and Training Young Vines
   1. Dormant season training of young vines
   2. Theoretical aspects of pruning
   3. Pruning mature head trained bilateral cordon trained, spur-pruned vines
   4. Training young vines after budbreak

C. Grapevine Anatomy and Physiology
   1. Winegrape, table grape and raisin cultivars
   2. Internal and external structures
   3. Photosynthesis and its relationship to cultural techniques
   4. Tissue analysis
      a. Sample collection
      b. Interpretation

D. Soils and Fertilizers
   1. Soil texture, structure and characteristics
   2. Fertilizer needs
   3. Fertilizer application techniques and equipment

E. Pest Control
   1. Insect identification and control measures
   2. Weed identification and control techniques
   3. Diseases of grapevines identification and control
   4. Glassy winged sharpshooter
   5. Powdery mildew control
   6. Integrated Pest management

F. Irrigation theory and practice
   1. Water needs of grapevines
   2. Irrigation system selection and installation
   3. Drip irrigation versus other systems

G. Techniques of frost control
   1. Mechanical Methods
   2. Cultural Methods

H. Vineyard Development
   1. Identify the steps necessary for starting a new vineyard
   2. Site selection criteria
   3. Natural resources, habitat and environmental concerns
   4. Vineyard design – trellises and irrigation systems
   5. Installation and planting

I. Farming Vineyard
   1. Vineyard practices during the cycle of vine growth
   2. Canopy management
   3. Vine mineral nutrition
   4. Sustainable agricultural practices
   5. Methods to improve grape quality
   6. Vineyard Floor Management
   7. Vineyard Equipment
      a. Equipment used in tissue sampling, analysis and interpretation of results
      b. Differences between refractometer and hydrometer, and how they each measure berry juice sugar content
      c. various pieces of viticulture equipment used in the vineyard

VI. LAB CONTENT:

A. Rootstocks and Planting
   1. Planting techniques and spacing of young vines

B. Pruning and Training Young Vines
   1. Pruning mature head trained vines
   2. Pruning bilateral cordon trained vines
   3. Pruning spur-pruned vines
   4. Training young vines after budbreak

C. Grapevine Anatomy and Physiology
   1. Identify vine structures in the field
   2. Tissue analysis
      a. Sample collection
      b. Interpretation

D. Soils and Fertilizers
   1. Fertilizer application and equipment

E. Pest Control
   1. Identify insects
   2. Identify weeds
   3. Apply control techniques
   4. Powdery mildew control
   5. Apply principles of Integrated Pest management

F. Irrigation
   1. Assess water needs of grapevines
      a. Use of pressure bomb
      b. Use of Time Displacement Refractometer
      c. Visual assessment
   2. Irrigation system selection and installation
   3. Drip irrigation maintenance

G. Techniques of frost control
   1. Mechanical Methods
   2. Cultural Methods

H. Farming Vineyard
   1. Vineyard practices during the cycle of vine growth
   2. Canopy management
   3. Vine mineral nutrition

4. Sustainable agricultural practices
5. Methods to improve grape quality
6. Vineyard Floor Management
7. Vineyard Equipment
    a. Utilize equipment in tissue sampling
    b. Use a refractometer and hydrometer to measure berry juice sugar content
    c. Use a variety of viticulture equipment in the vineyard

I. Perform Spring season cultural practices in the vineyard safely

VII. METHODS OF INSTRUCTION:

A. **Lecture** -
B. **Discussion** -
C. **Lab** - Student hands-on laboratory activities and field practice
D. **Audio-visual Activity** -
E. **Field Trips** -
F. **Demonstration** - Field demonstrations and discussion

VIII. TYPICAL ASSIGNMENTS:

A. Weekly reading assignments in text related to lecture topics
B. Field Trips at specified locations
C. Vineyard cultural practices, e.g. Training and pruning
D. Laboratory/field projects related to viticulture practices

IX. EVALUATION:

Methods/Frequency

A. Exams/Tests
    At least two exams/tests/quizzes per semester
B. Quizzes
    At least two exams/tests/quizzes per semester
C. Papers
    Weekly written assignments
D. Oral Presentation
    At least one per semester
E. Projects
    Participate in at least one pruning session
F. Field Trips
    Weekly trips to the vineyard
G. Group Projects
    Participate in at least pruning session
H. Class Participation
    Weekly
I. Class Work
    Weekly
J. Home Work
    Weekly
K. Lab Activities
    Weekly

X. TYPICAL TEXTS:

1. White, Robert. *Understanding Vineyard Soils.* 2nd ed., Oxford University Press, 2015.
2. Goldhammer, Ted. *Grape Growers Handbook.* 3rd ed., Apex, 2021.
3. Keller, Marcus. *The Science of Grapevines.* 3rd ed., Academic Press, 2020.
4. Maltman, Alex. *Vineyards, Rocks, and Soils: The Wine Lover's Guide to Geology.* 1st ed., Oxford University Press, 2018.

XI. OTHER MATERIALS REQUIRED OF STUDENTS:

A. Industry standard, professional grade vine pruning shears
B. Students must wear appropriate footwear in the vineyard

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(925) 424-1000
(925) 443-0742 (Fax)

Course Outline for VWT 33

SUMMER VITICULTURE OPERATIONS

Effective: Summer 2025

I. CATALOG DESCRIPTION:
VWT 33 — SUMMER VITICULTURE OPERATIONS — 1.00 units

This course covers vineyard practices for the summer session. The class will manage the Las Positas College Campus Hill vineyard, with an emphasis on the practical applications of viticulture theory including vine training, canopy management, assessment of insect and disease problems specific to the appellation, irrigation applications relating to soil and leaf moisture and crop estimation.

0.50 Units Lecture 0.50 Units Lab

Recommended Course Preparation
VWT 10 - Introduction to Viticulture
with a minimum grade of C

Grading Methods:
Letter or P/NP

Discipline:
- Agriculture Production

	MIN
Lecture Hours:	9.00
Expected Outside of Class Hours:	18.00
Lab Hours:	27.00
Total Hours:	54.00

II. NUMBER OF TIMES COURSE MAY BE TAKEN FOR CREDIT: 1

III. PREREQUISITE AND/OR ADVISORY SKILLS:

Before entering this course or in conjunction with it, the following preparation is recommended for the student (not required):

A. VWT10
1. describe grapevine biology and physiology
2. identify the above and below ground components of the grape vine throughout the seasonal intervals of grape vine development
3. illustrate the importance of the relationship of soil and climate relative to quality grape and wine production
4. evaluate and manage the seasonal specific requirements of the vineyard and apply the appropriate cultural practices
5. interpret the harvest process from planning through processing

IV. MEASURABLE OBJECTIVES:

Upon completion of this course, the student should be able to:

A. Plan and implement a vineyard canopy management program;
B. Assess pests and apply control and/or preventative methods as appropriate;
C. Assess disease incidence and apply control and/or preventative methods as appropriate;
D. Describe vineyard floor management practices;
E. Assess and repair irrigation system failures;
F. Program and operate an irrigation system;
G. Assess bird pressure and apply control and/or preventative methods as appropriate;
H. Perform cultural practices that will improve grape quality;
I. Follow prescribed formulas to accurately estimate crop levels;
J. Collected data using evaluative methods and equipment to determine fruit ripeness parameters including pH, degrees brix, titratable acidity and sensory assessments;
K. Prepare for fruit harvest.

V. CONTENT:

A. Canopy management practices
    1. The canopy microclimate
B. Pest evaluation and control methods
C. Disease incidence evaluation and control methods
D. Vineyard floor management practices
    1. Types of weeds, beneficials, and cover crops
E. The irrigation system
    1. Irrigation materials, preparation and installation
F. Irrigation scheduling and system operation
    1. The irrigation controller and setting up irrigation schedules
G. Bird population evaluation and control methods
    1. Bird pressure
H. Cultural practices for quality grape production
I. Estimating crop levels
J. Fruit ripeness parameters and evaluation methods
    1. Types of equipment and how to use them
K. Harvest preparation

VI. LAB CONTENT:
A. Canopy management practices
    1. Bud removal, shoot thinning and shoot tucking
B. Pest evaluation and control methods
C. Disease incidence evaluation and control methods
D. Vineyard floor management practices
    1. Vineyard weed identification and removal
E. The irrigation system
    1. Irrigation system repairs
    2. Programming the irrigation controller
F. Bird population evaluation and control methods
    1. Assessing bird pressure
    2. Installing bird netting and/or other abatements
G. Perform summer cultural practices for quality grape production
H. Estimate crop levels
I. Fruit ripeness parameters and evaluation methods
    1. Use a refractomer and pH meter in the vineyard
J. Harvest preparation

VII. METHODS OF INSTRUCTION:
A. **Lecture** -
B. **Discussion** -
C. **Classroom Activity** - Student hands-on activities
D. **Audio-visual Activity** -
E. **Field Trips** -
F. **Demonstration** -

VIII. TYPICAL ASSIGNMENTS:
A. Read Chapter 16 in your textbook.
B. Write a 3 page paper on how evapotranspiration data assists in irrigation scheduling.
C. Collect at least 3 leaf samples from any vineyard and prepare a compound microscope to view the stomata in class.
D. Using the supplied materials of pvc glue, primer, pvc piping, and fittings, complete a secure and successful bond of piping to misc. fittings.

IX. EVALUATION:
Methods/Frequency

A. Exams/Tests
    At least two exams/tests/quizzes per semester
B. Quizzes
    At least two exams/tests/quizzes per semester
C. Papers
    Weekly
D. Field Trips
    Weekly trips to vineyard
E. Class Participation
    Weekly
F. Home Work
    Weekly
G. Lab Activities
    Weekly

X. TYPICAL TEXTS:
1. Goldhammer, Ted. *Grape Growers Handbook.* 3rd ed., Apex, 2021.
2. White, Robert. *Understanding Vineyard Soils.* 2nd ed., Oxford University Press, 2015.
3. Keller, Marcus. *The Science of Grapevines.* 3rd ed., Academic Press, 2020.

XI. OTHER MATERIALS REQUIRED OF STUDENTS:
A. Due to the outdoor, summer working environment appropriate outdoor wear (boots, gloves and hat) is strongly recommended
B. Professional grade pruning shears

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(925) 424-1000
(925) 443-0742 (Fax)

Course Outline for VWT 41

FALL WINERY OPERATIONS

Effective: Fall 2025

I. CATALOG DESCRIPTION:
VWT 41 — FALL WINERY OPERATIONS — 3.00 units

This class has a strong emphasis on the practical applications of winery operations. Students will be involved in the harvest, crush, and processing of grapes from the Campus Hill Vineyard for wines produced by the Campus Hill Winery at Las Positas College. Students will gain experience with winery operations for the fall season including planning, managing and implementing harvest; monitoring grape maturity; press pad equipment operation and safety; handling must and juices; alcoholic and malolactic fermentation; sensory and laboratory analysis; handling and storage of new wines; maintenance of wines from previous vintages; winery sanitation; forklift safety and operation; and general cellar practices. Students under the age of 21 must have a declared major of either viticulture and/or enology to participate in any tasting activities as stated in the California State Assembly Bill 1989.

2.00 Units Lecture 1.00 Units Lab

Recommended Course Preparation
VWT 20 - Introduction to Enology
with a minimum grade of C

Grading Methods:
Letter or P/NP

Discipline:
- Agriculture Production

	MIN
Lecture Hours:	36.00
Expected Outside of Class Hours:	72.00
Lab Hours:	54.00
Total Hours:	162.00

II. NUMBER OF TIMES COURSE MAY BE TAKEN FOR CREDIT: 1

III. PREREQUISITE AND/OR ADVISORY SKILLS:

Before entering this course or in conjunction with it, the following preparation is recommended for the student (not required):

A. VWT20
1. characterize grape varieties used for wine production;
2. explain traditional European wine styles and how they might differ from domestic wine styles;
3. provide an objective assessment of wine including wines that are actively fermenting, unfinished, finished, young, aged, flawed and sound using a learned method of sensory evaluation;
4. outline the process of fermentation;
5. detail the specifics of fermentation chemistry including yeast and bacterial driven fermentations;
6. describe grape processing and the equipment used for crushing and pressing;
7. explain the processing options of pre and post fermentation treatment of wines;
8. detail the vessel options for wine storage and aging;
9. describe the pre-bottling practices of wine racking, filtration, and fining;
10. describe winery sanitation practices and winery safety protocols;
11. analyze the smell and taste of wine using organoleptic skills.

IV. MEASURABLE OBJECTIVES:

Upon completion of this course, the student should be able to:

1. Describe safe laboratory practices and procedures
2. Describe the procedures that insure proper winery sanitation
3. Identify and explain the operations of standard wine analysis equipment
4. Name the basic chemicals used in wine production

5. Describe how to evaluate wine grapes pre-harvest
6. Describe how to handle and evaluate wine grapes post-harvest
7. Explain the proper procedures involved with the harvesting of wine grapes
8. Identify winemaking equipment and machinery and explain the proper procedures required for the safe operation of the equipment and machinery
9. Describe the varied processes involved in the production of red and white wines
10. Accurately describe the chemical and sensory traits of wines
11. inspect and maintain wines in the cellar and recommend wine maintenance operations
12. Inspect and maintain equipment used in winery operations
13. Explain how to keep and maintain up-to-date winery records

V. CONTENT:

A. Introduction to Fall Winery Operations
   1. Harvest preparation
   2. Harvest
   3. Receiving fruit
   4. Destemming, crushing
   5. Pressing
   6. Fermentation

B. Review of Spring Winery Operations
   1. Aging (Barrel/tank)
   2. Stabilizing wines
   3. Bottling

C. Winery equipment operation, maintenance, and repair
   1. Safe start-up, operation, and shut down of winery equipment
   2. Equipment safety protocols

D. Review of basic wine chemistry
   1. Brix
   2. Fermentation process

E. Field measurements
   1. Analysis equipment
   2. Brix
   3. Titratable Acidity (TA)
   4. pH

F. Winery Chemicals
   1. Chemicals for Wine Analysis
   2. Chemicals for Winery Sanitation
   3. Chemicals for Wine Vessel Sanitation

G. Winery laboratory Safety
   1. PPE
   2. Safe Handling, Storage and Disposal of Chemicals

H. Winery sanitation and safety
   1. Equipment Sanitation
   2. Winery Floor and Drains Sanitation
   3. PPE

I. Review of analytical methods
   1. pH Meter Calibration and Measurements
   2. SO2 Sulfilizer Measurements (Free and Total SO2)
   3. Auto Titrator Calibration and Measurements
      a. Titratable Acidity
      b. Free and Total SO2
   4. Malolactic Fermentation Progress Monitoring
      a. Paper Chromatography

J. Review of basic wine production
   1. Harvest
   2. Receiving Fruit
   3. Destemming and Crushing
   4. Fermentation
   5. Pressing

K. Wine grape evaluation and handling pre-harvest
   1. Brix/Ripeness Assessments
   2. Methods to Determine Vineyard Block Ripeness
   3. Measuring pH and TA in the Field

L. Wine grape evaluation handling post-harvest
   1. Harvest Container Choices
   2. Weighing Fruit and Creating a Weight Tag

M. Wine grape harvest operations
   1. Assessing Potential Grape Pests
   2. Field Sorting

N. Basic wine production
   1. Whole Clusters or Desteming Decisions
   2. Loading Fruit into the Grape Elevator
   3. Adjusting the Level of Destemming
   4. Fruit Sorting on the Conveyor Belt
   5. To Crush or Not to Crush
   6. Must: Methods and Practices of Pre and Post Fermentation Maceration
   7. Pressing Using a Pneumatic Press
   8. Moving Wine into Various Aging Vessels

O. Sensory evaluation of wine
   1. How to Taste "unfinished" Wine
   2. Quality Assessment of Wines Through ALL Stages of Production
   3. Identification of Flaws and Faults

P. On-going maintenance of wines from previous vintages
   1. Barrel Management Practices
   2. Measuring SO2
   3. Topping
   4. Racking

Q. Routine cellar practices and operations
   1. Blending Wines

2. On-Going Sensory Analysis of Wines in Barrel and Tank

R. Barrel and tank maintenance
   1. Cleaning and Sanitizing Protocols for Each Type of Vessel

S. Long Term Wine Storage Methods
   1. Case Goods
   2. Wines in Tank
   3. Wines in Barrel
   4. Wines in Glass
   5. Wines is Concrete

T. Winery equipment operations, maintenance and repair
   1. Destemmer
   2. Vibrating Sorter
   3. Sorting Conveyor Belt
   4. Roller Crusher
   5. Pneumatic Press
   6. Various Pumps
   7. Hose Management

U. Record keeping
   1. Winery Compliance

VI. METHODS OF INSTRUCTION:

A. **Field Trips** - to local wineries; led by key winery personnel
B. **Classroom Activity** - hands-on activities are specific to topics covered in classroom meetings
C. **Lecture** -
D. **Guest Lecturers** - Local industry professionals
E. **Audio-visual Activity** - Media presentations
F. **Observation** -
G. **Discussion** - Field demonstration and discussion
H. **Lab** - hands-on training and practice

VII. TYPICAL ASSIGNMENTS:

A. Weekly reading assignments in the text related to lecture or field topics. For example, Read Chaper 5
B. Homework assignments weekly
C. Participation in field trips to specified locations
   1. local vineyards
   2. local wine production facilities
D. Apply appropriate winery equipment handling procedures to seasonally available materials in fermentation room

VIII. EVALUATION:

Methods/Frequency

A. Exams/Tests
   At least two exams/tests/quizzes per semester
B. Quizzes
   At least two exams/tests/quizzes per semester
C. Projects
   One industry related group project per semester
D. Class Participation
   Regular participation in weekly activities
E. Home Work
   Weekly homework assignments
F. Lab Activities
   Active participation in weekly lab activities monitored by instructor
G. Final Performance
   Individual performance of fall winery operation skills

IX. TYPICAL TEXTS:

1. Considine, John, and Elizabeth Frankish. *A Complete Guide to Quality in Small-Scale Wine Making.* 1 ed., Academic Press, 2014.
2. Miller, E. *Vintners Apprentice; An Insiders Guide to the Art and Craft of Wine Making.* 1st ed., Quarry Books, 2011.
3. Dr. Yair Margalit *Winery Technology & Operations.* 3rd ed., The Wine Appreciation Guild, 2012.
4. Atkinson, Kieron, and Jane Travis. *Winemaking: A Guide to Growing, Nurturing, and producing.* 1st ed., Crowood Press, 2022.
5. Goode, Jamie. *The Science of Wine: From Vine to Glass.* 3rd ed., University of California Press, 2021.
6. "Wine Business Monthly." Wine Communications Group Inc. Pub 2023.

X. OTHER MATERIALS REQUIRED OF STUDENTS:

A. Slip resistant footwear
B. Chemistry goggles

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Course Outline for VWT 42

SPRING WINERY OPERATIONS

Effective: Fall 2025

I. CATALOG DESCRIPTION:
VWT 42 — SPRING WINERY OPERATIONS — 3.00 units

This course has a strong emphasis on the practical applications of winery operations. Students will be involved in the on-going maintenance of wines produced by the Campus Hill Winery at Las Positas College. Students will gain experience with winery operations for the spring season including equipment operation and safety, the handling and storage of new wines, barrel and tank monitoring, sensory and laboratory analysis, the planning, managing and implementation of bottling including blending trials, fining and filtering, label design and compliance, winery sanitation and record keeping. Students under the age of 21 must have a declared major in either viticulture and/or enology to participate in any tasting activities as stated in California State Assembly Bill 1989

2.00 Units Lecture 1.00 Units Lab

Recommended Course Preparation
VWT 20 - Introduction to Enology
with a minimum grade of C

Grading Methods:
Letter or P/NP

Discipline:
- Agriculture Production

	MIN
Lecture Hours:	36.00
Expected Outside of Class Hours:	72.00
Lab Hours:	54.00
Total Hours:	162.00

II. NUMBER OF TIMES COURSE MAY BE TAKEN FOR CREDIT: 1

III. PREREQUISITE AND/OR ADVISORY SKILLS:

Before entering this course or in conjunction with it, the following preparation is recommended for the student (not required):

A. VWT20
1. characterize grape varieties used for wine production;
2. explain traditional European wine styles and how they might differ from domestic wine styles;
3. provide an objective assessment of wine including wines that are actively fermenting, unfinished, finished, young, aged, flawed and sound using a learned method of sensory evaluation;
4. explain how climate, soils and topography influence wine quality;
5. outline the process of fermentation;
6. detail the specifics of fermentation chemistry including yeast and bacterial driven fermentations;
7. describe grape processing and the equipment used for crushing and pressing;
8. explain the processing options of pre and post fermentation treatment of wines;
9. detail the vessel options for wine storage and aging;
10. describe the pre-bottling practices of wine racking, filtration, and fining;
11. describe winery sanitation practices and winery safety protocols;
12. analyze the smell and taste of wine using organoleptic skills.

IV. MEASURABLE OBJECTIVES:

Upon completion of this course, the student should be able to:

1. Identify the multiple applications of basic winery chemicals
2. List safe laboratory practices in detail
3. Describe the practices and procedures for winery safety and sanitation
4. Outline routine wine analysis practices and procedures, including the required analysis equipment

5. Discuss the basic procedural standards of red and white wine production
6. Define appropriate wine sensory analysis procedures
7. Recall the on-going maintenance of wines
8. Explain the cause and effect of filtering, fining, and clarification of wines
9. Apply required bottling procedures that insure wine stability
10. Perform routine, seasonal winery operations safely
11. Explain barrel and tank maintenance procedures
12. Review the specifics of proper wine storage
13. Specify the standard winery equipment and the required upkeep, maintenance, and repair procedures
14. Exhibit proper winery record keeping

V. CONTENT:

A. Review of Fall Winery Operations
   1. Vineyard Practices Including Harvest
   2. Receiving Fruit at the Winery
   3. Destemming, Sorting and Crushing
   4. Fermentation (Primary and Secondary)
   5. Pressing
   6. Wine/Juice Transfer

B. Winery equipment operation, maintenance and repair
   1. Safe start-up, operation and shut down of winery equipment
   2. Equipment safety protocols

C. Introduction to Spring Winery Operations
   1. Aging (Barrel/tank)
   2. Stabilizing Wines
   3. Bottling

D. Review of Basic Wine Chemistry
   1. pH
   2. Acidity
   3. Volatile Acidity
   4. Free and Total SO_2

E. Winery Chemicals
   1. Common Chemicals used for Winery Sanitation
   2. Common Chemicals used for Wine Stability

F. Winery Laboratory Safety
   1. Laboratory Safety Protocols
   2. Winery Saftey Protocols
   3. Presspad/Crushpad Safety Protocols

G. Winery sanitation and safety
   1. Winery Sanitation Practices
   2. Winery Sanitation Equipment

H. Analytical methods
   1. Wine Analysis Equipment
   2. pH
   3. Titratable Acidity
   4. Free and Total SO_2
   5. Volatile Acidity

I. Sensory evaluation of wine
   1. Organoleptic Methods
   2. The Constituents of Wine
   3. Assessing Wine Quality

J. On-going Maintenance and Care of Current Wines and Wines from Previous Vintages
   1. Monitoring stability
   2. Racking
   3. Stabilization
   4. Assessing bottle readiness

K. Filtering, fining, clarification practices
   1. Pump Options
   2. Filtering options
   3. Fining materials
   4. Settling practices

L. Bottling practices and procedures
   1. Bottling Line Introduction
   2. Preventative Maintenance of the Bottling Line
   3. Processes in the bottling line
      a. Sparging
      b. Filling
      c. Corking
      d. Capsuling
      e. Labeling

M. Routine Cellar Practices and Operations
   1. Ergonomic and Environmental Safety
   2. Monitoring Barreled Wine
   3. Moving Wine from Vessel to Vessel

N. Barrel and tank maintenance procedures
   1. Barrel and Tank Cleaning Equipment
   2. Barrel Cleaning and Sanitizing
   3. Stainless Steel Tank Cleaning and Sanitizing

O. Wine storage
   1. Storage options:
      a. Bottle
      b. Tank
      c. Barrel
      d. Concrete
      e. Carboys
      f. Topping wine
      g. Sizes
      h. Hazards
   2. Storage temperatures

a. Cellar
b. Ambient
c. Case Goods

P. Record keeping
1. Reporting
2. Compliance

VI. METHODS OF INSTRUCTION:
A. **Discussion** -
B. **Audio-visual Activity** - Media presentations
C. **Lab** - hands-on training put into action
D. **Lecture** -
E. **Observation** - of practices and procedures discussed
F. **Guest Lecturers** - local industry professionals
G. **Observation** - hands-on experiential learning with instructional equipment
H. **Field Trips** - to local wineries

VII. TYPICAL ASSIGNMENTS:
A. Read chapter 5 in your textbook
B. Write a 2-4 page essay on the topic of "malolactic culture: yeast or bacteria?"
C. Participation in field trips at specified field and industry locations
1. local wineries
2. local grape and wine production facilities
D. Apply learned operational procedures with industry standard equipment on seasonally available materials

VIII. EVALUATION:
Methods/Frequency

A. Exams/Tests
B. Quizzes
C. Papers
D. Projects
E. Field Trips
F. Group Projects
G. Home Work
H. Lab Activities
I. Final Performance

IX. TYPICAL TEXTS:
1. Miller, E. *Vintners Apprentice; An Insiders Guide to the Art and Craft of Winemaking.* 1st ed., Quarry Books, 2011.
2. Bird, D. *Understanding Winery Technology.* 1st ed., Wine Appreciation Guild, 2011.
3. Dr. Yair Margalit *Concepts in Wine Chemistry.* 3rd ed., The Wine Appreciation Guild, 2012.
4. Considine, John, and Elizabeth Frankish. *A Complete Guide to Quality in Small-Scale Wine Making.* 1st ed., Academic Press: Elsevier Inc., 2014.
5. Atkinson, Kieron, and Jane Travis. *Winemaking: A guide to growing, nurturing, and producing.* 1st ed., Crowood Press, 2022.
6. Goode, Jamie. *The Science of Wine: From Vine to Glass.* 3rd ed., University of California Press, 2021.
7. "Wine Business Monthly." Wine Communications Group Inc. Pub 2023.

X. OTHER MATERIALS REQUIRED OF STUDENTS:
A. Chemical goggles
B. Slip resistant footwear

5.3 Program Modifications

- Business Administration 2.0, AS-T **Fall 2025**
- Economics, AA-T **Fall 2025**

Program Narrative

LAS POSITAS COLLEGE

Technical Program Revision: Business Administration 2.0 - Associate in Science Degree for Transfer

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1. Statement of Program Goals and Objectives

The Associate in Science in Business Administration 2.0 for Transfer degree is designed to prepare students1 for a seamless transfer into the CSU system to complete a baccalaureate degree in Business Administration or a similar major. Students who obtain the Associate in Science in Business Administration 2.0 for Transfer degree will have completed the common core of lower division courses required for a CSU baccalaureate degree in Business Administration or a related major.

2. Catalog Description

The Associates in Science in Business Administration 2.0 for Transfer is based on the state-wide Transfer Model Curriculum for Business and prepares students for seamless transfer into the CSU system to complete a baccalaureate degree in Business Administration or similar major. After completing the required courses in this program students will graduate with a broad-based understanding of the field of business, its demands, required skill-sets, needed abilities, and career opportunities.

Completion Requirements:

1. Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
   a. The Intersegmental General Education Transfer Curriculum (IGETC) or CA State University General Education - Breadth Requirements.
   b. A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
2. Obtainment of a minimum grade point average of 2.0.

Associate Degrees for Transfer (ADT's) also require that students must earn a "C" (or "P") or better in all courses required for the major or area of emphasis.

Program Requirements

LAS POSITAS COLLEGE

Technical Program Revision: Business Administration 2.0 - Associate in Science Degree for Transfer

Program Title

Business Administration 2.0

Award Type

Associate in Science Degree for Transfer

Effective Term

Fall 2025

Program Description

The Associates in Science in Business Administration 2.0 for Transfer is based on the state-wide Transfer Model Curriculum for Business and prepares students for seamless transfer into the CSU system to complete a baccalaureate degree in Business Administration or similar major. After completing the required courses in this program students will graduate with a broad-based understanding of the field of business, its demands, required skill-sets, needed abilities, and career opportunities.

Program Requirements

Course	Title	Units	Term

Required Core: (28-29 Units)			28.0-29.0
BUSN 1A	Financial Accounting	4th	4.0
BUSN 1B	Managerial Accounting	5th	4.0
BUSN 18	Business Law	5th	3.0
BUSN 40	Introduction to Business	1st	3.0
ECON 1	Principles of Microeconomics	2nd	3.0
ECON 2	Principles of Macroeconomics	3rd	3.0
MATH 40	Statistics and Probability	2nd	4.0
MATH 34	Business Calculus	2nd	4.0
OR			
MATH 33	Finite Mathematics	2nd	4.0
OR			
MATH 1	Calculus I	2nd	5.0
Total Units for the Major			28.0-29.0
Additional General Education and Elective Units			32.0-31.0 31.0-32.0

Total: 60.0

Program Pathway

LAS POSITAS COLLEGE

Technical Program Revision: Business Administration 2.0 - Associate in Science Degree for Transfer

The Associates in Science in Business Administration 2.0 for Transfer is based on the state-wide Transfer Model Curriculum for Business and prepares students for seamless transfer into the CSU system to complete a baccalaureate degree in Business Administration or similar major. After completing the required courses in this program students will graduate with a broad-based understanding of the field of business, its demands, required skill-sets, needed abilities, and career opportunities.

SEMESTER-BY-SEMESTER PROGRAM PLAN FOR FULL-TIME STUDENTS

All plans can be modified to fit the needs of part-time students by adding more semesters

1st Term **Units:** 16.0

Course Sequence		Units
Elective		3.0
Written Communication (Area 1A)		3.0
Humanities GE (Area 3B)		3.0
BUSN 40	Introduction to Business	3.0
MATH 40	Statistics and Probability	4.0

The sequence number is the recommended order in which courses should be taken

2nd Term **Units:** 13.0

Course Sequence		Units

Critical Thinking GE (Area 1B)		3.0
Oral Communication GE (Area 1C)		3.0
ECON 1	Principles of Microeconomics	3.0
MATH 33	Finite Mathematics	4.0
OR		
MATH 34	Business Calculus	4.0

The sequence number is the recommended order in which courses should be taken
Gateway Course

3rd Term **Units:** 3.0

Course
Sequence
Units

ECON 2	Principles of Macroeconomics	3.0

The sequence number is the recommended order in which courses should be taken

4th Term **Units:** 14.0

Course
Sequence
Units

Ethnic Studies GE (Area 6)		3.0
Arts GE (Area 3A)		3.0
Physical Science with Lab GE (Area 5A/5C)		4.0
BUSN 1A	Financial Accounting	4.0

The sequence number is the recommended order in which courses should be taken

5th Term **Units:** 14.0

Course
Sequence
Units

Biological Science GE (Area 5B)		3.0
Elective		4.0
BUSN 18	Business Law	3.0
BUSN 1B	Managerial Accounting	4.0

The sequence number is the recommended order in which courses should be taken
Gateway Course

Total: 60.0

Abridged Comparison

LAS POSITAS COLLEGE

Technical Program Revision: Business Administration 2.0 - Associate in Science Degree for Transfer

Technical Program Revision: Business Administration 2.0 - Associate in Science Degree for Transfer (Draft)
compared with
Business Administration 2.0 - Associate in Science Degree for Transfer (Active - Implemented 08-15-2022)

Cover

Does award also prepare students for transfer? Yes
Proposal Information
Effective Term Fall ~~2022~~ 2025
Origination Date ~~10/01/2021~~
The Curriculum Committee has permission to correct any misspelling or punctuation issues. Yes

Program Requirements

Program Requirements

1. **Min** ~~29~~ 28 .000
   Max ~~30~~ 29 .000
   Group Title Required Core: (28- 29 ~~-30~~ Units)
   1. **Course** BUSN 1A - Financial Accounting
      Course Detail Units and Hours:

Lecture Hours	72
Inside of Class Hours	72
Outside of Class Hours	144

      Requisites:
      Term 4
   2. **Course** BUSN 1B - Managerial Accounting
      Course Detail Units and Hours:

Lecture Hours	72
Inside of Class Hours	72

Outside of Class Hours	144

Requisites:
Prerequisite: BUSN 1A with a minimum grade of C
Term 5

3. **Min** ~~4~~ 3 .000
   Max ~~4~~ 3 .000
   Course BUSN 18 - Business Law (Approved)
   Course Detail Units and Hours:

Lecture Hours	54
Inside of Class Hours	54
Outside of Class Hours	108

Requisites:
Recommended Course Preparation: BUSN 40 with a minimum grade of C, ENG 1A with a minimum grade of C, or ENG 1AEX with a minimum grade of C
Term 5

4. **Course** BUSN 40 - Introduction to Business
   Course Detail Units and Hours:

Lecture Hours	54
Inside of Class Hours	54
Outside of Class Hours	108

Requisites:
Enrollment Limitation: Eligibility for college-level composition (ENG 1A, ENG 1AEX, or ESL 1A) as determined by college assessment or other appropriate method.
Term 1

5. **Course** ECON 1 - Principles of Microeconomics
   Course Detail Units and Hours:

Lecture Hours	54
Inside of Class Hours	54
Outside of Class Hours	108

Requisites:
Enrollment Limitation: Elementary Algebra or a higher level of mathematics., Intermediate Algebra or a higher level of mathematics..
Term 2

6. **Course** ECON 2 - Principles of Macroeconomics (Historical)
   Course Detail Units and Hours:

Lecture Hours	54
Inside of Class Hours	54
Outside of Class Hours	108

Requisites:
Prerequisite: MATH 110 with a minimum grade of C, or NMAT 210 with a minimum grade of C **Recommended Course Preparation:** MATH 55 with a minimum grade of C, or NMAT 255 with a minimum grade of C
Term 3

7. **Course** MATH 40 - Statistics and Probability
   Term 2
8. **Group Title**
   1. **Course** MATH 34 - Business Calculus
      Course Detail Units and Hours:

Lecture Hours	72
Inside of Class Hours	72
Outside of Class Hours	144

      Requisites:
      Enrollment Limitation: Intermediate Algebra or a higher level of mathematics..
      Term 2
   2. **Course** MATH 33 - Finite Mathematics
      Course Detail Units and Hours:

Lecture Hours	72
Inside of Class Hours	72
Outside of Class Hours	144

      Requisites:
      Enrollment Limitation: Intermediate Algebra or a higher level of mathematics..
      Term 2
   3. **Course** MATH 1 - Calculus I
      Course Detail Units and Hours:

Lecture Hours	90
Inside of Class Hours	90
Outside of Class Hours	180

      Requisites:
      Prerequisite: MATH 30 with a minimum grade of C, MATH 39 with a minimum grade of C

Term 2

2. **Group Title** Total Units for the Major

    1. **Min** ~~29~~ 28 .000
       Max ~~30~~ 29 .000
       Non Course Requirment

3. **Min** 32.000
   Max 31.000
   Group Title Additional General Education and Elective Units

    1. **Min** ~~30~~ 31 .000
       Max ~~31~~ 32 .000
       Non Course Requirment

Program Mapper

Effective Term Fall 2025
Program Mapper

1. **Min** ~~29~~ 16 .000
   Max ~~30~~ 16 .000
   Course Block Definition
   ~~Required~~ 1st ~~Core: (29-30 Units)~~ Term
   Program Courses

    1. **Min** ~~4~~ 3 .000
       Max ~~4~~ 3 .000
       Non- Course Requirement ~~BUSN 1A - Financial Accounting~~
       Elective
    2. **Min** ~~4~~ 3 .000
       Max ~~4~~ 3 .000
       Non- Course Requirement ~~BUSN~~
       Written ~~1B~~ Communication = (Area ~~Managerial Accounting~~ 1A)
       Term Course
       Fall ~~No~~ Yes
    3. **Min** ~~4~~ 3 .000
       Max ~~4~~ 3 .000
       Non- Course Requirement ~~BUSN~~
       Humanities ~~1B~~ GE = (Area ~~Business Law~~ 3B)
       Term Course
       Fall ~~No~~ Yes
    4. **Course** BUSN 40 - Introduction to Business
       Course Detail Units and Hours:

Lecture Hours	54
Inside of Class Hours	54
Outside of Class Hours	108

Requisites:
Enrollment Limitation: Eligibility for college-level composition (ENG 1A, ENG 1AEX, or ESL 1A) as determined by college assessment or other appropriate method.
Term Course
Fall Yes

5. **Min** 4.000
   Max 4.000
   Course MATH 40 - Statistics and Probability
   Course Detail Units and Hours:

Lecture Hours	72
Inside of Class Hours	72
Outside of Class Hours	144

Requisites:
Enrollment Limitation: Intermediate Algebra or a higher level of mathematics..
Term Course
Fall Yes

2. **Min** 13.000
   Max 13.000
   Course Block Definition
   2nd Term
   Program Courses

   1. **Min** 3.000
      Max 3.000
      Non-Course Requirement
      Critical Thinking GE (Area 1B)
      Term Course
      Spring Yes
   2. **Min** 3.000
      Max 3.000
      Non-Course Requirement
      Oral Communication GE (Area 1C)
      Course Block Reference
      Exception Identifier
      Exception
      Footer
      Term
      Term Course
      Spring Yes
      Summer No
      Fall No
      Rotating No

3. **Min** 3.000
   Max 3.000
   Course ECON 1 - Principles of Microeconomics
   Course Detail
   ~~**Term**~~ **Units** ~~**Course**~~
   ~~**Fall**~~ and ~~No~~
4. ~~**Min**~~ Hours:

Lecture Hours	54
Inside of ~~Macroeconomics~~ Class ~~(Historical)~~ Hours	54
Outside of Class Hours	108

Requisites:
Enrollment Limitation: Elementary Algebra or a higher level of mathematics.,
~~**Course Detail**~~ Intermediate Algebra or a higher level of mathematics..
Exception Identifier
Exception
Footer
Term
Term Course
Spring No
Summer No
Fall No
Rotating No

Min 4.000
Max 4 ~~.000~~
~~**Course**~~ - ~~MATH 40 - Statistics and Probability~~
~~**Course Detail**~~ -
~~**Exception Identifier**~~ -
~~**Exception**~~ -
~~**Footer**~~ -
~~**Term**~~ -
~~**Term Course**~~
~~**Spring**~~ - ~~No~~
~~**Summer**~~ - ~~No~~
~~**Fall**~~ - ~~No~~
~~**Rotating**~~ - ~~No~~
~~**Min**~~ - ~~4.000~~
~~**Max**~~ - ~~5~~ .000
Group Title
Exception Identifier
Exception
Footer
Term
Term Course

Spring No
Summer No
Fall No
Rotating No

1. **Min** 4.000
   Max 4.000
   Course MATH 33 - Finite Mathematics
   Course Detail Units and Hours:

Lecture Hours	72
Inside of Class Hours	72
Outside of Class Hours	144

   Requisites:
   Enrollment Limitation: Intermediate Algebra or a higher level of mathematics..
   Exception Identifier
   Exception
   Footer
   Term
   Term Course
   Spring Yes
   Summer No
   Fall No
   Rotating No
2. **Min** 4.000
   Max 4.000
   Course MATH 34 - Business Calculus
   Course Detail Units and Hours:

Lecture Hours	72
Inside of Class Hours	72
Outside of Class Hours	144

   Requisites:
   Enrollment Limitation: Intermediate Algebra or a higher level of mathematics..
   Exception Identifier
   Exception
   Footer
   Term
   Term Course
   Spring No
   Summer No
   Fall No

Rotating _ No

Min _ 3.000

Max _ 3.000

Course Block Definition _

3rd Term

Program Courses

1. **Min** _ 3.000
   Max _ 3.000
   Course _ ECON 2 - Principles of Macroeconomics (Historical)
   Course Detail _ Units and Hours:

Lecture Hours	54
Inside of Class Hours	54
Outside of Class Hours	108

   Requisites:
   Prerequisite: MATH 110 with a minimum grade of C, or NMAT 210 with a minimum grade of C _ **Recommended Course Preparation:** MATH 55 with a minimum grade of C, or NMAT 255 with a minimum grade of C _
   Term Course
   Summer _ Yes

Min _ 14.000

Max _ 14.000

Course Block Definition _

4th Term

Header _

Footer _

Program Courses

1. **Min** _ 3.000
   Max _ 3.000
   Non-Course Requirement _
   Ethnic Studies GE (Area 6)
   Course Block Reference _
   Exception Identifier _
   Exception _
   Footer _
   Term _
   Term Course
   Spring _ No
   Summer _ No
   Fall _ Yes
   Rotating _ No
2. **Min** _ 3.000

Max 3.000
Non-Course Requirement
Arts GE (Area 3A)
Course Block Reference
Exception Identifier
Exception
Footer
Term
Term Course
Spring No
Summer No
Fall Yes
Rotating No

3. **Min** 4.000
Max 4.000
Non-Course Requirement
Physical Science with Lab GE (Area 5A/5C)
Course Block Reference
Exception Identifier
Exception
Footer
Term
Term Course
Spring No
Summer No
Fall No
Rotating No
4. **Min** 4.000
Max 4.000
Course ~~MATH~~ BUSN ~~33~~ 1A - ~~Finite~~ Financial ~~Mathematics~~ Accounting
Course Detail Units and Hours:

Lecture Hours	72
Inside of Class Hours	72
Outside of Class Hours	144

Requisites:
Exception Identifier
Exception
Footer
Term
Term Course
Spring No
Summer No
Fall Yes

Rotating No

Min 14.000

Max 14.000

Course Block Definition

5th Term

Header

Footer

Program Courses

1. **Min** 3.000
   Max 3.000
   Non-Course Requirement
   Biological Science GE (Area 5B)
   Course Block Reference
   Exception Identifier
   Exception
   Footer
   Term
   Term Course
   Spring No
   Summer No
   Fall No
   Rotating No
2. **Min** ~~5~~ 4 .000
   Max ~~5~~ 4 .000
   Non- **Course** **Requirement** ~~MATH 1 - Calculus I~~
   Elective
   Course ~~**Detail**~~ **Block Reference**
   Exception Identifier
   Exception
   Footer
   Term
   Term Course
   Spring No
   Summer No
   Fall No
   Rotating No

Min ~~0~~ 3 .000

Max ~~0~~ 3 .000

Course ~~**Block Definition**~~

~~Total~~ BUSN ~~Units~~ 18 ~~for~~ - ~~the~~ Business ~~Major~~ Law (Approved)

~~**Program**~~ **Course** ~~**Courses**~~

1. ~~**Min**~~ **Detail** ~~29~~ Units and Hours:

Lecture Hours	54
Inside of Class Hours	54
Outside of Class Hours	108

Requisites:
Recommended Course Preparation: BUSN 40 with a minimum grade of C,
~~**Max** 30.000~~ ENG 1A with a minimum grade of C, or ENG 1AEX with a minimum grade of C
Exception Identifier
~~**Non-Course Requirement**~~ **Exception**
Footer
Term
Term Course
Spring No
Summer No
Fall No
Rotating No

Min ~~31~~ 4 .000
Max ~~30~~ 4 .000
Course ~~**Block Definition**~~
~~Additional~~ BUSN ~~General~~ 1B ~~Education~~ ~~and~~ Managerial ~~Elective Units~~
Accounting
~~**Program**~~ **Course** ~~**Courses**~~

1. ~~**Min**~~ **Detail** ~~30~~ Units and Hours:

Lecture Hours	72
Inside of Class Hours	72
Outside of Class Hours	144

Requisites:
Prerequisite: BUSN 1A with a minimum grade of C
~~**Max** 31.000~~
Exception Identifier
~~**Non-Course Requirement**~~ **Exception**
Footer
Term
Term Course
Spring Yes
Summer No
Fall No
Rotating No

Program Learning Outcomes

Outcomes

1. **Outcome**
   Upon completion of the AS-T in Business Administration 2.0, students are able to list and explain the factors of production, the external business environments and apply their influence in specific business problems.
2. **Outcome**
   Upon completion of the AS-T in Business Administration 2.0, students are able to explain the functions of all business operations and identify the resources needed in each area.
3. **Outcome**
   Upon completion of the AS-T in Business Administration 2.0, students are able to demonstrate knowledge of business operations, the business organization, business environments, and business procedures.
4. **Outcome**
   Upon completion of the AS-T in Business Administration 2.0, students are able to compare and contrast ethical standards and best practices of social responsibility to business situations.

Codes and Dates

Approval Dates

-
-

Program Originator ~~Chopra~~ Kutil , ~~Rajeev~~ Craig

Implementation Date ~~*2022-08-15*~~

Effective Term Fall ~~2022~~ 2025

Program Narrative

LAS POSITAS COLLEGE

Technical Program Revision: Economics - Associate in Arts Degree for Transfer

1. Statement of Program Goals and Objectives

The Associate in Arts in Economics for Transfer degree is designed to prepare students for a seamless transfer into the CSU system to complete a baccalaureate degree in Economics. The Associate in Arts in Economics for Transfer degree is designed to provide students with the common core of lower division courses required to transfer and pursue a baccalaureate degree in Economics.

2. Catalog Description

The Las Positas College Economics program offers courses that lead to an Associate in Science in Economics for Transfer degree. The major requirements for the Associate in Arts in Economics for Transfer degree align with the Intersegmental Transfer Model Curriculum (TMC) for Economics. Students will have guaranteed admission to a California State University (CSU) campus upon successful completion of the program requirements. Students should consult with a counselor to determine whether this degree is the best option for their transfer goals. General education requirements should be selected carefully based on the intended transfer institution.

Completion Requirements:

1. Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
    a. The Intersegmental General Education Transfer Curriculum (IGETC) or CA State University General Education - Breadth Requirements.
    b. A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
2. Obtainment of a minimum grade point average of 2.0.

Associate Degrees for Transfer (ADT's) also require that students must earn a "C" (or "P") or better in all courses required for the major or area of emphasis.

Program Requirements

LAS POSITAS COLLEGE

Technical Program Revision: Economics - Associate in Arts Degree for Transfer

Program Title
Economics

Award Type
Associate in Arts Degree for Transfer

Effective Term
Fall 2025

Program Description
The Las Positas College Economics program offers courses that lead to an Associate in Science in Economics for Transfer degree. The major requirements for the Associate in Arts in Economics for Transfer degree align with the Intersegmental Transfer Model Curriculum (TMC) for Economics. Students will have guaranteed admission to a California State University (CSU) campus upon successful completion of the program requirements. Students should consult with a counselor to determine whether this degree is the best option for their transfer goals. General education requirements should be selected carefully based on the intended transfer institution.

Program Requirements

Course	Title	Units	Term

Required Core: (14-15 Units)			14.0-15.0
ECON 1	Principles of Microeconomics	1st	3.0
ECON 2	Principles of Macroeconomics	2nd	3.0
MATH 1	Calculus I	2nd	5.0
OR			
MATH 34	Business Calculus	2nd	4.0
MATH 40	Statistics and Probability	1st	4.0
List A: Select One (3-5 Units)			3.0-5.0
BUSN 1A	Financial Accounting	3rd	4.0
BUSN 1B	Managerial Accounting	3rd	4.0
CS 1	Computing Fundamentals I	3rd	4.0
CS 7	Introduction to Computer Programming Concepts	3rd	3.0
CIS 50	Introduction to Computing Information Technology	3rd	3.0
MATH 2	Calculus II	3rd	5.0
MATH 33	Finite Mathematics	3rd	4.0
List B: Select One (3-5 Units)			3.0-5.0
Any List A course not already used.		4th	3.0-5.0
ECON 5	Economic History of the United States	4th	3.0
MATH 3	Multivariable Calculus	4th	5.0
MATH 7	Elementary Linear Algebra	4th	3.5
Total Units for the Major			20.0-25.0
Additional General Education and Elective Units			40.0-35.0 35.0-40.0

Total: 60.0

Program Pathway

LAS POSITAS COLLEGE

Technical Program Revision: Economics - Associate in Arts Degree for Transfer

The Las Positas College Economics program offers courses that lead to an Associate in Science in Economics for Transfer degree. The major requirements for the Associate in Arts in Economics for Transfer degree align with the Intersegmental Transfer Model Curriculum (TMC) for Economics. Students will have guaranteed admission to a California State University (CSU) campus upon successful completion of the program requirements. Students should consult with a counselor to determine whether this degree is the best option for their transfer goals. General education requirements should be selected carefully based on the intended transfer institution.

SEMESTER-BY-SEMESTER PROGRAM PLAN FOR FULL-TIME STUDENTS

All plans can be modified to fit the needs of part-time students by adding more semesters

1st Term **Units:** 15.0

Course Sequence		Units
ECON 1	Principles of Microeconomics	3.0
MATH 40	Statistics and Probability	4.0
English Composition (Area 1A)		3.0
Electives		5.0

The sequence number is the recommended order in which courses should be taken

2nd Term **Units:** 15.0

Course Sequence		Units

ECON 2	Principles of Macroeconomics	3.0
MATH 1	Calculus I	5.0
OR		
MATH 34	Business Calculus	4.0
Critical Thinking GE (Area 1B)		3.0
Physical Science with Lab GE (Area 5A/5C)		4.0
Elective		0.0-1.0

The sequence number is the recommended order in which courses should be taken

3rd Term **Units:** 15.0

Course Sequence		Units
List A (major)		3.0-5.0
Oral Communication GE (Area 1C)		3.0
Life Science GE (Area 5B)		3.0
Arts GE (Area 3A)		3.0
Elective		1.0-3.0

The sequence number is the recommended order in which courses should be taken

4th Term **Units:** 15.0

Course Sequence		Units
List B (major)		3.0-5.0
Humanities GE (Area 3B)		3.0
Ethnic Studies GE (Area 6)		3.0
Elective		4.0-6.0

The sequence number is the recommended order in which courses should be taken

*Course can also be used to satisfy American Institutions CSU grad requirement (see catalog)

Total: 60.0

Abridged Comparison

LAS POSITAS COLLEGE

Technical Program Revision: Economics - Associate in Arts Degree for Transfer

Technical Program Revision: Economics - Associate in Arts Degree for Transfer (Draft)
compared with
Economics - Associate in Arts Degree for Transfer (Active - Implemented 08-16-2023)

Cover

Does award also prepare students for transfer? Yes
Proposal Information
Effective Term Fall ~~2023~~ 2025
Next Program Review (Month/Year) October ~~2025~~ 2026
Origination Date ~~03/21/2022~~
The Curriculum Committee has permission to correct any misspelling or punctuation issues. Yes

Program Requirements

Program Requirements

1. **Min** 14.000
   Max 15.000
   Group Title Required Core: (14-15 Units)
   1. **Course** ECON 1 - Principles of Microeconomics
      Course Detail Units and Hours:

Lecture Hours	54
Inside of Class Hours	54
Outside of Class Hours	108

      Requisites:
      Enrollment Limitation: Elementary Algebra or a higher level of mathematics., Intermediate Algebra or a higher level of mathematics.,
      Term 1
   2. **Course** ECON 2 - Principles of Macroeconomics
      Course Detail Units and Hours:

Lecture Hours	54

Inside of Class Hours	54
Outside of Class Hours	108

Requisites:
Enrollment Limitation: Elementary Algebra or a higher level of mathematics., Intermediate Algebra or a higher level of mathematics..
Term 2

3. **Group Title**

    1. **Course** MATH 1 - Calculus I
    Course Detail Units and Hours:

Lecture Hours	90
Inside of Class Hours	90
Outside of Class Hours	180

    Requisites:
    Prerequisite: MATH 30 with a minimum grade of C, MATH 39 with a minimum grade of C
    Term 2
    2. **Course** MATH 34 - Business Calculus
    Course Detail Units and Hours:

Lecture Hours	72
Inside of Class Hours	72
Outside of Class Hours	144

    Requisites:
    Enrollment Limitation: Intermediate Algebra or a higher level of mathematics..
    Term 2

4. **Course** MATH 40 - Statistics and Probability
Course Detail Units and Hours:

Lecture Hours	72
Inside of Class Hours	72
Outside of Class Hours	144

Requisites:
Enrollment Limitation: Intermediate Algebra or a higher level of mathematics..
Term 1

2. **Min** 3.000
Max 5.000
Group Title List A: Select One (3-5 Units)

1. **Course** BUSN 1A - Financial Accounting
   Course Detail Units and Hours:

Lecture Hours	72
Inside of Class Hours	72
Outside of Class Hours	144

   Requisites:
   Term 3
2. **Course** BUSN 1B - Managerial Accounting
   Course Detail Units and Hours:

Lecture Hours	72
Inside of Class Hours	72
Outside of Class Hours	144

   Requisites:
   Prerequisite: BUSN 1A with a minimum grade of C
   Term 3
3. **Course** CS 1 - Computing Fundamentals I
   Course Detail Units and Hours:

Lecture Hours	54
Lab Hours	54
Inside of Class Hours	108
Outside of Class Hours	108

   Requisites:
   Recommended Course Preparation: MATH 107 with a minimum grade of C, CS 7 with a minimum grade of C
   Term 3
4. **Course** CS 7 - Introduction to Computer Programming Concepts
   Course Detail Units and Hours:

Lecture Hours	45
Lab Hours	27
Inside of Class Hours	72
Outside of Class Hours	90

   Requisites:
   Term 3
5. **Course** CIS 50 - Introduction to Computing Information Technology

Course Detail Units and Hours:

Lecture Hours	54
Inside of Class Hours	54
Outside of Class Hours	108

Requisites:

Term 3

6. **Course** MATH 2 - Calculus II
   Course Detail Units and Hours:

Lecture Hours	90
Inside of Class Hours	90
Outside of Class Hours	180

Requisites:

Prerequisite: MATH 1 with a minimum grade of C

Term 3

7. **Course** MATH 33 - Finite Mathematics
   Course Detail Units and Hours:

Lecture Hours	72
Inside of Class Hours	72
Outside of Class Hours	144

Requisites:

Enrollment Limitation: Intermediate Algebra or a higher level of mathematics..

Term 3

3. **Min** 3.000
   Max 5.000
   Group Title List B: Select One (3-5 Units)

   1. **Non Course Requirment** Any List A course not already used.
      Term 4
   2. **Course** ECON 5 - Economic History of the United States
      Course Detail Units and Hours:

Lecture Hours	54
Inside of Class Hours	54
Outside of Class Hours	108

Requisites:

Term 4

3. **Course** MATH 3 - Multivariable Calculus
   Course Detail Units and Hours:

Lecture Hours	90
Inside of Class Hours	90
Outside of Class Hours	180

   Requisites:
   Prerequisite: MATH 2 with a minimum grade of C
   Term 4
4. **Course** MATH 7 - Elementary Linear Algebra
   Course Detail Units and Hours:

Lecture Hours	54
Lab Hours	27
Inside of Class Hours	81
Outside of Class Hours	108

   Requisites:
   Prerequisite: MATH 2 with a minimum grade of C
   Term 4

4. **Min** 40.000
   Max 35.000
   Group Title Additional General Education and Elective Units

Program Mapper

Effective Term Fall 2025
Program Mapper

1. **Min** ~~14~~ 15 .000
   Course Block Definition
   ~~Required~~ 1st ~~Core: (14-15 Units)~~ Term
   Program Courses

   1. **Course** ECON 1 - Principles of Microeconomics
      Course Detail Units and Hours:

Lecture Hours	54
Inside of Class Hours	54
Outside of Class Hours	108

      Requisites:

Enrollment Limitation: Elementary Algebra or a higher level of mathematics., Intermediate Algebra or a higher level of mathematics..

2. **Min** 4.000
   Max 4.000
   Course MATH 40 - Statistics and Probability
   Course Detail Units and Hours:

Lecture Hours	72
Inside of Class Hours	72
Outside of Class Hours	144

   Requisites:
   Enrollment Limitation: Intermediate Algebra or a higher level of mathematics..
3. **Min** 3.000
   Max 3.000
   Non-Course Requirement
   English Composition (Area 1A)
4. **Min** 5.000
   Max 5.000
   Non-Course Requirement
   Electives

2. **Min** 15.000
   Max 15.000
   Course Block Definition
   2nd Term
   Program Courses

   1. **Min** 3.000
      Max 3.000
      Course ECON 2 - Principles of Macroeconomics
      Course Detail Units and Hours:

Lecture Hours	54
Inside of Class Hours	54
Outside of Class Hours	108

      Requisites:
      Enrollment Limitation: Elementary Algebra or a higher level of mathematics., Intermediate Algebra or a higher level of mathematics..
   2. ~~**Min** 4.000~~
      Max 5.000
      Group Title

      1. **Min** 5.000
         Max 5.000

Course MATH 1 - Calculus I
Course Detail Units and Hours:

Lecture Hours	90
Inside of Class Hours	90
Outside of Class Hours	180

Requisites:
Prerequisite: MATH 30 with a minimum grade of C, MATH 39 with a minimum grade of C
Exception Identifier
Exception
Footer
Term
Term Course
Spring No
Summer No
Fall No
Rotating No

2. **Min** 4.000
Max 4.000
Course MATH 34 - Business Calculus
Course Detail Units and Hours:

Lecture Hours	72
Inside of Class Hours	72
Outside of Class Hours	144

Requisites:
Enrollment Limitation: Intermediate Algebra or a higher level of mathematics..
Exception Identifier
Exception
Footer
Term
Term Course
Spring No
Summer No
Fall No
Rotating No

3. **Min** ~~4~~ 3 .000
Max ~~4~~ 3 .000
~~**Course** - MATH 40~~ Non - ~~Statistics and Probability~~

3. ~~**Min** - 3.000~~

~~Max - 5.000~~

Course ~~Block Definition~~ Requirement

~~List~~ Critical ~~A:~~ Thinking ~~Select One~~ GE (~~3-5~~ Area ~~Units~~ 1B)

~~Program Courses~~

1. ~~Min - 4.000~~
   ~~Max - 4.000~~
   ~~Course - BUSN 1A - Financial Accounting~~
   ~~Course Detail -~~
2. ~~Max - 4.000~~
   ~~Course - BUSN 1B - Managerial Accounting~~
3. Min 4.000
   Max 4.000
   Non- Course Requirement
   Physical Science with Lab GE (Area 5A/5C)
4. Min ~~CS~~ 0.000
   Max 1 .000
   Non-Course Requirement
   Elective

4. Min 15.000
   Max 15.000
   Course Block Definition
   3rd Term
   Program Courses

   1. Non - Course ~~Computing~~ Requirement ~~Fundamentals~~
      List ~~I~~ A (major)
   2. Non-Course Requirement
      Oral Communication GE (Area 1C)
   3. Min 3.000
      Max 3.000
      Non- Course Requirement ~~CS~~
      Life ~~7~~ Science ~~-~~ GE ~~Introduction~~ (Area ~~to Computer Programming Concepts~~ 5B)
   4. Min 3.000
      Max 3.000
      Non- Course Requirement ~~CIS~~
      Arts ~~50~~ GE ~~-~~ (Area ~~Introduction to Computing Information Technology~~ 3A)
   5. Min ~~5~~ 1.000
      Max 3.000
      Non-Course Requirement
      Elective
      Course Block Reference
      Exception Identifier
      Exception
      Footer
      Term
      Term Course

Spring _ No
Summer _ No
Fall _ No
Rotating _ No

5. Min _ 15.000
Max _ 15.000
Course Block Definition _
4th Term
Program Courses

1. Min _ 3 .000
Max 5.000
Non- Course Requirement _
List B (major)
2. Min ~~MATH~~ 3.000
Max ~~2~~ 3.000
Non-Course ~~=~~ Requirement ~~Calculus~~
*Humanities ~~II~~ GE (Area 3B)
Course ~~Detail~~ Block Reference _
Exception Identifier _ *
Exception _ Course can also be used to satisfy American Institutions CSU grad requirement (see catalog)
Footer _
Term _
Term Course
Spring _ No
Summer _ No
Fall _ No
Rotating _ No
3. Min _ 3.000
Max _ 3.000
Non-Course Requirement _
Ethnic Studies GE (Area 6)
Course Block Reference
Exception Identifier
Exception
Footer
Term
Term Course
Spring No
Summer No
Fall No
Rotating No
4. Min 4.000
Max ~~4.000~~
~~Course - MATH 33 - Finite Mathematics~~

~~Course Detail~~ -
~~Exception Identifier~~ -
~~Exception~~ -
~~Footer~~ -
~~Term~~ -
~~Term Course~~
~~Spring~~ - ~~No~~
~~Summer~~ - ~~No~~
~~Fall~~ - ~~No~~
~~Rotating~~ - ~~No~~

6. ~~Min~~ - ~~3.000~~
~~Max~~ - ~~5.000~~
~~Course Block Definition~~ -
~~List B: Select One (3-5 Units)~~
~~Program Courses~~

    1. ~~Non-Course Requirement~~ -
    ~~Any List A course not already used.~~
    2. ~~Course~~ - ~~ECON 5 - Economic History of the United States~~
    3. ~~Min~~ - ~~5.000~~
    ~~Max~~ - ~~5.000~~
    ~~Course~~ - ~~MATH 3 - Multivariable Calculus~~
    4. ~~Min~~ - ~~3.500~~
    ~~Max~~ - ~~3.500~~
    ~~Course~~ - ~~MATH 7 - Elementary Linear Algebra~~

7. ~~Min~~ - ~~0.000~~
~~Max~~ - ~~0.000~~
~~Course Block Definition~~ -
~~Total Units for the Major~~
~~Program Courses~~

    1. ~~Min~~ - ~~20.000~~
    ~~Max~~ - ~~25~~ 6 .000
    Non-Course Requirement

8. ~~Min~~ - ~~40.000~~
~~Max~~ - ~~35.000~~
~~Course Block Definition~~ -
~~Additional General Education and~~ Elective ~~Units~~
~~Header~~ -
~~Footer~~ -
~~Program Courses~~

    1. ~~Min~~ - ~~35.000~~
    ~~Max~~ - ~~40.000~~
    ~~Non-Course Requirement~~ -
    Course Block Reference

Exception Identifier
Exception
Footer
Term
Term Course
Spring No
Summer No
Fall No
Rotating No

Attachments

Attached File
AAM
BCT
TMC
Double Count

Codes and Dates

Approval Dates

-
-

Implementation Date ~~*2023-08-16*~~

Effective Term Fall ~~2023~~ 2025

Next Program Review (Month/Year) October ~~2025~~ 2026

5.4 Program Maps

- Administration of Justice, AS-T, 25-26 **Fall 2025**
- Administration of Justice, AS-T, CSU East Bay 25-26 **Fall 2025**
- Anthropology, AA-T, 25-26 **Fall 2025**
- Business Administration 2.0, AS-T 25-26 **Fall 2025**
- Business Administration 2.0, AS-T CSU East Bay 25-26 **Fall 2025**
- Child and Adolescent Development, AA-T, 25-26 **Fall 2025**
- Child and Adolescent Development, AA-T, CSU East Bay 25-26 **Fall 2025**
- Communication Studies 2.0, AA-T, 25-26 **Fall 2025**
- Communication Studies 2.0, AA-T, CSU East Bay 25-26 **Fall 2025**
- Early Childhood Education AS-T, 25-26 **Fall 2025**
- Early Childhood Education AS-T, CSU East Bay 25-26 **Fall 2025**
- Economics, AA-T 25-26 **Fall 2025**
- English, AA-T 25-26 **Fall 2025**
- Geography, AA-T 25-26 **Fall 2025**
- Geology, AS-T 25-26 **Fall 2025**
- Global Studies, AA-T 25-26 **Fall 2025**
- History, AA-T 25-26 **Fall 2025**
- Journalism, AA-T 25-26 **Fall 2025**
- Kinesiology, AA-T 25-26 **Fall 2025**
- Kinesiology, AA-T, CSU East Bay 25-26 **Fall 2025**
- Mathematics, AS-T, 25-26 **Fall 2025**
- Music, AA-T, 25-26 **Fall 2025**
- Nutrition and Dietetics, AS-T, 25-26 **Fall 2025**
- Philosophy, AA-T, 25-26 **Fall 2025**
- Psychology, AA-T, 25-26 **Fall 2025**
- Psychology, AA-T, CSU East Bay 25-26 **Fall 2025**
- Public Health, AS-T, 25-26 **Fall 2025**
- Social Work and Human Services, AS-T, 25-26 **Fall 2025**
- Spanish, AA-T, 25-26 **Fall 2025**
- Studio Arts, AA-T, 25-26 **Fall 2025**
- Theater Arts, AA-T, 25-26 **Fall 2025**

Program Mapping Template (Program: Administration of Justice; Cal-GETC)

□ AA □ AS □ AA-T ■ AS-T □ COA □ CC

This is an example course sequence. All plans can be modified to fit the needs of part-time students by adding more semesters. Students must meet with a counselor to complete an individualized educational plan.

SEMESTER 1 - FALL

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
AJ 50	3			*List A options include AJ 55, 61, 63, 66 or 70
*List A (major)	3			
Eng 1A (Area 1A)	3			
Oral Communication (Area 1C)	3			
elective	1			
SEMESTER TOTAL	13			

SEMESTER 2 - SPRING

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
*List A (major)	3			*List A options include AJ 55, 61, 63, 66 or 70
Critical Thinking (1B)	3			
Arts (Area 3A)	3			**NMAT 200C recommended
Physical Science (Area 5A)	3			
**MATH 40 (Area 2 + List B major)	4			
SEMESTER TOTAL	16			

SEMESTER 3 - SUMMER

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
SEMESTER TOTAL				

SEMESTER 4 - FALL

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
AJ 60	3	Fall only		List B options include: Psyc 1, Soc 1 or any list A not taken
*List B major	3			
Life Science w/lab (Area 5B/5C)	4			
Humanities (Area 3B)	3			
elective	3			
SEMESTER TOTAL	16			

SEMESTER 5 - SPRING

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
*Elective	12			*Strongly recommend AJ 68 - Spring only (desired for employment in law enforcement)
Ethnic Studies (Area 6)	3			
SEMESTER TOTAL	15			
Total Major Coursework				
Total Units Required	60			

Program Mapping Template (Program: Administration of Justice; Cal-GETC)

□ AA □ AS □ AA-T ■ AS-T □ COA □ CC

This is an example course sequence. All plans can be modified to fit the needs of part-time students by adding more semesters. Students must meet with a counselor to complete an individualized educational plan.

SEMESTER 1 - FALL

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
AJ 50	3			*Course satisfies List A (major) + EB (major)
*AJ 63	3			
Written Communication (Area 1A)	3			
Oral Communication (Area 1C)	3			
elective	1			
SEMESTER TOTAL	13			

SEMESTER 2 - SPRING

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
*AJ 70	3			*Course satisfies List A (major) + EB (major) **NMAT 200C recommended
Eng 4 or Eng 7 (Area 1B/ 2nd Comp.)	3			
Arts (Area 3A)	3			
Physical Science (Area 5A)	3			
**Math 40 (Area 2 + List B major)	4			
SEMESTER TOTAL	16			

SEMESTER 3 - SUMMER

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
SEMESTER TOTAL				

SEMESTER 4 - FALL

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
AJ 60	3	Fall only		
SOC 1 (List B major)	3			
Life Science w/lab (Area 5B/5C)	4			
HIST 7 (Area 3B + A.I.)	3			
elective	3			
SEMESTER TOTAL	16			

SEMESTER 5 - SPRING

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
HIST 8 or HIST 14 (A.I.)	3			*If Psych or Soc not yet taken **Strongly recommend AJ 68 - Spring only (desired for employment in law enforcement)
*Ethnic Studies (Area 6)	3			
**elective	9			
SEMESTER TOTAL	15			
Total Major Coursework				
Total Units Required	60			

Program Mapping Template (Program: Anthropology; CalGETC)

□ AA □ AS ■ AA-T □ AS-T □ COA □ CC

This is an example course sequence. All plans can be modified to fit the needs of part-time students by adding more semesters. Students must meet with a counselor to complete an individualized educational plan.

SEMESTER 1 - FALL

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
Antr 3	3			*Course can also be used to satisfy American Institutions CSU grad requirement (see catalog).
Eng 1A (Area 1A)	3			
*Humanities (Area 3B)	3			
Elective	6			
SEMESTER TOTAL	15			

SEMESTER 2 - SPRING

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
Elective	3			*Recommend: Mathematics Support MATH 100C/NMAT 200C
Antr 2	3			
Critical Thinking (Area 1B)	3			
Arts (Area 3A)	3			
*Math 40 (List A + Area 2)	4			
SEMESTER TOTAL	16			

SEMESTER 3 - SUMMER

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
SEMESTER TOTAL				

SEMESTER 4 - FALL

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
ANTR 1 & ANTR 1L (major)	4			*List A includes: -Antr 4 (Spring only), ANTR 7 or Antr 12 (Fall only), or Math 40
Oral Communication (Area 1C)	3			
Ethnic Studies (Area 6)	3			
Elective	4			
SEMESTER TOTAL	14			

SEMESTER 5 - SPRING

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
*List B (major)	3			*List B (4 units required) includes: - Geol 1 & 1L, Geog 15, or any list A not already taken **List C includes: -Antr 5, Antr 8, Antr 13, ETHS 5, ETHS 6, Hist 14, Hist 25, Pcn 13, Psyc 21, Soc 3, or Any list A or B not already taken
*List B (major)	3			
**List C (major)	3			
Physical Science (Area 5A)	3			
Elective	3			
SEMESTER TOTAL	15			
Total Major Coursework				
Total Units Required	60			

Program Mapping Template (Program: Business Administration 2.0: Cal-GETC)

□ AA □ AS □ AA-T ■ AS-T □ COA □ CC

This is an example course sequence. All plans can be modified to fit the needs of part-time students by adding more semesters. Students must meet with a counselor to complete an individualized educational plan.

SEMESTER 1 - FALL

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
BUSN 40 (major)	3			*Recommend: MATH 40 + MATH 100C/NMAT 200C
Written Communication (Area 1A)	3			
*MATH 40 (major + Area 2)	4			
Elective	3			
Humanities (Area 3B)	3			
SEMESTER TOTAL	16			

SEMESTER 2 - SPRING

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
Oral Communication (Area 1C)	3			
Critical Thinking (Area 1B)	3			
ECON 1 (major + Area 4)	3			
MATH 34 or MATH 33 (major)	4			
SEMESTER TOTAL	13			

SEMESTER 3 - SUMMER

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
ECON 2 (major)	3			
SEMESTER TOTAL	3			

SEMESTER 4 - FALL

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
*Physical Sci w/lab (Area 5A/5C)	4			*Lab may be taken with area 5A or 5B
BUSN 1A (major)	4			
Arts (Area 3A)	3			
Ethnic Studies (Area 6)	3			
SEMESTER TOTAL	14			

SEMESTER 5 - SPRING

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
BUSN 1B (major)	4		BUSN 1A	
BUSN 18 (major)	3			
Elective	4			
Life Science (Area 5B)	3			
SEMESTER TOTAL	14			
Total Major Coursework				
Total Units Required	60			

Program Mapping Template (Program: Business Administration 2.0 EB; Cal-GETC)

□ AA □ AS □ AA-T ■ AS-T □ COA □ CC

This is an example course sequence. All plans can be modified to fit the needs of part-time students by adding more semesters. Students must meet with a counselor to complete an individualized educational plan.

SEMESTER 1 - FALL

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
Busn 40 or Cis 50 (List B)	3			*Course satisfies List A (major) + EB (major) + MATH 100C/ NMAT 200C
Written Communication (Area 1A)	3			
*Math 40 (List A)	4			
Hist 7 (Area 3B + A.I)	3			
Elective	3			
SEMESTER TOTAL	16			

SEMESTER 2 - SPRING

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
Oral Communication (Area 1C)	3			*Course satisfies List B (major) + EB (major)
Eng 4 or Eng 7 (Area 1B/ 2nd Comp.)	3		Eng 1A	
Econ 1	3			
*Math 33 (List B)	4			
SEMESTER TOTAL	13			

SEMESTER 3 - SUMMER

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
Econ 2	3			
SEMESTER TOTAL	3			

SEMESTER 4 - FALL

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
*Physical Sci w/lab (Area 5A/5C)	4			*Lab may be taken with area B1 or B2
Busn 1A	4			
Arts (Area 3A)	3			
Ethnic Studies (Area 6)	3			
SEMESTER TOTAL	14			

SEMESTER 5 - SPRING

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
Busn 1B	4		Busn 1A	
Busn 18	4			
Hist 8 or Hist 14 (A.I.)	3			
Life Science (Area 5B)	3			
SEMESTER TOTAL	14			
Total Major Coursework				
Total Units Required	60			

Program Mapping Template (Program: Child and Adolescent Development; Cal-GETC)

□ AA □ AS ■ AA-T □ AS-T □ COA □ CC

This is an example course sequence. All plans can be modified to fit the needs of part-time students by adding more semesters. Students must meet with a counselor to complete an individualized educational plan.

SEMESTER 1 - FALL

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
Ece 56 (major)	3			
Oral Communication (Area 1C)	3			
Psyc 1 (major + Area 4)	3			
Eng 1A (Area 1A)	3			
Elective	2			
SEMESTER TOTAL	14			

SEMESTER 2 - SPRING

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
*List A (major)	3			Strongly Recommend: ECE 50 or Psych 12 here *List A includes: Antr 3 or Ece 62 or Soc 1 or Soc 3 or Soc 4 Bio 10, or 30, or 50 Ece 50 Psych 12 **Satisfies American Institutions (CSU graduation req) ***MATH 40 + MATH 100C/NMAT 200C
Critical Thinking (Area 1B)	3			
***Math 40	4			
**Hist 7 (Area 3B)	3			
Elective	3			
SEMESTER TOTAL	16			

SEMESTER 3 - SUMMER

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
SEMESTER TOTAL				

SEMESTER 4 - FALL

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
*List A (major)	3			*List A includes (only one course for each group allowed): -1 Antr 3, Ece 62, Soc 1, Soc 3, or Soc 4 -2 Bio 10, or 30, or 50 -3 Ece 50 -4 Psych 12
*List A (major)	3-4			
Physical Science (Area 5A)	3			
Elective	5-6			
SEMESTER TOTAL	15			

SEMESTER 5 - SPRING

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
*Life Science w/lab (Area 5B/5C)	4			*Not needed if Bio taken for List A. Elective units still required.
Arts (Area 3A)	3			
Elective	5			
Ethnic Studies (Area 6)	3			
SEMESTER TOTAL	15			
Total Major Coursework				
Total Units Required	60			

Program Mapping Template (Program: Child and Adolescent Development EB; Cal-GETC)

□ AA □ AS ■ AA-T □ AS-T □ COA □ CC

This is an example course sequence. All plans can be modified to fit the needs of part-time students by adding more semesters. Students must meet with a counselor to complete an individualized educational plan.

SEMESTER 1 - FALL

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
Ece 56	3			
Oral Communication (Area 1C)	3			
Psyc 1	3			
ENG 1A (Area 1A)	3			
Elective	2			
SEMESTER TOTAL	14			

SEMESTER 2 - SPRING

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
*Ece 50 or Psyc 12 (List A)	3			*MATH 40 + MATH 100C/NMAT 200C
Eng 4 or Eng 7 (Area 1B/ 2nd Comp.)	3			
*Math 40	4			
Hist 7 (Area 3B + A.I.)	3			
Elective	3			
SEMESTER TOTAL	16			

SEMESTER 3 - SUMMER

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
SEMESTER TOTAL				

SEMESTER 4 - FALL

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
*List A (major)	3			*List A options include: -1 Antr 3, Ece 62, Soc 1, Soc 3, or Soc 4 -2 Bio 10, or 30, or 50 -3 Ece 50 -4 Psych 12
Physical Science (Area 5A)	3-4			
Hist 8 or Hist 14 (A.I.)	3			
Elective	5-6			
SEMESTER TOTAL	15			

SEMESTER 5 - SPRING

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
Bio 10 or 30 or 50 (Area 5B/5C & List A)	4			
Arts (Area 3A)	3			
Ethnic Studies (Area 6)	3			
Elective	5			
SEMESTER TOTAL	15			
Total Major Coursework				
Total Units Required	60			

Program Mapping Template 25-26 (Program: Communication Studies; Cal-GETC)

☐ AA ☐ AS ▣ AA-T ☐ AS-T ☐ COA ☐ CC ☐ CSU

This is an example course sequence. All plans can be modified to fit the needs of part-time students by adding more semesters. Students must meet with a counselor to complete an individualized educational plan.

SEMESTER 1 - FALL

Courses	Units	Semesters Offered	Prereq?	Advisory Notes and Milestones
CMST 1	3			
Written Communication (Area 1A)	3			
Arts (Area 3A)	3			
Elective	6			
SEMESTER TOTAL	15			

SEMESTER 2 - SPRING

Courses	Units	Semesters Offered	Prereq?	Advisory Notes and Milestones
CMST 10	3			* ENG 4/7 also satisfies CMST List B major
*Eng 4 or Eng 7 (Area 1B)	3		Eng 1A or 1Aex	**Recommend: Math 47 + MATH 100C/NMAT 200C
Hist 7 (Area 3B+ A.I.)	3			
**Math GE (Area 2)	3			
Elective	3			
SEMESTER TOTAL	15			

SEMESTER 3 - SUMMER

Courses	Units	Semesters Offered	Prereq?	Advisory Notes and Milestones
SEMESTER TOTAL				

SEMESTER 4 - FALL

Courses	Units	Semesters Offered	Prereq?	Advisory Notes and Milestones
*List A (major)	3			*List A includes: Cmst 2, 3,11, 46, 48 & JAMS 1
*List A (major)	3			
Physical Sci (Area 5A)	3			
Hist 8, Hist 14 or Poli 7 (Area 4 & A.I.)	3			
Elective	3			
SEMESTER TOTAL	15			

SEMESTER 5 - SPRING

Courses	Units	Semesters Offered	Prereq?	Advisory Notes and Milestones
*List A (major)	3			*List A includes: Cmst 2, 3,11, 46, 48 & JAMS 1
**Life Sci w/lab (Area 5B/5C)	4			**If lab not already taken with Area 5A
Elective	5			
Ethnic Studies (Area 6)	3			
SEMESTER TOTAL	15			
Total Major Coursework	18			
Total Units Required	60			

Discipline Faculty

Counselor

Program Mapping Template (Program: Communication Studies 2.0; Cal-GETC)

□ AA □ AS ■ AA-T □ AS-T □ COA □ CC

This is an example course sequence. All plans can be modified to fit the needs of part-time students by adding more semesters. Students must meet with a counselor to complete an individualized educational plan.

SEMESTER 1 - FALL

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
Cmst 1	5			*Course satisfies List B (major) + EB (major)
*Cmst 4	3			
Written Communication (Area 1A)	3			
Arts (Area 3A)	5			
Elective	3			
SEMESTER TOTAL	15			

SEMESTER 2 - SPRING

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
Cmst 10	5			*Recommend: Math 47 + MATH 100C/NMAT 200C
Eng 4 or Eng 7 (Area 1B/ 2nd Comp.)	5		Eng 1A	
Hist 7 (Area 3B + A.I.)	5			
*MATH GE (Area 2)	5			
	3			
SEMESTER TOTAL	15			

SEMESTER 3 - SUMMER

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
SEMESTER TOTAL				

SEMESTER 4 - FALL

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
*Cmst 46	5			*Course satisfies List A (major) + EB (major)
*Jams 1	5			
Physical Sci (Area 5A)	5			
Hist 8, Hist 14 or Poli 7 (Area 4 & A.I.)	3			
	3			
SEMESTER TOTAL	15			

SEMESTER 5 - SPRING

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
*List A (major)	5			*List A includes: Cmst 2, 3, 11, 48
**Life Sci w/lab (Area 5B/5C)	4			**If lab not already taken with Area B1
Elective	5			
Ethnic Studies (Area 6)	5			
SEMESTER TOTAL	15			
Total Major Coursework	18			
Total Units Required	60			

Program Mapping Template (Program: Early Childhood Education; Cal-GETC)

□ AA □ AS □ AA-T ■ AS-T □ COA □ CC

This is an example course sequence. All plans can be modified to fit the needs of part-time students by adding more semesters. Students must meet with a counselor to complete an individualized educational plan.

SEMESTER 1 - FALL

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
Ece 50	3			
Ece 62	3			
Ece 54	3	fall only?		
Eng 1A (Area 1A)	3			
Ethnic Studies (Area 6)	3			
SEMESTER TOTAL	15			

SEMESTER 2 - SPRING

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
Ece 56	3			*Recommend: MATH 47 + MATH 100C/NMAT 200C
Ece 79	3			
Critical Thinking (Area 1B)	3			
Oral Communication (Area 1C)	3			
*Mathematics (Area 2)	3			
SEMESTER TOTAL	15			

SEMESTER 3 - SUMMER

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
SEMESTER TOTAL				

SEMESTER 4 - FALL

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
Ece 63	4		50 & 56	*Satisfies American Institutions (CSU graduation req)
Ece 69	3	spring only?	56	
Physical Sci (Area 5A)	3			
Humanities (Area 3B)	3			
*Hist 7 (Area 4)	3			
SEMESTER TOTAL	16			

SEMESTER 5 - SPRING

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
Ece 90	4		#	#Prerequisites: Ece 50, 56, 62, 63
*Life Science w/lab (Area 5B/5C)	4			*Lab required if not taken with Physical Sci (Area 5A)
Arts (Area 3A)	3			
Elective	3			
SEMESTER TOTAL	14			
Total Major Coursework				
Total Units Required	60			

Program Mapping Template (Program: Early Childhood Education EB; Cal-GETC)

□ AA □ AS □ AA-T ■ AS-T □ COA □ CC

This is an example course sequence. All plans can be modified to fit the needs of part-time students by adding more semesters. Students must meet with a counselor to complete an individualized educational plan.

SEMESTER 1 - FALL

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
Ece 50	3			
Ece 62	3			
Ece 54	3	fall only?		
Eng 1A (Area 1A)	3			
Ethnic Studies (Area 6)	3			
SEMESTER TOTAL	15			

SEMESTER 2 - SPRING

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
Ece 56	3			*Recommend: MATH 47 + MATH 100C/NMAT 200C
Ece 79	3			
Critical Thinking (Area 1B)	3			
Oral Communication (Area 1C)	3			
*Mathematics (Area 2)	3			
SEMESTER TOTAL	15			

SEMESTER 3 - SUMMER

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
SEMESTER TOTAL				

SEMESTER 4 - FALL

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
Ece 63	4		50 & 56	*Satisfies American Institutions (CSU graduation req)
Ece 69	3	spring only?	56	
Physical Sci (Area 5A)	3			
Humanities (Area 3B)	3			
*Hist 7 (Area 4)	3			
SEMESTER TOTAL	16			

SEMESTER 5 - SPRING

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
Ece 90	4		#	#Prerequisites: Ece 50, 56, 62, 63
*Life Science w/lab (Area 5B/5C)	4			*Lab required if not taken with Physical Sci (Area B1)
Arts (Area 3A)	3			
**Hist 8 or 14	3			**Satisfies American Institutions (CSU graduation req)
SEMESTER TOTAL	14			
Total Major Coursework				
Total Units Required	60			

Program Mapping Template (Program: Economics; Cal-GETC)

□ AA □ AS ■ AA-T □ AS-T □ COA □ CC

This is an example course sequence. All plans can be modified to fit the needs of part-time students by adding more semesters. Students must meet with a counselor to complete an individualized educational plan.

SEMESTER 1 - FALL

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
**Econ 1	3		*Math 55	*Or HS Algebra 2 and a cumulative HS GPA ≥ 3.0 **Econ 1 and 2 can be taken in either order, or simultaneously ***Recommend MATH 40 + MATH 100C/NMAT 200C
***Math 40	4			
Eng 1A (Area 1A)	3			
Elective	5			
SEMESTER TOTAL	15			

SEMESTER 2 - SPRING

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
Econ 2 (major)	3		*Math 55	*Or HS Algebra 2 and cumulative HS GPA ≥ 3.0 #Prereqs: Math 30 & Math 39 OR HS pre-calc with a "C" or better and a cumulative HS GPA ≥ 3.0
Math 34 or #Math 1	4-5			
Critical Thinking (Area 1B)	3			
Physical Sci w/lab (Area 5A/5C)	4			
Elective	0-1			
SEMESTER TOTAL	15			

SEMESTER 3 - SUMMER

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
SEMESTER TOTAL				

SEMESTER 4 - FALL

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
List A (major)	3-5			List A options include: - Busn 1A, Busn 1B (prereq Busn 1A), Busn 43 (or Cis, Cnt, Cs 43), Cis 50, Math 2 (prereq: Math 1), or Math 33
Oral communication (Area 1C)	3			
Life Science (Area 5B)	3			
Arts (Area 3A)	3			
Elective	1-3			
SEMESTER TOTAL	15			

SEMESTER 5 - SPRING

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
List B (major)	3-5			List B options include: - Econ 5, Math 3 (prereq: Math 2), Math 7 (prereq: Math 2), or any List A course not already taken. *Course can also be used to satisfy American Institutions CSU grad requirement (see catalog).
*Humanities (Area 3B)	3			
Ethnic Studies (Area 6)	3			
Elective	4-6			
SEMESTER TOTAL	15			
Total Major Coursework				
Total Units Required	60			

Program Mapping Template (Program: English; Cal-GETC)

□ AA □ AS ■ AA-T □ AS-T □ COA □ CC

This is an example course sequence. All plans can be modified to fit the needs of part-time students by adding more semesters. Students must meet with a counselor to complete an individualized educational plan.

SEMESTER 1 - FALL

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
*Eng 1A (Area 1A)	3			*Students are encouraged to make use of RAW Center, Tutoring, and English Smart Shops to support their success **Course can also be used to satisfy American Institutions CSU grad requirement (see catalog).
Physical Sci (Area 5A)	3			
Arts (Area 3A)	3			
**Social Science (Area 4)	3			
Elective	2			
SEMESTER TOTAL	14			

SEMESTER 2 - SPRING

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
Eng 4	3		Eng 1A	*List B options: Eng 11, 20, 32, 42, 44, or 45 -Some UCs require Eng 20 -Eng 11 encouraged before taking Eng 12A or 13A -either Eng 20, 32, 42, 44, or 45 will be offered in summer **Recommend: Math Co-Requisite Support MATH 100C/NMAT 200C ***Lab science 5C required if not taken above with Area 5A
*List B (Major)	3		Eng1A	
**Math 47 (Area 2)	3			
***Life Sci w/lab (Area 5B/5C)	4			
Elective	3			
SEMESTER TOTAL	16			

SEMESTER 3 - SUMMER

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
Oral Communication (Area 1C)	3			
SEMESTER TOTAL	3			

SEMESTER 4 - FALL

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
Eng 7	3		Eng 1A	*Course can also be used to satisfy American Institutions CSU grad requirement (see catalog).
Eng 41	3	Fall Only	Eng 1A	
*Social Science (Area 4)	3			
Elective	6			
SEMESTER TOTAL	15			

SEMESTER 5 - SPRING

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
Eng 35	3	Spring only	Eng 1A	*List C options include: Eng 12A, 12B, 12C, 13A, 13B, 19A (or JAMS 19A), 19B (or JAMS 19B), or any List B course not already taken. Eng 13A, 13B, 19A, and 19B offered spring only.
*List C	3			
Ethnic Studies (Area 6)	3			
Elective	3			
SEMESTER TOTAL	12			
Total Major Coursework				
Total Units Required	60			

Program Mapping Template (Program: Geography; Cal-GETC)

□ AA □ AS ■ AA-T □ AS-T □ COA □ CC

This is an example course sequence. All plans can be modified to fit the needs of part-time students by adding more semesters. Students must meet with a counselor to complete an individualized educational plan.

SEMESTER 1 - FALL

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
Geog 1 & 1L (Major + Area 5A/5C)	4			
Eng 1A (Area 1A)	3			
Social Science (Area 4)	3			
Elective	4			
SEMESTER TOTAL	14			

SEMESTER 2 - SPRING

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
*Geog 2 or 5 (Major + Area 4)	3			*Strongly Recommend: Geog 2 **Recommend: Math 40 + MATH 100C/NMAT 200C
Critical Thinking (Area 1B)	3			
**Math (Area 2)	4			
Humanities (Area 3B)	3			
Elective	3			
SEMESTER TOTAL	16			

SEMESTER 3 - SUMMER

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
SEMESTER TOTAL				

SEMESTER 4 - FALL

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
*List A (major)	3			*List A options Include: - Geog 8, Geog 12, Geog 15, or Any Core not taken Strongly Recommend: Geog 5 **List B options Include: - Antr 3, Geol 1, Math 40 or Any List A not taken
**List B (major)	3			
Oral Communication (Area 1C)	3			
Arts (Area 3A)	3			
Ethnic Studies (Area 6)	3			
SEMESTER TOTAL	15			

SEMESTER 5 - SPRING

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
*List A (major)	3			*List A options Include: - Geog 8, Geog 12, Geog 15, or Any Core not taken Strongly Recommend: Geog 15 (Spring only) **List B options Include: - Antr 3, Geol 1, Math 40 or Any List A not taken Not required if Math 40 taken for Math GE. Elective Units still required.
**List B (major)	3			
Life Science (Area 5B)	3			
Elective	6			
SEMESTER TOTAL	15			
Total Major Coursework				
Total Units Required	60			

Program Mapping Template (Program: Geology; Cal-GETC)

□ AA □ AS □ AA-T ■ AS-T □ COA □ CC

This is an example course sequence. All plans can be modified to fit the needs of part-time students by adding more semesters. Students must meet with a counselor to complete an individualized educational plan.

SEMESTER 1 - FALL

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
Geol 1 & Geol 1L (Major + 5A/5C)	4			*OR HS pre-calc with a "C" or better and a cumulative HS GPA ≥ 3.0 **Recommend MATH 1 + MATH 66C
Eng 1A (Area 1A)	3			
**Math 1 (Major + 2)	5		*Math 30/39	
Elective Units	2			
SEMESTER TOTAL	14			

SEMESTER 2 - SPRING

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
Critical Thinking (Area 1B)	3			
Geol 2	4			
Math 2	5		Math 1	
Life Science (Area 5B)	3			
SEMESTER TOTAL	15			

SEMESTER 3 - SUMMER

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
Social Science (Area 4)	3			
SEMESTER TOTAL	3			

SEMESTER 4 - FALL

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
Chem 1A	5		*Chem 31	*OR HS Chemistry with a "B" or higher in each term (3 year recency requirement) ***Course can also be used to satisfy American Institutions CSU grad requirement (see catalog).
Arts (Area 3A)	3			
Cmst 1, 10 or 46 (Area 1C)	3			
**Humanities (Area 3B)	3			
SEMESTER TOTAL	14			

SEMESTER 5 - SPRING

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
Chem 1B	5		Chem 1A	*Course can also be used to satisfy American Institutions CSU grad requirement (see catalog).
*Social Science (Area 4)	3			
Ethnic Studies (Area 6)	3			
Elective	3			
SEMESTER TOTAL	14			
Total Major Coursework				
Total Units Required	60			

Program Mapping Template (Program: Global Studies; Cal-GETC)

□ AA □ AS ■ AA-T □ AS-T □ COA □ CC

This is an example course sequence. All plans can be modified to fit the needs of part-time students by adding more semesters. Students must meet with a counselor to complete an individualized educational plan.

SEMESTER 1 - FALL

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
Eng 1A (Area 1A)	3			*Recommend: HUMN 4 *History 25 recommended (Amer. Institutions)
*Arts (Area 3A)	3			
GEOG 2 or 5	3			
*Humanities (Area 3B)	3			
Elective	2			
SEMESTER TOTAL	14			

SEMESTER 2 - SPRING

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
Eng 4 or 7 (Area 1B)	3		Engl 1A/1Aex	*Recommended MATH 100C/NMAT200C support courses **SOC 1 recommended
Antr 3, HIST 2, Hist 4, Poli 20 or Poli 30	3			
Econ 2	3			
Math 40* (Area 2)	4			
**Elective	3			
SEMESTER TOTAL	16			

SEMESTER 3 - SUMMER

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
SEMESTER TOTAL				

SEMESTER 4 - FALL

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
GS1 or Soc 5	3	Fall only		*List A - Area 5 (Humanities): ENG 41, RELS 1, SPAN 2A, SPAN 2B, SPAN 21, SPAN 22
*List A (area 5)	3	Fall only		
Geog 1 & 1L	4			
Oral Communication (1C)	3			
Elective	2			
SEMESTER TOTAL	15			

SEMESTER 5 - SPRING

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
GS 2	3	Spring only		*Recommend: ANTR 1
*Life Science (Area 5B)	3			
Elective	6			
Ethnic Studies (Area 6)	3			
SEMESTER TOTAL	15			
Total Major Coursework				
Total Units Required	60			

Program Mapping Template (Program: History ; CSUGE)

□ AA □ AS ■ AA-T □ AS-T □ COA □ CC

This is an example course sequence. All plans can be modified to fit the needs of part-time students by adding more semesters. Students must meet with a counselor to complete an individualized educational plan.

SEMESTER 1 - FALL

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
Hist 7	3			
Eng 1A (Area 1A)	3			
Arts (Area 3A)	3			
Elective	6			
SEMESTER TOTAL	15			

SEMESTER 2 - SPRING

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
Hist 8	3			*Recommend Math 47 with concurrent support math class (Math 100c or NMAT 200c); Students may also elect to take Math 40
Hist 25 or 32 (List B)	3			
Eng 4 or 7 (Area 1B)	3			
*Math GE (Area 2)	3			
Elective	3			
SEMESTER TOTAL	15			

SEMESTER 3 - SUMMER

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
SEMESTER TOTAL				

SEMESTER 4 - FALL

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
Hist 1 or Hist 3 (List A)	3			
Hist 14 or 28 (List B)	3			
Oral Communication (Area 1C)	3			
Life Science (Area 5B)	3			
Elective	3			
SEMESTER TOTAL	15			

SEMESTER 5 - SPRING

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
Hist 2 or Hist 4 (List A)	3			
*Physical Sci w/lab (Area 5A/5C)	4			*Lab science B3 required if not taken above with Area B2
Ethnic Studies (Area 6)	3			
Elective	5			
SEMESTER TOTAL	15			
Total Major Coursework	18			
Total Units Required	60			

Program Mapping Template (Program: Journalism; Cal-GETC)

□ AA □ AS ■ AA-T □ AS-T □ COA □ CC

This is an example course sequence. All plans can be modified to fit the needs of part-time students by adding more semesters. Students must meet with a counselor to complete an individualized educational plan.

SEMESTER 1 - FALL

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
JAMS 1 (major + Area 4)	3			*Eng 1A can be applied to both GE and List A (major)
*Eng 1A (Area 1A)	3			
Arts (Area 3A)	3			
Elective	6			
SEMESTER TOTAL	15			

SEMESTER 2 - SPRING

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
JAMS 11 (major)	3	Spring only		*List B requires two courses (6-7 units) -List B options include: CMST 4, 46, ECON1, 2, ENG 7, HIST 7, 8, Math 40, Phil 6, 8, POLI 20, 7, or Soc 3 **Math 40 may be used to satisfy both Area B4 GE and List B (major) add support -Optional support available for noncredit NMAT 200C or credit 1 lab unit MATH 100C.
Communication Studies (Area 1C)	3			
*List B (major)	3			
Humanities (Area 3B)	3			
**Math 40 or 47 (Area 2)	3-4			
SEMESTER TOTAL	15-16			

SEMESTER 3 - SUMMER

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
				Could take any classes missed in other semesters (MSCM 5 and 31 are both offered).
SEMESTER TOTAL				

SEMESTER 4 - FALL

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
JAMS 21 (major)	3			*List B requires two courses (6-7 units) -List B options include: CMST 4, 46, ECON1, 2, ENG 7, HIST 7, 8, Math 40, Phil 6, 8, POLI 20, 7, or Soc 3
*List B (major)	3	Fall		
Critical Thinking (Area 1B)	3			
Physical Science (Area 5A)	3-4			
Social Science (Area 4)	3			
SEMESTER TOTAL	15-16			

SEMESTER 5 - SPRING

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
*List A (major)	3			*List A options include: JAMS 12, 21B, 23, 3, PHTO 72 **Lab science 5C required if not taken above with Area 5A
Ethnic Studies (Area 6)	3			
**Life Science w/lab (Area 5B/5C)	4			
Elective	3-5			
SEMESTER TOTAL	13-15			
Total Major Coursework	18-19			
Total Units Required	60			

Program Mapping Template (Program: Kinesiology; Cal-GETC)

□ AA □ AS ■ AA-T □ AS-T □ COA □ CC

This is an example course sequence. All plans can be modified to fit the needs of part-time students by adding more semesters. Students must meet with a counselor to complete an individualized educational plan.

SEMESTER 1 - FALL

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
Kin 30	3			*Recommended support MATH 100C/NMAT 200C **3 activity course must all come from different Areas (i.e. Aquatics, Combatives, Dance, Fitness, Individual Sports, & Team Sports) - See Catalog
Eng 1A (Area 1A)	3			
*Math 40 (Area 2)	4			
**Kin activity #1	1			
BIO 30	4			
SEMESTER TOTAL	15			

SEMESTER 2 - SPRING

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
Bio 7A	5		Bio 30	*Recommend: Eng 4 or 7 (satisfies a common 4-year graduation requirement of Second Composition) **Recommend: Psyc 1 (Sports Med COA req)
Chem 30A, 31, or 1A	4-5			
*Critical Thinking (Area 1B)	3			
**Social Science (Area 4)	3			
SEMESTER TOTAL	15-16			

SEMESTER 3 - SUMMER

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
SEMESTER TOTAL				

SEMESTER 4 - FALL

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
Bio 7B	5		Bio 7A/Chem	*Course can also be used to satisfy American Institutions CSU grad requirement (see catalog). **3 activity course must all come from different Areas (i.e. Aquatics, Combatives, Dance, Fitness, Individual Sports, & Team Sports) - See Catalog
*Humanities (Area 3B)	3			
Oral Communication (Area 1C)	3			
Social Science (Area 4)	3			
**Kin Activity #2	1			
SEMESTER TOTAL	15			

SEMESTER 5 - SPRING

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
*List A (major)	3-5			*Required if Chem 1A not taken above List A options include: Chem 1A, Hea 1, Kin 14, Phys 1A or Phys 2A **Course can also be used to satisfy American Institutions CSU grad requirement (see catalog). ***3 activity course must all come from different Areas (i.e. Aquatics, Combatives, Dance, Fitness, Individual Sports, & Team Sports) - See Catalog Elective 0-1
Ethnic Studies (Area 6)	3			
Arts (Area 3A)	3			
Elective	3			
***Kin activity #3	1			
SEMESTER TOTAL	14-15			
Total Major Coursework				
Total Units Required	60			

Program Mapping Template (Program: Kinesiology; Cal-GETC)

□ AA □ AS ■ AA-T □ AS-T □ COA □ CC

This is an example course sequence. All plans can be modified to fit the needs of part-time students by adding more semesters. Students must meet with a counselor to complete an individualized educational plan.

SEMESTER 1 - FALL

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
Kin 30	3			*Recommended support MATH 100C/NMAT 200C **3 activity course must all come from different Areas (i.e. Aquatics, Combatives, Dance, Fitness, Individual Sports, & Team Sports) - See Catalog ***Strongly recommended: Bio 30, which is the prerequisite requirement for Bio 7A
Eng 1A (Area 1A)	3			
*Math 40 (Area 2)	4			
**Kin activity #1	1			
***Bio 30	4			
SEMESTER TOTAL	15			

SEMESTER 2 - SPRING

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
Bio 7A	5		Bio 30	*Or HS Algebra 1 or 2 and cumulative GPA ≥ 3.0 **Recommend: Eng 4 or 7 (satisfies a common 4-year graduation requirement of Second Composition) ***Recommend: Psyc 1 (Sports Med COA req)
Chem 30A or 1A	4-5		Elementary/Intermediate	
Eng 4 or Eng 7 (Area 1B/ 2nd Comp.)	3			
***Social Science (Area 4)	3			
SEMESTER TOTAL	15-16			

SEMESTER 3 - SUMMER

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
SEMESTER TOTAL				

SEMESTER 4 - FALL

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
Bio 7B	5		Bio 7A/Chem	*3 activity course must all come from different Areas (i.e. Aquatics, Combatives, Dance, Fitness, Individual Sports, & Team Sports) - See Catalog
Hist 7 (Area 3B + A.I.)	3			
Oral Communication (Area 1C)	3			
Ntrn 5 (EB major)	3			
*Kin Activity #2	1			
SEMESTER TOTAL	15			

SEMESTER 5 - SPRING

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
*List A (major)	3-5			*Required if Chem 1A not taken above List A options include: Chem 1A, Hea 1, Kin 14, Phys 1A or Phys 2A **3 activity course must all come from different Areas (i.e. Aquatics, Combatives, Dance, Fitness, Individual Sports, & Team Sports) - See Catalog CSU Elective: 2
Ethnic Studies (Area 6)	3			
Arts (Area 3A)	3			
Hist 8 or Hist 14 (A.I)	3			
**Kin activity #3	1			
SEMESTER TOTAL	14-15			
Total Major Coursework				
Total Units Required	60			

Program Mapping Template (Program: Mathematics; Cal-GETC)

□ AA □ AS □ AA-T ■ AS-T □ COA □ CC

This is an example course sequence. All plans can be modified to fit the needs of part-time students by adding more semesters. Students must meet with a counselor to complete an individualized educational plan.

SEMESTER 1 - FALL

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
*Math 1	5		**Math 30&39	*For Math 1 eligibility: Go to laspositascollege.edu/math/courses.php Recommend MATH 1 + MATH 66C **OR HS pre-calc with a "C" or better and a cumulative HS GPA ≥ 3.0
Eng 1A	3			
Social Science (Area 4)	3			
Elective	4			
SEMESTER TOTAL	15			

SEMESTER 2 - SPRING

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
Math 2	5		Math 1	*Recommend: Eng 4 or 7 (satisfies a common 4-year graduation requirement of Second Composition)
Social Science (Area 4)	3			
*Critical Thinking (Area 1B)	3			
Arts (Area 3A)	3			
SEMESTER TOTAL	14			

SEMESTER 3 - SUMMER

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
SEMESTER TOTAL				

SEMESTER 4 - FALL

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
Math 3	5		Math 2	*If Phys 1A not planned as List B course. **Course can be used to satisfy American Institutions requirement (CSU grad): -Hist 7 & 8 -Hist 7 & 14 OR -Hist (7, 8, 25 or 32) & Poli 7 (Area D)
Oral Communication (Area 1C)	3			
*Physical Science w/lab (Area 5A/5C)	4-5			
**Humanities (Area 3B)	3			
SEMESTER TOTAL	15			

SEMESTER 5 - SPRING

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
Math 5 or 7 (List A)	3.5		Math 2 or 3	*List B options include: CS 1, Math 40, Phys 1A, or Math 5/7 (if not taken)
*List B (major)	4-5			
Life Science (Area 5B)	3			
Ethnic Studies (Area 6)	3			
Elective	3			
SEMESTER TOTAL	16.5			
Total Major Coursework				
Total Units Required	60.5			

Program Mapping Template (Program: Music; Cal-GETC)

□ AA □ AS ■ AA-T □ AS-T □ COA □ CC

This is an example course sequence. All plans can be modified to fit the needs of part-time students by adding more semesters. Students must meet with a counselor to complete an individualized educational plan.

SEMESTER 1 - FALL

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
*Mus 8A	4		X	*If no music theory background, strongly advise music 6 concurrently with music 8A. **Large Ensemble Course options include: Mus 11, 12, 14, 15, 16, 17A, 17B, 41, 44, 45, 46, 48 ***Recommend a course from one of the following sequences (CSU graduation req): -Hist 7 & 8
Music 38 & **Large Ensemble Course	2		XX	
Eng 1A (Area 1A)	3			
***Social Science (Area 4)	3			
Elective	3			
SEMESTER TOTAL	15			

SEMESTER 2 - SPRING

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
Mus 8B	4		8AX	*Large Ensemble Course options include: Mus 11, 12, 14, 15, 16, 17A, 17B, 41, 44, 45, 46, 48 **Recommend: MATH 47 + MATH 100C/NMAT 200C
Music 38 & *Large Ensemble Course	2		XX	
Oral Communication (Area 1C)	3			
Critical Thinking (Area 1B)	3			
**Mathematics GE (Area 2)	3			
SEMESTER TOTAL	15			

SEMESTER 3 - SUMMER

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
				Recommend Mus 21A and 21B plus 2-units of music elective for earning AA degree (see catalog).
SEMESTER TOTAL				

SEMESTER 4 - FALL

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
Mus 10A	4		8BX	*Large Ensemble Course options include: Mus 11, 12, 14, 15, 16, 17A, 17B, 41, 44, 45, 46, 48 **Recommend: Music 34 ***Recommend a course from one of the following sequences (CSU graduation req): -Hist 7 & 8 -Hist 7 & 14 OR -Hist (7, 8, 25 or 32) & Poli 7
Music 38 & *Large Ensemble Course	2		XX	
**Humanities (Area 3B)	3			
Physical Sci (Area 5A)	3			
***Social Science (Area 4)	3			
SEMESTER TOTAL	15			

SEMESTER 5 - SPRING

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
Mus 10B	4		10AX	*Large Ensemble Course options include: Mus 11, 12, 14, 15, 16, 17A, 17B, 41, 44, 45, 46, 48 **Lab science B3 required if not taken above with Area 5A
Music 38 & *Large Ensemble Course	2		XX	
**Life Sci w/lab (Area 5B/5C)	4			
Ethnic Studies (Area 6)	3			
Elective	2			
SEMESTER TOTAL	15			
Total Major Coursework				
Total Units Required	60			

Program Mapping Template (Program: Nutrition and Dietetics; Cal-GETC)

□ AA □ AS □ AA-T ■ AS-T □ COA □ CC

This is an example course sequence. All plans can be modified to fit the needs of part-time students by adding more semesters. Students must meet with a counselor to complete an individualized educational plan.

SEMESTER 1 - FALL

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
Nutr 1	3			*Students will be required to take Chem 31 if they can not assess out. **Needs a Mathematics GE if Math 40 not taken for List A (below)
Bio 30	4			
Eng 1A (Area 1A)	3			
**Mathematic GE or *Elective	4			
SEMESTER TOTAL	14			

SEMESTER 2 - SPRING

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
Psyc 1	3			*Student can assess out of Chem 31. If not should take Chem 31 in Semester 1. **Recommend: Math 40 + MATH 100C/NMAT 200C List A includes: Math 40, Bio 7A, 7B, Chem 1B, and Chem 12A
Chem 1A	5		*Chem 31	
**List A (major)	4			
Oral Communication (Area 1C)	3			
SEMESTER TOTAL	15			

SEMESTER 3 - SUMMER

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
Elective	3			
SEMESTER TOTAL	3			

SEMESTER 4 - FALL

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
*List A (major)	5			*List A includes: Math 40, Bio 7A, 7B, Chem 1B, and Chem 12A **Recommend: Hist 7 to satisfy the American Institutions Requirement for CSU graduation
Econ 1 or 2, or Soc 1 (List B)	3			
Critical Thinking (Area 1B)	3			
Humanities (Area 3B)**	3			
SEMESTER TOTAL	14			

SEMESTER 5 - SPRING

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
Bio 7C	5		Chem 1A & Bio 30	*Recommend: Hist 8 or 14 to satisfy the American Institutions Requirement for CSU graduation
Arts (Area 3A)	3			
Ethnic Studies (Area 6)	3			
Elective	3			
SEMESTER TOTAL	14			
Total Major Coursework				
Total Units Required	60			

Program Mapping Template (Program: Philosophy, Cal-GETC)

□ AA □ AS ■ AA-T □ AS-T □ COA □ CC

This is an example course sequence. All plans can be modified to fit the needs of part-time students by adding more semesters. Students must meet with a counselor to complete an individualized educational plan.

SEMESTER 1 - FALL

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
Phil 1 or 2	3	F/Sp		*Recommend Phil 1 and 2 taken in first semester as both are introductory courses in the major.
Eng 1A (Area 1A)	3			
*Elective	6			
Arts (Area 3A)	3			
SEMESTER TOTAL	15			

SEMESTER 2 - SPRING

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
*List A (major)	3			*List A options include: -Phil 3, Phil 4, Phil 5, or Any core not yet taken. Phil 4 usually offered in spring only. Phil 3 usually offered in fall only. **List C options include: - Humn 3, Humn 6, Humn, 10, Humn 28, Rels 1, Rels 2, Rels 3, Rels 1, or Any List A or B not already taken. ***Recommended MATH 47 + Math 100C/NMAT 200C
**List C (major)	3			
Oral Communication (Area 1C)	3			
Social Science (Area 4)	3			
**Math GE (Area 2)	3			
SEMESTER TOTAL	15			

SEMESTER 3 - SUMMER

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
				tx
SEMESTER TOTAL				

SEMESTER 4 - FALL

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
Phil 6 or 8	3-4			*List B options include: Hist 1, Hist 2, or Any List A not already taken **Not needed if Hist 1 or 2 used for List B. Elective units still required.
*List B (major)	3			
Physical Science (Area 5A)	3			
**Social Science (Area 4)	3			
Elective	2-3			
SEMESTER TOTAL	15			

SEMESTER 5 - SPRING

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
*List B (major)	3			*List B options include: Hist 1, Hist 2, or Any List A not already taken
Elective	5			
Life Sci w/lab (Area 5B/5C)	4			
Ethnic Studies (Area 6)	3			
SEMESTER TOTAL	15			
Total Major Coursework	18			
Total Units Required	60			

Program Mapping Template (Program: Psychology, Cal-GETC)

□ AA □ AS ■ AA-T □ AS-T □ COA □ CC

This is an example course sequence. All plans can be modified to fit the needs of part-time students by adding more semesters. Students must meet with a counselor to complete an individualized educational plan.

SEMESTER 1 - FALL

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
Pysc 1	3		x	
Eng 1A (Area 1A)	3			
Oral Communications (Area 1C)	3			
Arts (Area 3A)	3			
Elective	3			
SEMESTER TOTAL	15			

SEMESTER 2 - SPRING

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
*Math 40 (major and Area 2)	4			*MATH 40 + MATH 100C/NMAT 200C
**List B (major)	3		x	**List B courses: PSYC 3, PSYC 12 or any list A course not taken.
Critical Thinking (Area 1B)	3			
***Humanities (Area 3B)	3			***Course can also be used to satisfy American Institutions CSU grad requirement (see catalog).
Elective	2			
SEMESTER TOTAL	15			

SEMESTER 3 - SUMMER

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
SEMESTER TOTAL				

SEMESTER 4 - FALL

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
List A (major)	3-4		*Yesx	*List A courses: BIO 10, BIO 30, or PSYC 4 (prereq: Psyc 1)
Elective	8-9			**Course can also be used to satisfy American Institutions CSU grad requirement (see catalog). Must be non-Psyc course if psyc course used to satisfy list C (below)
Ethnic Studies (Area 6)	3			
SEMESTER TOTAL	15			

SEMESTER 5 - SPRING

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
Psyc 25	4		*Yesx	*Prerequisite for PSYC 25: PSYC 1, MATH 40
**List C (major)	3-5		x	**List C courses: ANTR 1, ANTR 3, ETHS 5, MATH 1, PSYC 6, PSYC 10, PSYC 13, PSYC 15, PSYC 17, PSYC 21, SOC 1
***Physical Science (Area 5A)	3-4			***Area 5A: Include a lab with Area B1 if BIO 10 or 30 not taken above
Elective	3-5			
SEMESTER TOTAL	15			
Total Major Coursework				
Total Units Required	60			

Program Mapping Template (Program: Psychology, Cal-GETC)

□ AA □ AS ■ AA-T □ AS-T □ COA □ CC

This is an example course sequence. All plans can be modified to fit the needs of part-time students by adding more semesters. Students must meet with a counselor to complete an individualized educational plan.

SEMESTER 1 - FALL

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
Pysc 1	3			
Written Communication (Area 1A)	3			
Oral Communication (Area 1C)	5			
Arts (Area 3A)	5			
	3			
SEMESTER TOTAL	15			

SEMESTER 2 - SPRING

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
*Math 40	4			*MATH 40 + MATH 100C/NMAT 200C
**List B (major)	5			**List B courses: PSYC 3, PSYC 4 or PSYC 12
Eng 4 or Eng 7 (Area 1B/ 2nd Comp.)	5			
Hist 7 (Area 3B + A.I.)	5			
SEMESTER TOTAL	15			

SEMESTER 3 - SUMMER

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
SEMESTER TOTAL				

SEMESTER 4 - FALL

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
*Bio 10 or 30 (List A)	4		*Yes	*Course satisfies List A (major) + EB (major)
Hist 8 or Hist 14 (A.I)	5			
Elective	5			
Ethnic Studies (Area 6)	5			
SEMESTER TOTAL	15			

SEMESTER 5 - SPRING

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
Psyc 25	4		*Yes	*Prerequisite for PSYC 25: PSYC 1, MATH 40
**List C (major)	3-5			**List C courses: ANTR 1, ANTR 3, MATH 1 (5 units), PSYC 6, PSYC 10, PSYC 13, PSYC 15, PSYC 17, PSYC 21, SOC 1
Physical Science (Area 5A)	5			
Elective	3-5			
SEMESTER TOTAL	15			
Total Major Coursework				
Total Units Required	60			

Program Mapping Template (Program: Public Health; Cal-GETC)

□ AA □ AS □ AA-T ■ AS-T □ COA □ CC

This is an example course sequence. All plans can be modified to fit the needs of part-time students by adding more semesters. Students must meet with a counselor to complete an individualized educational plan.

SEMESTER 1 - FALL

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
Bio 30	4	F/SP/SU		*Recommended MATH 110/NMAT 210
Hea 1	3	F/SP/SU		
Eng 1A (Area 1A)	3			
Math 40* (Area 2)	4			
Elective	1			
SEMESTER TOTAL	15			

SEMESTER 2 - SPRING

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
List A (major)	4-5			List A options include: Bio 7A, Bio 7B, Chem 1A, Chem 30A, or Chem 31.
Hea 7	3	F/SP		
Ethnic Studies (Area 6)	3			
Eng 4 or Eng 7 (Area 1B)	3			
Elective	1-2			
SEMESTER TOTAL	15			

SEMESTER 3 - SUMMER

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
SEMESTER TOTAL				

SEMESTER 4 - FALL

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
List C (major)	3			List C options include: Hea 3, Ntrn 1, Psyc 1, Psyc10, Psyc 12, or Soc 1. *Course can be used to satisfy American Institutions requirement (CSU grad): -Hist 7 & 8 -Hist 7 & 14 OR -Hist (7, 8, 25 or 32) & Poli 7 (Area D) **Physical Science (Area B1) if CHEM not taken for List A.
Hist 7, 8, 25 or 32*	3			
Oral Communication (Area 1C)	3			
Elective**	6			
SEMESTER TOTAL	15			

SEMESTER 5 - SPRING

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
List B	3	SP		List B: Hea 11. *Course can be used to satisfy American Institutions requirement (CSU grad): -Hist 7 & 8 OR -Hist 7 & 14 OR -Hist (7, 8, 25 or 32) & Poli 7
Arts (area 3A)	3			
Hist 7, 8 or 14; Poli 7*	3			
Humanities (Area 3B)	3			
Elective	3			
SEMESTER TOTAL	15			
Total Major Coursework				
Total Units Required	60			

Social Work & Human Services; Cal-GETC

Program Mapping Template (Program: _____)

□ AA □ AS ■ AA-T □ AS-T □ COA □ CC

This is an example course sequence. All plans can be modified to fit the needs of part-time students by adding more semesters. Students must meet with a counselor to complete an individualized educational plan.

SEMESTER 1 - FALL

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
Pcn 5	3	Fall only		*Recommend MATH 40 + MATH 100C/NMAT 200C
Eng 1A (Area 1A)	3			
*Math 40 (Area 2)	4			
Arts (Area 3A)	3			
Elective	0-1			
SEMESTER TOTAL	14-15			

SEMESTER 2 - SPRING

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
Eng 4 or 7 (Area 1B)	3			*Course can also be used to satisfy American Institutions CSU grad requirement (see catalog).
Bio 10, 20, 30 or 50	3-4			
Psyc 1	3			
*Humanities (Area 3B)	3			
Elective	3			
SEMESTER TOTAL	15-16			

SEMESTER 3 - SUMMER

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
SEMESTER TOTAL				

SEMESTER 4 - FALL

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
Oral Communication (Area 1C)	3			*Course can also be used to satisfy American Institutions CSU grad requirement (see catalog). **List A options include AJ 50, AJ 56, Antr 3, Cmst 11, Ece 56, ECE 62, Pcn 13, Pcn 35 (Spring only), Psyc 6, Psyc 12, Soc 3, Soc 6)
Soc 1	3			
*Elective	3			
**List A (major)	3			
Ethnic Studies (Area 6)	3			
SEMESTER TOTAL	15			

SEMESTER 5 - SPRING

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
*List A (major)	3			*List A options include AJ 50, AJ 56, Antr 3, Cmst 11, Ece 56, ECE 62, Pcn 13, Pcn 35 (Spring only), Psyc 6, Psyc 12, Soc 3, Soc 6) **Or HS Algebra 2 and a cumulative HS GPA ≥ 3.0 ***If Bio 20 used above, include 1 unit lab)
Econ 1 or 2	3		**Math 55	
Pcn 50 & 50L	3	Spring only		
***Physical Science (Area 5A/5C)	3-4			
Elective	1-2			
SEMESTER TOTAL	15			
Total Major Coursework	28-29			
Total Units Required	60			

Program Mapping Template (Program: Spanish)

□ AA □ AS ■ AA-T □ AS-T □ COA □ CC

This is an example course sequence. All plans can be modified to fit the needs of part-time students by adding more semesters. Students must meet with a counselor to complete an individualized educational plan.

SEMESTER 1 - FALL

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
Span 1A	5			
Eng 1A (Area 1A)	3			
Arts (Area 3A)	3			
Elective	4			
SEMESTER TOTAL	15			

SEMESTER 2 - SPRING

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
Span 1B	5		Span 1A	*Recommend MATH 47 + MATH 100C/NMAT 200C **Course can also be used to satisfy American Institutions CSU grad requirement (see catalog).
Critical Thinking (Area 1B)	3			
*Mathematics (Area 2)	3			
**Social and Behavioral Science (Area 4)	3			
Elective	1			
SEMESTER TOTAL	15			

SEMESTER 3 - SUMMER

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
SEMESTER TOTAL				

SEMESTER 4 - FALL

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
Span 2A or *21	4-5	Span 21 is Fall only	Span 1B	*Span 21 & 23 Prereq: Spanish heritage speaker proficiency or the equivalent intermediate level as assessed. **Course can also be used to satisfy American Institutions CSU grad requirement (see catalog).
Span *23	3	Fall only		
Physical Science (Area 5A)	3			
**Social and Behavioral Science (Area 4)	3			
Elective	0-2			
SEMESTER TOTAL	15			

SEMESTER 5 - SPRING

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
Span 2B or *22	4-5	Span 22 is Spring only	Span 2A	*Span 22 & Span 23 Prereq: Spanish heritage speaker proficiency or the equivalent intermediate level as assessed. **Lab science B3 required if not taken above with Area B1
Oral Communication (Area 1C)	3			
Life Science **w/lab (Area 5B/5C)	4			
Ethnic Studies (Area 6)	3			
Elective	0-1			
SEMESTER TOTAL	15			
Total Major Coursework				
Total Units Required	60			

Program Mapping Template (Program: Studio Arts, Cal-GETC)

□ AA □ AS ■ AA-T □ AS-T □ COA □ CC

This is an example course sequence. All plans can be modified to fit the needs of part-time students by adding more semesters. Students must meet with a counselor to complete an individualized educational plan.

SEMESTER 1 - FALL

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
Arts 2A (Intro to Drawing)	3	all	none	
Arts 23 (2-D Design)	3	all	none	
Arhs 5	3	all	none	
Eng 1A (Area 1A)	3			
Humanities (Area 3B)	3			
SEMESTER TOTAL	15			

SEMESTER 2 - SPRING

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
*List A (major)	3	all	none	*List A options include: ARHS 4 or ARHS 8 **List B requires (one course from 3 of the following areas): 1 - Ceramics: ARTS 4A 2 - Color: ARTS 26 or GDDM 51 3 - Drawing: ARTS 2B or 3A 4 - Painting: ARTS 7A, 12A, or 13A 5 - Photo: PHTO 50 6 - 2nd Level Course: ARTS 12B or 13B ***Recommend: MATH 47. MATH 100C or NMAT 200C may be taken in conjunction with MATH 47 to benefit outcome.
Arts 24 (3-D Design)	3	all	none	
**List B (major)	3	all	none	
Critical Thinking (Area 1B)	3			
***Mathematics GE (Area 2)	3			
SEMESTER TOTAL	15			

SEMESTER 3 - SUMMER

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
SEMESTER TOTAL				

SEMESTER 4 - FALL

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
**List B (major)	3	all	none	**List B requires (one course from 3 of the following areas): 1 - Ceramics: ARTS 4A 2 - Color: ARTS 26 or GDDM 51 3 - Drawing: ARTS 2B or 3A 4 - Painting: ARTS 7A, 12A, or 13A 5 - Photo: PHTO 50 6 - 2nd Level Course: ARTS 12B or 13B
Oral Communication (Area 1C)	3			
Life Science (Area 5B)	3			
Hist 7 (Area 4)	3			
Elective	3			
SEMESTER TOTAL	15			

SEMESTER 5 - SPRING

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
**List B (major)	3	all	none	**List B requires (one course from 3 of the following areas): 1 - Ceramics: ARTS 4A 2 - Color: ARTS 26 or GDDM 51 3 - Drawing: ARTS 2B or 3A 4 - Painting: ARTS 7A, 12A, or 13A 5 - Photo: PHTO 50 6 - 2nd Level Course: ARTS 12B or 13B *Lab required if not taken with Life Sci (Area 5B)
*Physical Sci w/lab (Area 5A/5C)	4			
Hist 8, 14 or Poli 7 (Area 4)	3			
Ethnic Studies (Area 6)	3			
Elective	2			
SEMESTER TOTAL	15			
Total Major Coursework				
Total Units Required	60			

Program Mapping Template (Program: Theater Arts; Cal-GETC)

□ AA □ AS ■ AA-T □ AS-T □ COA □ CC

This is an example course sequence. All plans can be modified to fit the needs of part-time students by adding more semesters. Students must meet with a counselor to complete an individualized educational plan.

SEMESTER 1 - FALL

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
Thea 1A	3	Fall/Spring		*Phys Science Recommend: Evst 5
Thea 10	3	Fall/Spring		
Eng 1A (Area 1A)	3			
*Physical Science GE (Area 5A)	3			
Elective	3			
SEMESTER TOTAL	15			

SEMESTER 2 - SPRING

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
Thea 47A or 48A	3	Fall/Spring		*List A options include: THEA 1B (3) SPRING ONLY PREREQ: THEA 1A THEA 50L (3) SPRING ONLY THEA 47A or THEA 48A **Recommend: MATH 47 + MATH 100C/NMAT 200C
*List A (major)	3			
Thea 53 (Area 1B)	3	Spring	Eng 1A	
Oral Communications (Area 1C)	3			
**Math (Area 2)	3			
SEMESTER TOTAL	15			

SEMESTER 3 - SUMMER

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
SEMESTER TOTAL				

SEMESTER 4 - FALL

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
*List A (major)	3			*List A options include: THEA 50 (3) SUM/FALL ONLY THEA 51 (3) FALL ONLY THEA 47A or THEA 48A ***Course can also be used to satisfy American Institutions CSU grad requirement (see catalog).
*List A (major)	3			
Humanities GE (Area 3B)	3			
***Social Science (Area 4)	3			
Elective	3			
SEMESTER TOTAL	15			

SEMESTER 5 - SPRING

Courses	Units	Semesters Offered	Prereq?	Advisory Notes
Life Science w/Lab (Area 5B/5C)	4			*Course can also be used to satisfy American Institutions CSU grad requirement (see catalog). **Lab science B3 required if not taken above with Area B1
*Social Science (Area 4)	3			
Ethnic Studies (Area 6)	3			
Elective	5			
SEMESTER TOTAL	15			
Total Major Coursework	18			
Total Units Required	60			

5.5 Other

- LPC Associate Degree General Education Pattern **Fall 2025**

Fall 2025 LPC GE Task Force Recommendation	Units
English Composition	3
Oral Communication and Critical Thinking	3
Mathematical Concepts and Quantitative Reasoning	3
Natural Sciences	3
Humanities	3
Social and Behavioral Sciences	3
Ethnic Studies	3
Kinesiology	1
Health (AA Requirement Only)	3
American Institutions (AA Requirement Only)	3
AA = 28 units **AS = 22 units**	**28**

Fall 2025 LPC GE Task Force Recommendation

1) AS GE pattern discontinued and AA GE pattern renamed AD (Associate Degree) GE pattern
2) Remove Communication and Analytical Thinking and replace with Mathematics and Quantitative Reasoning (required by Title 5)
3) Add Oral Communication to Critical Thinking and require for both AA and AS degrees (required by Title 5)

Fall 2024 LPC AA/AS Patterns	Units	Fall 2025 LPC Task Force Recommendation	Units
English Composition	3	English Composition	3
Critical Thinking (AA Requirement Only)	3	Oral Communication and Critical Thinking	3
Communication and Analytical Thinking	3	Mathematical Concepts and Quantitative Reasoning	3
Natural Sciences	3	Natural Sciences	3
Humanities	3	Humanities	3
Social and Behavioral Sciences	3	Social and Behavioral Sciences	3
Ethnic Studies	3	Ethnic Studies	3
Kinesiology	1	Kinesiology	1
Health (AA Requirement Only)	3	Health (AA Requirement Only)	3
American Institutions (AA Requirement Only)	3	American Institutions (AA Requirement Only)	3
Total Units	**28**		**28**

AA = 28 units
AS = 19 units

AA = 28 units
AS = 22 unit