



Flight Paths for Student

Career and Academic Pathways



Guided Pathways Help Students Reach Their Educational Goals By

- Creating structured program maps that lead to a career
- Help student choose and enter their pathway
- Help students stay on their path
- Ensure their learning

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Students Knew They Should Choose A Major But They Did NOT Know:

- ▶ How to find information about program options
- ▶ How career interests related to majors
- ▶ Degree and transfer requirements
- ▶ Job opportunities in their field within their community



Students Specifically Wanted To Know:

-Community College Research Center

- ▶ What are my career options?
- ▶ What are the educational pathways to these careers?
- ▶ What will I need to take?
- ▶ And will the courses transfer to a 4 year university?
- ▶ How long will it take?
- ▶ And how much will it cost?

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Student Report They Want To Receive Career Information:

- ▶ **Online and more thorough** career information
- ▶ **Earlier & more interactive** career information in their college experience
- ▶ **Link** between **programs** of study and **career opportunities**

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Essential Components Of Guided Pathways

- ▶ **Informed Choice:** Choices becomes more informed, deliberate and simpler
 - ▶ Clustering programs into broad “Career & Academic Pathways” (flight paths) makes decisions simpler for students.
 - ▶ Students match their skills & interests to broad academic paths that lead to careers, e.g.,
 - ▶ 1st year student choose Business Career Pathway;
 - ▶ 2nd year choose specific major- Accounting



Essential Components of Guided Pathways

- ▶ **Whole Programs of Study are Mapped:** Students choose coherent programs of study, NOT random, individual courses.
 - ▶ Students make the “big choice” of academic majors or programs and the courses sequences are laid out for them.
 - ▶ A clear path to on-time completion is prepared for them semester by semester all the way to graduation.



What Our Students Current See

On our Website

In our Catalog

Academics (website)

Campus Map Find People Faculty & Staff CLASS-Web Canvas Online Learning Library Quick Links

LAS POSITAS
COLLEGE

Discover LPC Admissions Financial Aid Students Academics Performing Arts Athletics

Academic Programs

Las Positas College > Academic Programs > Programs of Study

Academic Programs

- Academic Programs Home
- Programs of Study
- Courses
- Degrees
- Certificates
- Continuing Education (Noncredit)
- Career & Technical Education
- Community Education
- High School/ROP Articulation
- Course Outlines

Programs of Study

Las Positas College is authorized by the Board of Governors of the California Community Colleges to confer the Associate Degree, Associate Degree for Transfer, Certificate of Achievement, Certificate of Accomplishment, Certificate of Competency and Certificate of Completion upon students who complete the necessary requirements. Please see [Degree & Certificate](#) requirements for further information.

Associate Degree

Las Positas College offers the Associate Degree. These degrees include Career Technical Education programs designed to prepare for direct job entry, Transfer Preparation programs designed to prepare students for transfer to a University in baccalaureate program, and Local programs designed to as a record of academic achievement. These consist of the Associate of Arts (AA) Degree and Associate of Science (AS) Degree. The AS Degree is primarily for any Science, Technology, Engineering, or Mathematics (STEM) field and Career Technical Education programs, and the AA Degree is primarily for all other disciplines.

- General Education Pattern for Associate of Arts (AA) Degree
- General Education Pattern for Associate of Science (AS) Degree

The Associate Degree is conferred upon those students who complete the required 60 or more semester units of the degree pattern with a grade-point average of 2.0 or better, of which 12 units must be earned at Las Positas college including the final course, and meet the graduation requirements as set forth in the Las Positas College "General Education Pattern for Associate of Arts (AA) Degree" chart for an AA Degree or the "General Education Pattern for Associate of Science (AS) Degree" chart for an AS Degree. Within each AA and AS Degree, there is a required general education component. General Education courses are grouped into several broad areas and are

Maybe I'll see what programs LPC has

Where do I go from here?

How about this link?



Degrees (2019 - 2020)

Please select the checkmarks below to view the courses sequences for each individual program.

- AA Associate of Arts Degree
- AS Associate of Science Degree
- AA-T Associate in Arts Degree for Transfer
- AS-T Associate in Science Degree for Transfer

Administration of Justice

Program	AA	AS	AA-T
Administration of Justice *	✓		

Anthropology

Program	AA	AS	AA-T
Anthropology			✓

Art

Program	AA	AS	AA-T
Art: Emphasis in Painting	✓		
Studio Arts			✓

Art History

Program	AA	AS	AA-T
Art History			✓

Automotive Technology

Program	AA	AS	AA-T
Automotive Electronics Technology *		✓	

Biology

Program	AA	AS	AA-T
Biology	✓		
Biology: Allied Health	✓		
Computational Biology	✓		

Business

Program	AA	AS	AA-T
Administrative Assistant *	✓		
Business *		✓	
Business Administration *	✓		
Business Entrepreneurship *	✓		

Chemistry

Program	AA	AS	AA-T	AS-T
Chemistry		✓		

Communication Studies

Program	AA
Communication Studies	

Computer Information Systems

Program	AA
Computer Information Systems *	✓
Computer Information Technologist *	

Computer Networking Technology

Program	AA
Network Security and Administration *	

Computer Science

Program	AA
Computer Science	

Early Care and Education

Program	AA
Child and Adolescent Development	
Early Childhood Development *	✓
Early Childhood Education	
Early Childhood Intervention *	✓

Economics

Program	AA
Economics	

Emergency Medical Services

Program	AA
Emergency Medical Services EMT-Paramedic *	

Engineering Technology

Program	AA
Engineering Technology *	

English

Program	AA
English	✓

Degrees-AA, AS, AA-T, AS-T

Environmental Science

Program	AA	AS	AA-T	AS-T
Environmental Science		✓		

Environmental Studies

Program	AA	AS	AA-T	AS-T
Environmental Studies		✓		

Fire Service Technology

Program	AA	AS
Fire Service Technology *		✓

Geography

Program	AA	AS
Geography		

Geology

Program	AA	AS
Geology		

Global Studies

Program	AA	AS
Global Studies		

Graphic Arts & Digital Media

Program	AA	AS
Graphic Design *	✓	

Health

Program	AA	AS
Public Health Science		

History

Program	AA	AS
History		

Horticulture

Program	AA	AS
Horticulture *		✓

Humanities

Program	AA	AS
Humanities	✓	

Interior Design

Program	AA	AS
Interior Design		✓

Kinesiology

Program	AA	AS	AA-T	AS-T
Kinesiology			✓	

Liberal Arts and Sciences

Program	AA	AS	AA-T	AS-T
Arts and Humanities	✓			
Business	✓			
Computer Studies	✓			
Language Arts and Communication	✓			
Mathematics and Science	✓			
Social and Behavioral Sciences	✓			

Marketing

Program	AA
Marketing *	✓

Mass Communications

Program	AA
Journalism	
Mass Communications *	✓

Mathematics

Program	AA
Mathematics	

Music

Program	AA
Music	✓

Nutrition

Program	AA
Nutrition and Dietetics	

Occupational Safety and Health

Program	AA
Occupational Safety and Health *	

Philosophy

Program	AA
Philosophy	

Photography

Program	AA
Photography *	✓

Physics

Program	AA	AS	AA-T	AS-T
Physics		✓		

Political Science

Program	AA	AS	AA-T	AS-T
Political Science			✓	

Psychology

Program	AA	AS	AA-T	AS-T
Psychology			✓	

Psychology-Counseling

Program	AA	AS	AA-T	AS-T
Social Work and Human Services			✓	

Sociology

Program	AA	AS	AA-T	AS-T
Sociology			✓	

Theater Arts

Program	AA	AS	AA-T	AS-T
Theater Arts	✓		✓	

Viticulture & Winery Technology

Program	AA	AS	AA-T	AS-T
Enology *		✓		
Viticulture *		✓		

Welding Technology

Program	AA	AS	AA-T	AS-T
Welding Technology *		✓		

That's a lot of degrees...what's an AA-T, and AS-T. How are they different from an AA or AS?



Certificates (2019 - 2020)

Please select the checkmarks below to view the courses sequences for each individual program.

- * CA Certificate of Achievement
- * CP Certificate of Competency - noncredit
- * CL Certificate of Completion - noncredit
- * § Certificate of Accomplishment - not transcribed

Administration of Justice

Program	CA	CP
Law Enforcement *	✓	

Automotive Technology

Program	CA	CP
Automotive Chassis *	✓	
Automotive Drivability *	✓	

Biology

Program	CA	CP
Computational Biology	✓	

Business

Program	CA	CP	CL
Accounting Technician *	✓		
Administrative Assistant *	✓		
Bookkeeping *	✓		
Business Entrepreneurship *	✓		
Business Workforce Proficiency *	✓		
Retail Management (WAFIC) *	✓		
Supervisory Management *	✓		

Computer Information Systems

Program	CA	CP	CL
Administrative Medical Assistant *	✓		
Computer Applications Software *	✓		
Project Management *			
Web Development *			

Computer Networking Technology

Program	CA	CP	CL	§
Cisco Network Associate *	✓			
Computer Desktop OS Security *	✓			
Computer Network Technician *	✓			
CyberSecurity *	✓			
Digital Forensics Examiner *	✓			
IT Support Professional *	✓			
Microsoft Systems Administrator *	✓			

Computer Science

Program	CA
Computer Programming *	✓
Computer Programming for the Web *	✓

Early Care and Education

Program	CA
Associate Teacher *	✓
Early Childhood Development *	✓
Early Childhood Intervention Assistant *	✓

Emergency Medical Services

Program	CA
Emergency Medical Technologies *	✓
Emergency Medical Services EMT-Paramedic *	✓
Emergency Medical Responder *	✓

English

Program	CA
Creative Writing	✓

English as a Second Language

Program	CA
ESL College Grammar Pathway	
ESL College Reading and Writing Pathway	

Certificates—CA, CP, CL, §

Fire Service Technology

Program	CA	CP	CL	§
Fire Academy - Fire Suppression *	✓			
Fire Prevention *	✓			
Fire Service Technology *	✓			

Geology

Program	CA
Geology	✓
Geology Major	✓

Graphic Arts & Digital Media

Program	CA
Digital Illustration *	✓
Graphic Design *	✓
Print Design *	✓
Web & Interaction Design *	✓

Horticulture

Program	CA
Horticulture *	
Landscape Design *	✓
Landscape Maintenance and Construction *	✓
Nursery, Greenhouse, and Grower Operations *	✓
Ornamental Horticulture *	✓

Humanities

Program	CA
Humanities	✓

Interior Design

Program	CA
Interior Design	✓

Kinesiology

Program	CA	CP	CL
Athletic Training/Sports Medicine *	✓		
Fitness Trainer *	✓		

Marketing

Program	CA	CP	CL	§
Retailing *	✓			

Mass Communications

Program	CA	CP	CL	§
Mass Communications: Journalism *	✓			
Mass Communications: Radio Communications *				✓

Mathematics

Program	CA	CP	CL	§
Occupational Safety and Health *	✓			
Occupational Safety *				✓
Foundational Mathematics Pathway				
Foundational Mathematics Support				
Foundational Mathematics Pathway				
Foundational Mathematics Support				
Math Jam for College Mathematics				
Math Jam for Foundational Mathematics				
Math Jam Tutor Pathway				

Music

Program	CA	CP	CL	§
Commercial Music: Music Business *	✓			
Commercial Music: Music Technology Fundamentals *	✓			
Commercial Music: Teaching Beginning Piano *	✓			
Commercial Music: Teaching Intermediate Piano *	✓			
Commercial Music: Scoring for Film and Multimedia *	✓			
Jazz Studies				

Occupational Safety and Health

Program	CA	CP	CL	§
Occupational Safety and Health *	✓			
Occupational Safety *				✓

Photography

Program	CA	CP	CL	§
Photography *	✓			

Theater Arts

Program	CA	CP	CL	§
Technical Theater *	✓			

University Transfer

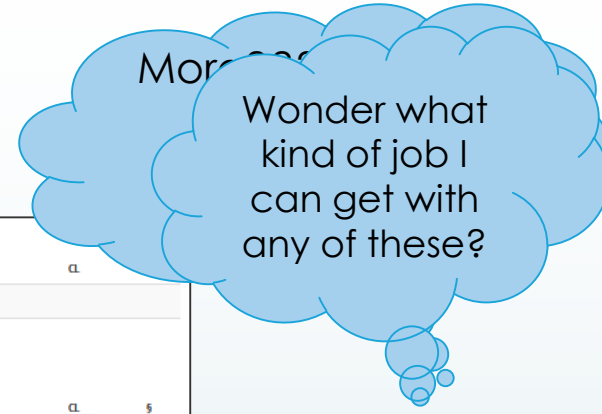
Program	CA	CP	CL	§
CSU General Education Breadth	✓			
IGETC (Intersegmental General Education Curriculum)	✓			

Viticulture & Winery Technology

Program	CA	CP	CL	§
Enology *	✓			
Viticulture *	✓			
Wine Hospitality *	✓			

Welding Technology

Program	CA	CP	CL	§
Welding Technology *	✓			



Programs (Catalog)

This isn't much clearer...and I still don't see anything about careers



LAS POSITAS COLLEGE		2019-2020 Degrees and Certificates	
■ Associate of Arts (AA)	■ CA Certificate of Achievement		
■ Associate of Science (AS)	■ CP Certificate of Competency - noncredit		
■ Associate in Arts for Transfer (AAT)	■ CL Certificate of Completion - noncredit		
■ Associate in Science for Transfer (AST)	■ § Certificate of Accomplishment - not transcribed		
* Career Technical Education (CTE) - occupational programs designed for job entry; some courses are transferable to 4-year institutions			
Administration of Justice			
Administration of Justice*	AA AS-T		§
Law Enforcement*		CA	
Anthropology			
Anthropology		AA-T	
Art			
Art: Emphasis in Painting	AA		
Studio Arts		AA-T	
Art History			
Art History		AA-T	
Automotive Technology			
Automotive Electronics Technology*	AS		
Automotive Chassis*		CA	
Automotive Drivability*		CA	
Biology			
Biology	AA AS-T		
Biology: Allied Health	AA	CA	
Computational Biology	AA	CA	
Business			
Accounting Technician*		CA	
Administrative Assistant*	AA	CA	
Bookkeeping*		§	
Business*	AS		
Business Administration*	AA AS-T		
Business Entrepreneurship*	AA	CA	
Business Workforce Proficiency*		§	
Retail Management (WAFC)*		CA	
Supervisory Management*		CA	
Chemistry			
Chemistry	AS		
Chemistry Education	AS		
Communication Studies			
Communication Studies		AA-T	
Computer Information Systems			
Administrative Medical Assistant*		CA	
Computer Applications Software*		CA	
Computer Information Systems*	AA		
Computer Information Technologist*	AS		
Project Management*			§
Web Development*			§
Computer Networking Technology			
Cisco Network Associate*		CA	
Computer Desktop OS Security*		CA	
Computer Network Technician*		CA	
CyberSecurity*		CA	
Digital Forensics Examiner*		CA	
IT Support Professional*		CA	
Microsoft Systems Administrator*		CA	
Network Security and Administration*	AS		
Computer Science			
Computer Programming*		CA	
Computer Programming for the Web*		CA	
Computer Science		AS	
Early Care and Education			
Associate Teacher*		CA	
Child and Adolescent Development		AA-T	
Early Childhood Development*	AA	CA	
Early Childhood Education*		AS-T	
Early Childhood Intervention*	AA	CA	
Early Childhood Intervention Assistant*		CA	
Economics			
Economics		AA-T	
Emergency Medical Services			
Emergency Medical Technologies*		CA	
Emergency Medical Services EMT-Paramedic*	AS	CA	
Emergency Medical Responder*		§	
Engineering Technology			
Engineering Technology*		AS	
English			
Creative Writing		CA	
English	AA	AA-T	
English as a Second Language			
ESL College Grammar Pathway		CP	
ESL College Reading and Writing Pathway		CP	
Environmental Science			
Environmental Science	AS		

LAS POSITAS COLLEGE		2019-2020 Degrees and Certificates	
Environmental Studies			
Environmental Studies	AA		
Fire Service Technology			
Fire Academy - Fire Suppression*		CA	
Fire Prevention*		CA	
Fire Service Technology*	AS	CA	
Geography			
Geography		AA-T	
Geology			
Geology		AS-T CA	
Geology Major		CA	
Global Studies			
Global Studies		AA-T	
Graphic Arts & Digital Media			
Digital Illustration*		CA	
Graphic Design*	AA	CA	
Print Design*		CA	
Web & Interaction Design*		CA	
Health			
Public Health Science		AS-T	
History			
History		AA-T	
Horticulture			
Horticulture*	AS	CL	
Landscape Design*		CA	
Landscape Maintenance and Construction*		CA	
Nursery, Greenhouse, and Grower Operations*		CA	
Ornamental Horticulture*		CA	
Humanities			
Humanities	AA	CA	
Interior Design			
Interior Design	AS	CA	
Kinesiology			
Athletic Training/Sports Medicine*		CA	
Fitness Trainer*		CA	
Kinesiology		AA-T	
Liberal Arts and Sciences			
Arts and Humanities	AA		
Business	AA		
Computer Studies	AA		
Language Arts and Communication	AA		
Mathematics and Science	AA		
Social and Behavioral Sciences			
Social Work and Human Services		AA-T	
Marketing			
Marketing*	AA		
Retailing*		CA	
Mass Communications			
Journalism		AA-T	
Mass Communications*	AA		
Mass Communications: Journalism*		CA	
Mass Communications: Radio Communications*		§	
Mathematics			
College Mathematics Pathway		CP	
College Mathematics Support		CP	
Foundational Mathematics Pathway		CP	
Foundational Mathematics Support		CP	
Math Jam for College Mathematics		CP	
Math Jam for Foundational Mathematics		CP	
Math Jam Tutor Pathway		CL	
Mathematics		AS-T	
Music			
Commercial Music: Music Business*		CA	
Commercial Music: Music Technology Fundamentals*		CA	
Commercial Music: Teaching Beginning Piano*		CA	
Commercial Music: Teaching Intermediate Piano*		CA	
Commercial Music: Scoring for Film and Multimedia*		CA	
Jazz Studies		CA	
Music	AA	AA-T	
Nutrition			
Nutrition and Dietetics		AS-T	
Occupational Safety and Health			
Occupational Safety and Health*	AS	CA	
Occupational Safety*		§	
Philosophy			
Philosophy			
Photography			
Photography*		CA	
Physics			
Physics		AA-T	
Political Science			
Political Science		CA	
Psychology			
Psychology	AA	AA-T	
Psychology-Counseling			
Psychology-Counseling		CA	
University Transfer			
CSU General Education Breadth		CA	

LAS POSITAS COLLEGE		2019-2020 Degrees and Certificates	
IGETC (Intersegmental General Education Curriculum)		CA	
Viticulture & Winery Technology			
Enology*	AS	CA	
Viticulture*	AS	CA	
Wine Hospitality*		CA	
Welding Technology			
Welding Technology*	AS	CA	

If you have any questions regarding programs of study, please be sure to see a counselor.



Instructions

- ▶ Form cross functional teams:
 - ▶ Classified professionals, instructional faculty, counseling faculty, administrators.
- ▶ Assign a note taker to capture the discussion.
- ▶ Assign a presenter to share out your career pathways for Gallery Walk.
- ▶ Begin clustering LPC degrees & disciplines into career pathways that make sense to your group.



Discussion Questions

- ▶ Rationale used for clustering the disciplines & degrees into career pathways?
- ▶ Number & name of career pathways?
- ▶ What about disciplines that could be in two or more career pathways?
- ▶ What about disciplines that haven't identified career pathways?
- ▶ What about undecided students?

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Examples of Career Pathways Sierra College & Bakersfield

- <https://academics.sierracollege.edu>
- <https://www.bakersfieldcollege.edu/academics/pathways>
- <https://www.dvc.edu/academics/explore.html>