

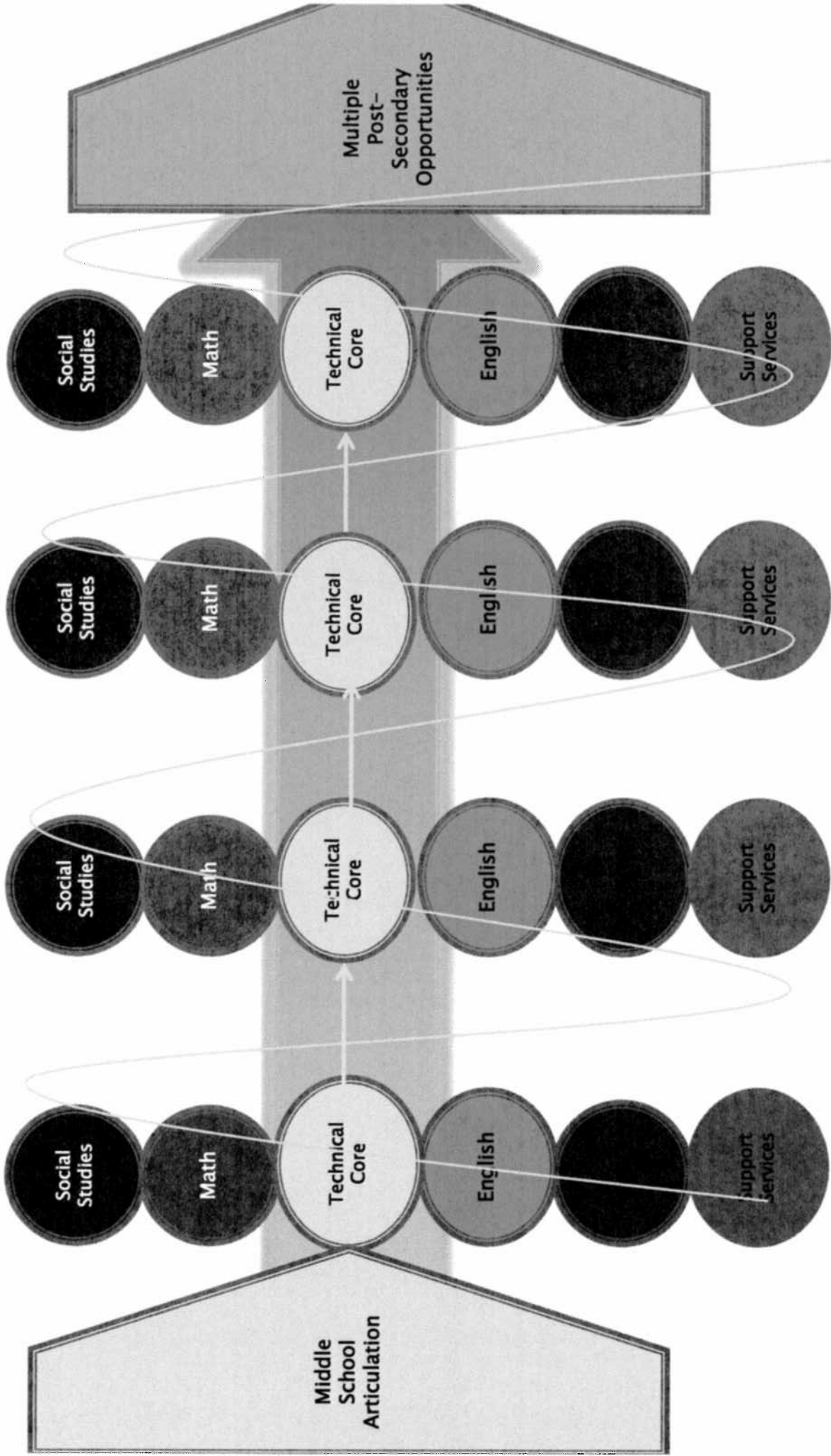
# **Program of Study for ALL**

**A Toolbox for Decision Makers  
“The Building of a Veterinary Science  
Pathway”**



# Post-Secondary Articulation

College and Career Plan ----- College Tours ----- Applications ----- Courses

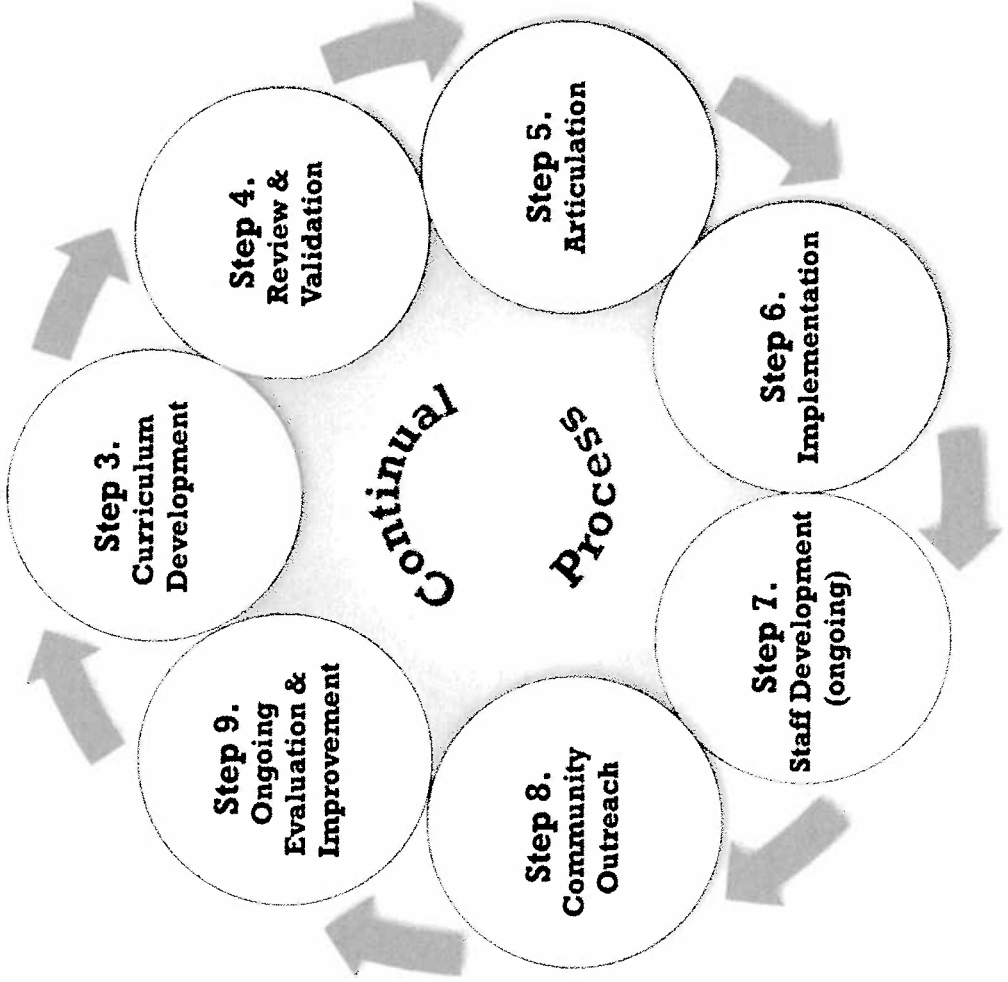


# Work-based Learning Opportunities

Company Tours ----- Job Shadowing ----- Internships

**Step 1.**  
Establish  
Leadership/Advisory Team  
& Select Industry Sector

**Step 2.**  
Assemble  
Implementation Team



# Tulare Joint Union High School District

## Pre Vet Pathway

GRADE	REQUIRED COURSES				RECOMMENDED ELECTIVE COURSES				Concurrent Enrollment	
	ENGLISH	MATH	SCIENCE	SOCIAL SCIENCES	Physical Education	Elective	Elective	Elective		
7	Language Arts	Pre Algebra	Life Science	World History	Physical Education	Elective	Elective	Elective	ENGL 251 ENGL 1 COMM 01 HW 1 HIST 18 NUTR 18	
8	Language Arts	Algebra	Physical Science	US History	Physical Education	Elective	Elective	Elective		
9	English I	Algebra I	Ag Biology	Freshman Studies	Ag Science 1	Spanish I or Portuguese I				
10	English II	Geometry	Chemistry	World History	Elective	Spanish II or Portuguese II				
11	English III	Algebra II		US History	Dairy Production and Management *					
12	English IV	Pre Calculus		Civics and Economics	Intro to Vet Science *					
<b>COS Placement testing necessary for Math and English</b>										
<b>REQUIRED COURSES</b>										
Year 1 Semester 1	ENGL 1	MATH 21	CHEM 1	BIOL 1	PHSY 20					
Year 1 Semester 2	ENGL 2	COMM 9	CHEM 2	BIOL 2	PHSY 21					
<b>Courses to be taken at Fresno State University (Summer Term)</b>										
Summer Term	BIOL 102 or ANSCI 125	CHEM 150	BIOL 162 or ANSCI 145							
Year 2 Semester 1	ART 1	HIST 17	CHEM 12	BIOL 20 or 22	WEXP 193F					
Year 2 Semester 2	ENGL 4	ENGL 45	CHEM 13	ASCI 001 OR DSCI 101 OR	ASCI 022 OR	VT 109				
<b>Required Courses</b>										
<b>Career Education Courses</b>										
<b>Recommended Elective Course</b>										
<b>Credit-Based Transition Programs (Dual Enrollment, Articulated Courses, 2+2+2)</b>										
◆=Articulated Course ●=Dual Enrollment ■=Credit By Exam										
<b>Assessments, Advising, or Additional Preparation during Summer Break</b>										



You can take Chem 21 or Chem 12 and 13: however chem 12 and 13 are prerequisites for BIOL 102 and CHEM 150 at Fresno State

# Industry Sector: Agriculture

## Pathway: Animal Science



### Veterinary Technician Program of Study

Level	Grade	English Language Arts	Math	Social Studies	Science	Career Technical Education Course	Other Required Courses or Recommended Electives	Sample Occupations relating to this pathway (Including SOC Code)
JUNIOR	7	Language Arts	Pre-Algebra	World History	Life Science	Intro to Careers and Computers	PE	Occupations requiring a high school diploma > Veterinary Assistant 31-9096 > Nonfarm Animal Caretaker 39-2021 > Laboratory Assistant 31-9196
	8	Language Arts	Algebra	US History	Physical Science	Exploring Careers and Computer Application	PE	Occupations requiring some post-secondary > Veterinary Assistant 31-9096 > Animal Breeder 45-2021 > Animal Control Worker 33-9011
SENIOR	9	English I	Algebra I or Geometry	Freshman Studies	Chemistry	Ag Science I	PE	Occupations requiring a 2 year Degree > Veterinary Technician 29-2056 > Animal Caretaker Manager 11-9011
	10	English II	Geometry or Algebra II	World History	Physics	Ag Biology	Foreign Language II PE	Occupations requiring a BA/BS or Above Degree > Veterinarian 29-1131 > Biologist 19-1023 > Animal Trainers 39-2011
POSTSECONDARY	11	English III	Algebra II or Pre-Calculus	US History	Environmental Science	Livestock Production and Management	Foreign Language II	
	12	English IV	Pre-Calculus or Calculus	Government and Economics		Veterinary Science/VT 109*	Floral Design Meets A-G Fine Arts PE 1-199	Industry recognized certifications, licenses, credentials or apprenticeships related to this pathway. > Certified Veterinary Assistant > Registered Veterinary Technician > Doctor of Veterinary Medicine

Articulated dual credit courses must be taken/moves to the secondary level for articulation/dual credit purposes.

Level	Grade	English Language Arts	Math	Social Studies	Science	Career Technical Education Course	Other Required Courses or Recommended Electives	Sample Occupations relating to this pathway (Including SOC Code)
POSTSECONDARY	13a	English I	Math 230/245 or higher	History 17	HW 001 unless already taken	VT 109- Unless Articulated	VT 118	
	13b		AGMT 102	PE 1-199 unless already taken	BIO 22	VT 216	VT 120	
POSTSECONDARY	14a				VT 115	VT 124	VT 122	
	14b				VT 119	VT 128	VT 125	

Junior High/Middle School: Tulare City Schools  
 High School: Tulare Union High School District (Tulare Union, Tulare Western, Mission Oak)  
 Community College: College of the Sequoias  
 College/University: NA

**Required Courses**  
**Career Technical Educational Courses**  
**Other Required Courses and Recommended Electives**  
**Dual/Concurrent Enrollment - Articulated Courses**



**ENTER PRACTICE PRIORITY**

● Our Team

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● WHAT IT LOOKS LIKE

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● ACTION STEPS

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● IMPACT and OUTCOMES

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★ Communications and Marketing

Messages

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Audience

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Media

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★ Policy Implications

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County/State

Federal

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# **For More Information**

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