



## High School to College Pathway (Freshman)

**Pathway: Applied Animal Science Technology 2020-2021** **Associate of Applied Science Certificate**

High School Plan							
Secondary	Grade	English	Math	Science	Social Studies	Required Courses (*) or Recommended CTE Electives	Career and Technical Courses
	9	English I	Math I	Earth Science	World History	*Health/PE	Agriscience Applications
						*Career Management/PLTW	
	10	English II	Math II	Biology	Founding Principles of the USA & NC: Civic Literacy	Animal Science I	ACM 110 Intro to Animal Care (FA)
	11	English III	Math III	Physical Science	Economics & Personal Finance	Animal Science II	ANS 115 Animal Feeds & Nutrition (FA)
							ANS 120 Beef Production (SP)
12	English IV	4th Math Course		American History		ANS 130 Poultry Production (SP)	
						ANS 150 Animal Health Mgmt (SP)	
Community College Plan							
Postsecondary	Year 13						
	Fall Semester	ACM 110 Intro to Animal Care		ANS 110 Animal Science		ANS Animal Feeds & Nutrition	
	Spring Semester	ANS 120 Beef Production		ANS 130 Poultry Production		ANS 150 Animal Health Mgmt	

**Required Credit Hours for Certificate: 18**

**Yellow Recommended CTE: 18 Hours**

**Red Articulated Credit: 3 Hours**

**Occupations:** Production Technician, Laboratory Animal Caretakers, Research Technician, Animal Breeder, Animal Trainer, Feed Consultant, Quality Control Technician, Meat Inspector, Breed Association Representative, Farmer, Herd or Agricultural Manager, Livestock Buyer  
**Average Salary:** \$26,000-\$60,000

Upon Completion of the pathway, the student will be awarded an Applied Animal Science Technology certificate from SCC.



## High School to College Pathway (Freshman)

### Pathway: Applied Animal Science Technology 2020-2021 Associate of Applied Science Diploma

High School Plan								
Secondary	Grade	English	Math	Science	Social Studies	Required Courses (*) or Recommended CTE Electives	Career and Technical Courses	
	9	English I	Math I	Earth Science	World History	*Health/PE	ACM 110 Intro to Animal Care (FA)	
						*Career Management/PLTW		
	10	English II	Math II	Biology	Founding Principles of the USA & NC: Civic Literacy	Animal Science I	ANS 115 Animal Feeds & Nutri (FA)	
						Animal Science II	ANS 120 Beef Production (SP)	
	11	English III	Math III	Physical Science	Economics & Personal Finance	*ENG 111 Writing/Resear (SP)	ANS 130 Poultry Production (SP)	
						*ACA 111 Coll Student Suc (FA)	ANS 150 Animal Health Mgmt (SP)	
12	English IV	4th Math Course		American History I	*ENG 112 Writing/Resear (FA)	AGR 111 Basic Farm Maint (SP)		
					*HUM 110 Tech & Society (SP)	AGR 139 Intr to Sustainable Ag (FA)		
					*BUS 137 Prin of Manage (FA)	ANS 140 Swine Production (SP)		
Community College Plan								
Year 13								
Postsecondary	Fall Semester	ACM 110 Intro to Animal Care		ANS 110 Animal Science		AGR 139 Intro to Sustainable Agriculture	ACA 111 College Student Success	
	Spring Semester	ANS 150 Animal Health Management		HUM 110 Technology & Society		AGR 111 Basic Farm Management	ENG 111 Writing & Inquiry OR ENG 112/Writing/Research in the Disc	
	Year 14							
	Fall Semester	ANS 115 Animal Feeds & Nutrition		ENG 112 Writing/Research in the Disciplines		BUS 137 Principles of Management		
Spring Semester	ANS 120 Beef Production		ANS 130 Poultry Production		ANS 140 Swine Production			

**Required Credit Hours for Diploma: 39**  
**Yellow Recommended CTE: 39 Hours**  
**Red Articulated Credit: 3 Hours**

**Occupations:** Production Technician, Laboratory Animal Caretakers, Research Technician, Animal Breeder, Animal Trainer, Feed Consultant, Quality Control Technician, Meat Inspector, Breed Association Representative, Farmer, Herd or Agricultural Manager, Livestock Buyer  
**Average Salary:** \$26,000-\$60,000

Upon Completion of the pathway, the student will be awarded an Applied Animal Science Technology certificate from SCC.



## High School to College Pathway (Sophomore, Junior, Senior)

**Pathway: Applied Animal Science Technology 2020-2021** **Associate of Applied Science Certificate**

High School Plan							
Secondary	Grade	English	Math	Science	Social Studies	Required Courses (*) or Recommended CTE Electives	Career and Technical Courses
	9	English I	Math I	Earth Science	World History	*Health/PE	Agriscience Applications
						*Career Management / PLTW	
	10	English II	Math II	Biology	Civics & Economics	Animal Science I	ACM 110 Intro to Animal Care (FA)
	11	English III	Math III	Physical Science	American History I	Animal Science II	ANS 115 Animal Feeds & Nutrition (FA) ANS 120 Beef Production (SP)
12	English IV	4th Math Course		American History II		ANS 130 Poultry Production (SP) ANS 150 Animal Health Mgmt (SP)	
Community College Plan							
Postsecondary	Year 13						
	Fall Semester	ACM 110 Intro to Animal Care		ANS 110 Animal Science		ANS Animal Feeds & Nutrition	
	Spring Semester	ANS 120 Beef Production		ANS 130 Poultry Production		ANS 150 Animal Health Mgmt	

**Required Credit Hours for Certificate: 18**

**Yellow Recommended CTE: 18 Hours**

**Red Articulated Credit: 3 Hours**

**Occupations:** Production Technician, Laboratory Animal Caretakers, Research Technician, Animal Breeder, Animal Trainer, Feed Consultant, Quality Control Technician, Meat Inspector, Breed Association Representative, Farmer, Herd or Agricultural Manager, Livestock Buyer  
**Average Salary:** \$26,000-\$60,000

Upon Completion of the pathway, the student will be awarded an Applied Animal Science Technology certificate from SCC.



## High School to College Pathway (Sophomore, Junior, Senior)

**Pathway: Applied Animal Science Technology 2020-21** **Associate of Applied Science Diploma**

High School Plan								
Secondary	Grade	English	Math	Science	Social Studies	Required Courses (*) or Recommended CTE Electives	Career and Technical Courses	
	9	English I	Math I	Earth Science	World History	*Health/PE		ACM 110 Intro to Animal Care (FA)
						*Career Management/PLTW		
	10	English II	Math II	Biology	Civics & Economics	Animal Science I		ANS 115 Animal Feeds & Nutri (FA)
						Animal Science II		ANS 120 Beef Production (SP)
	11	English III	Math III	Physical Science	American History I	*ENG 111 Writing/Resear (SP)		ANS 130 Poultry Production (SP)
						*ACA 111 Coll Student Suc (FA)		ANS 150 Animal Health Mgmt (SP)
12	English IV	4th Math Course		American History II	*ENG 112 Writing/Resear (FA)		AGR 111 Basic Farm Maint (SP)	
					*HUM 110 Tech & Society (SP)		AGR 139 Intr to Sustainable Ag (FA)	
					*BUS 137 Prin of Manage (FA)		ANS 140 Swine Production (SP)	
Community College Plan								
Year 13								
Postsecondary	Fall Semester	ACM 110 Intro to Animal Care		ANS 110 Animal Science		AGR 139 Intro to Sustainable Agriculture	ACA 111 College Student Success	
	Spring Semester	ANS 150 Animal Health Management		HUM 110 Technology & Society		AGR 111 Basic Farm Management	ENG 111 Writing & Inquiry OR ENG 112/Writing/Research in the Disc	
	Year 14							
	Fall Semester	ANS 115 Animal Feeds & Nutrition		ENG 112 Writing/Research in the Disciplines		BUS 137 Principles of Management		
Spring Semester	ANS 120 Beef Production		ANS 130 Poultry Production		ANS 140 Swine Production			

**Required Credit Hours for Diploma: 39**  
**Yellow Recommended CTE: 39 Hours**  
**Red Articulated Credit: 3 Hours**

**Occupations:** Production Technician, Laboratory Animal Caretakers, Research Technician, Animal Breeder, Animal Trainer, Feed Consultant, Quality Control Technician, Meat Inspector, Breed Association Representative, Farmer, Herd or Agricultural Manager, Livestock Buyer  
**Average Salary:** \$26,000-\$60,000

Upon Completion of the pathway, the student will be awarded an Applied Animal Science Technology certificate from SCC.