

High School to College Pathway

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	
						*Career Mgmt.	
	10	English II	Math II	Biology	Civics & Economics		ACM 110 Intro to Animal Care (FA)
							ANS 110 Animal Science (FA)
	11	English III	Math III	Physical Science	American History I		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

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

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	ACM 110 Intro to Animal Care (FA) ANS 110 Animal Science (FA) ANS 115 Animal Feeds & Nutrition (FA) ANS 120 Beef Production (SP) ANS 130 Poultry Production (SP) ANS 150 Animal Health Mgmt (SP)
						*Career Mgmt.	
	10	English II	Math II	Biology	Civics & Economics		
	11	English III	Math III	Physical Science	American History I		
12	English IV	4th Math Course		American History II			
Postsecondary	Community College Plan						
	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

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 a Applied Animal Science Technology certificate from SCC.



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							
Year 13							
Postsecondary	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 2020-2021 **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							
Year 13							
Postsecondary	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

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		
						*Career Mgmt.		
	10	English II	Math II	Biology	Civics & Economics			ACM 110 Intro to Animal Care (FA)
								ANS 110 Animal Science (FA)
	11	English III	Math III	Physical Science	American History I			ANS 115 Animal Feeds - Nutri (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								
Year 13								
POSTSECONDARY	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

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 a Applied Animal Science Technology certificate from SCC.