

High School to College Pathway

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 Mgmt.		ANS 110 Animal Science (FA)	
	10	English II	Math II	Biology	Civics & Economics	*ACA 111 Coll Student Suc (FA)		ANS 115 Animal Feeds & Nutri (FA)	
						*HUM 110 Tech & Society (SP)		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)	
						*BUS 137 Prin of Manage (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)		
							AGR 139 Intr to Sustainable Ag (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									
POSTSECONDARY	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: 4 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 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 Mgmt.	ANS 110 Animal Science (FA)
	10	English II	Math II	Biology	Civics & Economics	*ACA 111 Coll Student Suc (FA)	ANS 115 Animal Feeds & Nutri (FA)
						*HUM 110 Tech & Society (SP)	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)
*BUS 137 Prin of Manage (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)	
						AGR 139 Intr to Sustainable Ag (FA)	
						ANS 140 Swine Production (SP)	

COMMUNITY COLLEGE PLAN

Year 13				
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: 4 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 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							
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 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.

High School to College Pathway

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 Mgmt.	ANS 110 Animal Science (FA)
	10	English II	Math II	Biology	Civics & Economics	*ACA 111 Coll Student Suc (FA)	ANS 115 Animal Feeds & Nutri (FA)
						*HUM 110 Tech & Society (SP)	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)
*BUS 137 Prin of Manage (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)	
						AGR 139 Intr to Sustainable Ag (FA)	
						ANS 140 Swine Production (SP)	

COMMUNITY COLLEGE PLAN

POSTSECONDARY	Year 13				
	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

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