

Blueprint

Course Number and Title		Course Information A1	
ES # and Ind #/Obj #	Essential Standards and Objective/Indicator Statements (The learner will be able to.....) (In some instances only the topic will be listed for objectives/indicators excluding verbs.)	Standards or Indicators/Objectives Weight	RBT Designation for Essential Standards or Indicators/Objectives
	Total Course Weight	100%	
1.00	Apply leadership and employability skills.	12%	C3
1.01	Explain FFA opportunities available to students.	4%	
1.02	Develop employability skills.	4%	
1.03	Develop proper meeting management.	4%	
2.00	Apply work-based and experiential learning in animal science.	12%	C3
2.01	Summarize careers in the animal industry.	4%	
2.02	Develop a supervised agricultural experience (SAE).	8%	
3.00	Understand the economic impact and current trends and issues in the animal science. Industry.	14%	B2
3.01	Explain the economic impact of the animal science industry.	4%	
3.02	Explain current trends in the animal science industry.	4%	
3.03	Explain animal welfare issues and the benefits of producing healthy animals.	6%	
4.00	Apply evaluation criteria to animals based on quality traits.	30%	C3
4.01	Remember animal science terminology.	12%	
4.02	Interpret industry standards to select food and companion animals.	10%	
4.03	Justify a ordered placing of animals based on desirable traits.	8%	
5.00	Understand reproductive systems.	8%	B2
5.01	Explain the reproductive systems of mammals.	4%	
5.02	Explain the reproductive system of avian species.	4%	
6.00	Understand digestive systems and nutritional components.	12%	B2
6.01	Compare ruminant, monogastric, and avian systems.	6%	
6.02	Compare nutritional components of animal feeds.	6%	
7.00	Understand best management practices in animal science.	12%	B2
7.01	Understand animal behavior.	5%	
7.02	Demonstrate animal handling systems.	7%	