Michigan Agriculture: Perkins Course Competencies

PCC B - Animal Systems

Analyze and describe animal origin and domestication according to their hierarchical taxonomy and agricultural use. B1	**1 Analyze and describe animal origin and domestication according to their hierarchical taxonomy and agricultural use.** B1
Provide for the biosecurity of agricultural animals and prescribe and implement a prevention and treatment program for animal diseases, parasites and other disorders. B2	**2 Provide for the biosecurity of agricultural animals and prescribe and implement a prevention and treatment program for animal diseases, parasites and other disorders.** B2
Demonstrate safe animal handling and management techniques to meet producer, animal, consumer, and environmental needs. B3	**3 Demonstrate safe animal handling and management techniques to meet producer, animal, consumer, and environmental needs.** B3
Explain the anatomy and physiology systems of various animal species. B4	**4 Explain the anatomy and physiology systems of various animal species.** B4
Design a nutritional plan for a given animal with a clearly stated outcome and assess whether the nutritional requirements are being met by recording pe co variations. B5	**5 Design a nutritional plan for a given animal with a clearly stated outcome and assess whether the nutritional requirements are being met by recording performance and comparing feed variations.** B5

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Evaluate and select animals for reproduction according to breeding and production goals. B6

6 **Evaluate and select animals for reproduction according to breeding and production goals.** B6