

# Program SLOs

## Agriculture and Related Disciplines

(Agriculture; Agriculture Business; Equine Science)

A.S. – Agriculture Business; Equine Science; General Agriculture

Certificate of Proficiency – Agriculture Business; General Agriculture

### Agriculture Program Student Learning Outcomes From the 2009/2010 PrOF (Program Review)

Outcome Number	Outcome Title	Outcome Description
P-SLO 1	Technical Knowledge	Compete in the job market in the field of agriculture.
P-SLO 2	Transfer	Prepare students for transfer to higher learning institutions.
P-SLO 3	Life-long Learning	Provide students the opportunity to participate in leadership opportunities to develop life-long learning traits.
P-SLO 4	Basic Skills	Basic Skill Improvement

### A.S. Equine Science - Student Learning Outcomes\*

<b>SLO 1</b>	Describe the processes involved and outline major events in the evolution and domestication of the horse.
<b>SLO 2</b>	Formulate a disease and parasite prevention program for equine.
<b>SLO 3</b>	Describe career opportunities and requirements for successful employment in the equine industry.
<b>SLO 4</b>	Relate basic genetic principles to techniques in breeding selection and mating programs.
<b>SLO 5</b>	Identify anatomy and describe physiology of the male and female equine reproductive tract.
<b>SLO 6</b>	List and explain the correct use of specialized insemination tools.
<b>SLO 7</b>	Develop and maintain bookkeeping and record systems.
<b>SLO 8</b>	Develop a ranch plan for an equine facility, incorporating legal requirements and regulations.
<b>SLO 9</b>	Identify parts of the equine gastrointestinal system and describe the function of each.
<b>SLO 10</b>	Implement a sound feeding program based on the type and amount of work performed.
<b>SLO 11</b>	Assess the function and importance of each nutrient as it pertains to equine nutrition.
<b>SLO 12</b>	Demonstrate basic handling of the horse including catching, haltering, leading and tying.

\*Developed through the Curriculum Committee approval process.