

# HORSE RANCH MANAGEMENT - LEVEL II (CERTIFICATE N0488)

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## Natural Sciences Division

### Certificate N0488

The Horse Ranch Management Level II certificate focuses on equine husbandry, production, management, nutrition, anatomy and physiology, and breeding. The curriculum combines a combination of technical knowledge and practical skills utilizing a hands-on approach to instruction. Upon completion of this certificate, students will have intermediate skills and may be able to gain entry-level employment in the equine industry. All courses are applicable for degree requirements in Horse Ranch Management and Animal Science.

## Required Courses

Course Prefix	Course Name	Units
	Completion of the Horse Ranch Management - Level I coursework	11
	PLUS	
	Completion of the Horse Ranch Management - Level II coursework	7 - 9
	<b>Total Units</b>	<b>18-20</b>

Course Prefix	Course Name	Units
	<b>Horse Ranch Management - Level I coursework</b>	
ASCI 2	Animal Nutrition	3
ASCI 16	Horse Production and Management	4
ASCI 18	Horse Ranch Management	4
	<b>Total Units</b>	<b>11</b>

Course Prefix	Course Name	Units
	<b>Horse Ranch Management - Level II coursework</b>	
ASCI 59	Work Experience in Agriculture <sup>*Complete 1 - 3 units of ASCI 59</sup>	1-3
ASCI 94	Animal Breeding	3
ASCI 96	Animal Sanitation and Disease Control	3
	<b>Total Units</b>	<b>7-9</b>

Animal Sciences Website (<http://www.mtsac.edu/animal/>)

## Program Learning Outcomes

*Upon successful completion of this program, a student:*

- completing the Horse Ranch Management certificate will demonstrate professional conduct in the industry
- will design a production/business plan for a horse-related activity
- completing a certificate in Horse Ranch Management will be able to address animal welfare requirements when designing and implementing an equine management system

Review Student Learning Outcomes (SLOs) (<http://www.mtsac.edu/instruction/outcomes/sloinfo.html>) for this program.