

## Course Outline for SFP1303 — Grass-based Livestock Systems

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Credits:	4 (4/0/0)
Description:	This course presents the foundations of animal science and the principles of grazing for multi-species animal systems.
Prerequisites:	(None)
Corequisites:	(None)
Competencies:	<ol style="list-style-type: none"><li>1. Compare high density grazing to management intensive grazing systems.</li><li>2. Outline rotational grazing system components.</li><li>3. Demonstrate fence designs in rotational grazing systems.</li><li>4. Describe pasture establishment and improvement techniques.</li><li>5. Describe grazing season extension techniques.</li><li>6. Outline basic agroforestry applications.</li><li>7. Describe basic grass-based beef production.</li><li>8. Describe basic grass-based poultry production.</li><li>9. Describe basic pasture-based hog production.</li><li>10. Describe basic pasture-based lamb and goat production.</li><li>11. Illustrate a multi-species approach to pasture utilization.</li><li>12. Analyze effects of continuous grazing.</li><li>13. Explain the ecological implications of rotational grazing systems.</li></ol>
Goal Areas:	(None)