



<u>Course</u>	<u>Title</u>	<u>Credits</u>
<b><u>1<sup>st</sup> Year – Autumn Semester</u></b>		
ANMLTEC 1201.07T	Exploring Dairy Careers and Industry	0.5
ANMLTEC 3167T	Dairy Cattle Milking and Reproductive Management	4
ANMLTEC 3207T	Dairy Cattle Evaluation and Herd Records	2
GENBIOL 1200T	General Biology	4
GENMATH 1141T	Business Mathematics	3
or GENMATH 1145T	or Technical Mathematics	
GENSTDS 1201.01T	College Orientation	<u>0.5</u>
		<b>14</b>
<b><u>1<sup>st</sup> Year – Spring Semester</u></b>		
ANMLTEC 3140T	Animal Anatomy and Physiology	4
ANMLTEC 3177T	Dairy Cattle Health Management	4
AEDECON 2001	Principles of Food and Resource Economics	3
ENGLISH 1110.01	First-Year English Composition	3
+ ELECTIVE	Technical or Applied Gen Ed	<u>3</u>
	(From approved elective lists)	<b>17</b>
<b><u>Summer Term</u></b>		
*ANMLTEC 3191.07T	Dairy Industry Internship	<u>2</u>
		<b>2</b>
<b><u>2<sup>nd</sup> Year – Autumn Semester</u></b>		
AEDECON 2105	Managerial Records and Analysis	3
*ANMLTEC 2787T	Applied Dairy Herd Practices and Management	1
ANMLTEC 3407T	Dairy Cattle Facilities, Environment, and Equipment	3
CRPSOIL 2300T	Introduction to Soil Science	3
GENSSC 1181T	Hispanic Culture and Language in the Workplace	3
+ ELECTIVE	Technical or Applied Gen Ed	<u>3</u>
	(From approved elective lists)	<b>16</b>
<b><u>2<sup>nd</sup> Year – Spring Semester</u></b>		
*ANMLTEC 2787T	Applied Dairy Herd Practices and Management	1
ANMLTEC 2797T	Dairy Industry Seminar and Experience	1
ANMLTEC 3137T	Dairy Cattle Feeding Management	3
ANMLTEC 3157T	Dairy Cattle Genetic Improvement	3
ANMLTEC 3800T	Principles of Farm Business Management	4
or 3887T	or Integrated Dairy Farm Business Management	
+ ELECTIVE	Technical or Applied Gen Ed	<u>3</u>
	(From approved elective lists)	<b>15</b>
	<b>Total Credits</b>	<b>64</b>

Required Electives:

+ Applied General Education Electives (3 credits required from approved list) and Technical Electives (6 credits required from approved list)

\* A grade of C or better required to meet graduation requirements.



**Applied General Education Elective Options – 3 credits required:**

BUSTEC 2244T	Human Resource Management and Leadership	3
BUSTEC 2247T	Business Law	3
BUSTEC 2249T	Fundamentals of Business Finance	3

**Technical Elective Options – 6 credits required:**

**Priority Technical Electives Options:**

**BUSTEC 2244T	Human Resource Management and Leadership	3
**BUSTEC 2247T	Business Law	3
**BUSTEC 2249T	Fundamentals of Business Finance	2
CRPSOIL 2228T	Manure Management	3
CRPSOIL 2412T	Technology and Field Management of Forage Crops	3

**Additional Technical Elective Options:**

AEDECON 3141	Agricultural Cooperatives	2
ANMLTEC 2400T	Sustainable Animal Systems and Marketing <i>(Prereq: CRPSOIL 2200T)</i>	3
ANMLTEC 2707T	Dairy Cattle Presentation	1
BIOTECH 2218T	General and Applied Entomology	3
BUSTEC 2232T	Personal Selling	3
CRPSOIL 2200T	Introduction to Sustainable Agriculture	2
CRPSOIL 2201T	Sustainable Cropping Systems and Marketing <i>(Prereq: CRPSOIL 2200T)</i>	3
CRPSOIL 2210T	Sustainable Agriculture Methods <i>(Prereq: CRPSOIL 2200T)</i>	1
CRPSOIL 2301T	Introduction to Soil Science Laboratory	1
CRPSOIL 2422T	Weed Control Technology	3
CRPSOIL 2580T	Soil Fertility and Fertilizers	3
ENGTECH 2011T	Small Engine Basics	4
ENGTECH 2015T	Agricultural Equipment Operation and Maintenance	2
ENGTECH 2016T	Tillage, Planting, Harvesting, and Storage Equipment	3
ENGTECH 2240T	Welding Technology	3
ENGTECH 2324T	Engine Diagnosis and Repair <i>(Prereq: ENGTECH 2011T)</i>	3
HORTTEC 2819T	Pesticides and Their Use	3

\*\* If not used as an applied general education elective; cannot double count.