

Sinclair/Tech Prep Career Field Options for AY 2017-18

Agricultural & Environmental Systems

A0 Agribusiness & Production Systems, **A1** Industrial Power Technology, **A3** Agriculture, Food & Natural Resources Bioscience, **A5** Horticulture, **A6** Natural Resource Management

| Course | Course Name | | Semester Hours |
|----------------------------|-------------|--|----------------|
| Proficiency Credits | | | |
| ACC | 1100 | Small Business Accounting | 3 |
| EGV | 1501 | Environmental Assessment & Analysis | 3 |
| FST | 1555 | Hazardous Waste Operations & Emergency Response (HAZWOPER) | 3 |
| Articulated Credits | | | |
| AUT | 1100 | Basic Automotive Systems (A1 Industrial Power Technology ONLY) | 2 |

A2 Animal Science & Management

| Course | Course Name | | Semester Hours |
|----------------------------|-------------|--------------------------------|----------------|
| Articulated Credits | | | |
| VET | 1100 | Introduction to Animal Careers | 1 |

Sinclair CTAG Alignments

A0 Agribusiness & Production Systems, **A1** Industrial Power Technology, **A2** Animal Science & Management, **A3** Agriculture, Food & Natural Resources Bioscience, **A5** Horticulture, **A6** Natural Resource Management

| CTE Pathway | Pathway Code | ODE Course # | ODE Course Name | Sinclair Course | Sinclair Course Name | Semester Hours |
|---|------------------------|-------------------------------|-------------------------------|-----------------|-------------------------------------|----------------|
| All Agricultural & Environmental Systems Pathways | A0, A1, A2, A3, A5, A6 | No course match at this time. | No course match at this time. | CAT 1431 | OSHA Construction Standards 10 Hour | 1 |

A0 Agribusiness & Production Systems

| CTE Pathway | Pathway Code | ODE Course # | ODE Course Name | Sinclair Course | Sinclair Course Name | Semester Hours |
|-----------------------------------|--------------|--------------|---------------------------|-----------------|--|----------------|
| Agribusiness & Production Systems | A0 | 010715 | Energy Systems Management | EGV 1101 | Alternate and Renewable Energy Sources | 3 |

A2 Animal Science & Management

| CTE Pathway | Pathway Code | ODE Course # | ODE Course Name | Sinclair Course | Sinclair Course Name | Semester Hours |
|-------------------------------|--------------|--------------|-------------------------------|-----------------|---|----------------|
| Animal Science and Management | A2 | 010910 | Animal Science and Technology | VET 1120 | Introduction to Large Animal Sciences: Handling and Husbandry | 3 |
| Animal Science and Management | A2 | 072150 | Medical Terminology | HIM 1101 | Medical Terminology | 2 |

A3 Agriculture, Food & Natural Resources Bioscience

| CTE Pathway | Pathway Code | ODE Course # | ODE Course Name | Sinclair Course | Sinclair Course Name | Semester Hours |
|--|--------------|--------------|--------------------------------|-----------------|-----------------------------|----------------|
| Agriculture, Food & Natural Resources Bioscience | A3 | 012010 | Animal and Plant Biotechnology | BTN 1110 | Biotechnology and Bioethics | 3 |

A6 Natural Resource Management

| CTE Pathway | Pathway Code | ODE Course # | ODE Course Name | Sinclair Course | Sinclair Course Name | Semester Hours |
|-----------------------------|--------------|--------------|---------------------------|-----------------|--|----------------|
| Natural Resource Management | A6 | 010715 | Energy Systems Management | EGV 1101 | Alternate and Renewable Energy Sources | 3 |
| Natural Resource Management | A6 | 010717 | Solar and Wind Energy | EGV 2101 | Solar Photovoltaic Design and Installation | 3 |