

## ODE-Sinclair Credit Crosswalk: Agricultural & Environmental Systems

### Agribusiness and Production Systems (A0)

#### PROFICIENCY

ODE Course	Subject Code	Sinclair Course	Sinclair Course Name	Credit Hours	Notes
Agriculture, Food and Natural Resources	010105	AGR 1160	Introduction to Agricultural Science	1	<i>Credit can be earned via FFA membership (AA credit) OR shell curriculum completion (PR credit).</i>
Business Management for Agricultural and Environmental Systems	N/A	AGR 1200	Agricultural Economics	3	<i>After Faculty review, subject code 010115 (Business Management for Agricultural and Environmental Systems) does not align to Sinclair's AGR 1200 course. We will continue to offer as a Proficiency credit.</i>

#### CTAG

ODE Course	Subject Code	CTAN	Sinclair Course	Sinclair Course Name	Credit Hours	Notes
Energy Systems Management	10715	CTAE001 - Introduction to Alternative and Renewable Energy	EGV 1101	Alternate and Renewable Energy Sources	3	
Animal and Plant Biotechnology	012010	CTBTC001 - Biotechnology Principles	BTN 1110	Biotechnology & Bioethics	3	

### Industrial Power Technology (A1)

#### PROFICIENCY

ODE Course	Subject Code	Sinclair Course	Sinclair Course Name	Credit Hours	Notes
Agriculture, Food and Natural Resources	010105	AGR 1160	Introduction to Agricultural Science	1	<i>Credit can be earned via FFA membership (AA credit) OR shell curriculum completion (PR credit).</i>
Business Management for Agricultural and Environmental Systems	N/A	AGR 1200	Agricultural Economics	3	<i>After Faculty review, subject code 010115 (Business Management for Agricultural and Environmental Systems) does not align to Sinclair's AGR 1200 course. We will continue to offer as a Proficiency credit.</i>

### Animal Science & Management (A2)

#### PROFICIENCY

ODE Course	Subject Code	Sinclair Course	Sinclair Course Name	Credit Hours	Notes
Veterinary Science	010930	VET 1102	Introduction to Vet Technology I	3	
		VET 1202	Introduction to Vet Technology II	3	
Agriculture, Food and Natural Resources	010105	AGR 1160	Introduction to Agricultural Science	1	<i>Credit can be earned via FFA membership (AA credit) OR shell curriculum completion (PR credit).</i>
Business Management for Agricultural and Environmental Systems	N/A	AGR 1200	Agricultural Economics	3	<i>After Faculty review, subject code 010115 (Business Management for Agricultural and Environmental Systems) does not align to Sinclair's AGR 1200 course. We will continue to offer as a Proficiency credit.</i>

#### CTAG

ODE Course	Subject Code	CTAN	Sinclair Course	Sinclair Course Name	Credit Hours	Notes
Medical Terminology	072150	CTMT001 - Medical Terminology	HIM 1101	Medical Terminology	3	
Animal Science and Technology	010910	CTASM001 - Introduction to Animal Science	VET 1120	Introduction to Large Animal Sciences: Handling & Husbandry	3	

**Agriculture, Food and Natural Resources Bioscience (A3)**

**PROFICIENCY**

<i>ODE Course</i>	<i>Subject Code</i>	<i>Sinclair Course</i>	<i>Sinclair Course Name</i>	<i>Credit Hours</i>	<i>Notes</i>
Agriculture, Food and Natural Resources	010105	AGR 1160	Introduction to Agricultural Science	1	Credit can be earned via FFA membership (AA credit) OR shell curriculum completion (PR credit).

**CTAG**

<i>ODE Course</i>	<i>Subject Code</i>	<i>CTAN</i>	<i>Sinclair Course</i>	<i>Sinclair Course Name</i>	<i>Credit Hours</i>	<i>Notes</i>
Animal and Plant Biotechnology	012010	CTBTC001 - Biotechnology Principles	BTN 1110	Biotechnology & Bioethics	3	

**Horticulture (A5)**

**PROFICIENCY**

<i>ODE Course</i>	<i>Subject Code</i>	<i>Sinclair Course</i>	<i>Sinclair Course Name</i>	<i>Credit Hours</i>	<i>Notes</i>
Agriculture, Food and Natural Resources	010105	AGR 1160	Introduction to Agricultural Science	1	Credit can be earned via FFA membership (AA credit) OR shell curriculum completion (PR credit).
Business Management for Agricultural and Environmental Systems	N/A	AGR 1200	Agricultural Economics	3	After Faculty review, subject code 010115 (Business Management for Agricultural and Environmental Systems) does not align to Sinclair's AGR 1200 course. We will continue to offer as a Proficiency credit.

**Natural Resource Management (A6)**

**PROFICIENCY**

<i>ODE Course</i>	<i>Subject Code</i>	<i>Sinclair Course</i>	<i>Sinclair Course Name</i>	<i>Credit Hours</i>	<i>Notes</i>
Agriculture, Food, and Natural Resources	010105	AGR 1160	Introduction to Agricultural Science	1	Credit can be earned via FFA membership (AA credit) OR shell curriculum completion (PR credit).

**CTAG**

<i>ODE Course</i>	<i>Subject Code</i>	<i>CTAN</i>	<i>Sinclair Course</i>	<i>Sinclair Course Name</i>	<i>Credit Hours</i>	<i>Notes</i>
Energy Systems Management	10715	CTAE001 - Introduction to Alternative and Renewable Energy	EGV 1101	Alternate and Renewable Energy Sources	3	
Solar and Wind Energy	10717	CTSP001 - Solar Photovoltaics	EGV 2101	Solar Photovoltaic Design & Installation	3	

### General Tech Prep Courses for All Pathways

*The following are general tech prep courses available to all pathways but often paired with courses in this pathway. These courses may be taught by academic instructors. To see a comprehensive list of all courses available to all pathways, visit the General Course Offerings page.*

#### PROFICIENCY

ODE Course	Subject Code	Sinclair Course	Sinclair Course Name	Credit Hours	Notes
N/A		BIO 1107/1108	Human Biology w/Lab	3	
N/A		BIS 1400	Customer Service	3	
Financial Accounting	143005	ACC 1100	Small Business Accounting	3	
Business Foundations	141000	MAN 1107	Foundations of Business	3	
N/A		MAT 1130	Mathematics in Health Sciences	3	
N/A		MET 1131	Personal Computer Applications for Engineering Technology	1	

#### ARTICULATED

ODE Course	Subject Code	Sinclair Course	Sinclair Course Name	Credit Hours	Notes
A1 Industrial Power Technology ONLY	010210	AUT 1100	Automotive Technology	3	<i>Credit is earned by graduating from a secondary career technical automotive program.</i>
HAZWOPER Technician Level		FST 1555	Hazardous Waste Operations & Emergency Response (HAZWOPER)	3	<i>Please note, this course is now ARTICULATED CREDIT TYPE starting 2021- 2022. Proof of OSHA Standard 29 CFR 1910.120 or EPA 40 CFR Part 300 required for credit.</i>

#### CTAG

ODE Course	Subject Code	CTAN	Sinclair Course	Sinclair Course Name	Credit Hours	Notes
Current and valid OSHA 10-hour safety card		CTS001 - Safety	CAT 1431	OSHA Construction Standards 10 Hour	1	