## **ODE-Sinclair Credit Crosswalk: General Course Offerings**

The following are general tech prep courses available to all pathways. These courses may be taught by academic instructors.

The Johown	The Johowing are general teen prep courses available to an pathways. These courses may be taught by academic instructors.									
ARTICULATED										
ODE Course	Subject Code	Sinclair Course	Sinclair Course Name	Credit Hours	Notes					
Principles of Allied Health	072035	ALH 1130 or	Basic Life Support Training for Healthcare Provider	1	Two cards required for credit: a card for AHA Basic Life Support for Healthcare Provider AND AHA Heartsaver First Aid.					
		ALH 1132	Heartsaver First Aid, CPR & AED	1	AHA Heartsaver First Aid, CPR/AED card required for credit.					

	PROFICIENCY									
ODE Course	Subject Code	Sinclair Course	Sinclair Course Name	Credit Hours	Notes					
N/A	Α	BIO 1107/1108	Human Biology w/Lab	3						
					PR credit is earned by completing shell content. AA credit is earned by providing proof of Microsoft Office Specialist (MOS)					
N/	A	BIS 1120	Introduction to Software Applications	3	certification.					
N/	A	BIS 1201	Keyboarding & Document Formatting	3						
N/	A	BIS 1400	Customer Service	3						
Business Foundations	141000	MAN 1107	Foundations of Business	3						
N/A	4	MAT 1110	Math for Technologists	3						
N/A	4	MAT 1120	Business Mathematics	3						
N/A	4	MAT 1130	Mathematics in Health Sciences	3						
N/A	4	MET 1131	Personal Computer Applications for Engineering Technology	1						

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

ODE-Sinclair Credit Crosswalk: Agricultural & Environmental Systems									
Agribusiness and Production Systems (A0)									
		PROFICIE	NCY						
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	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.				

	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	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.						

Animal Science & Management (A2)											
	PROFICIENCY										
ODE Course	Subject Code	Sinclair Course	Sinclair Course Name	Credit	Notes						
		VET 1102	Introduction to Vet Technology I	Hours							
Veterinary Science	010930	VET 1202	Introduction to Vet Technology II	3							
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.						

	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									
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	Credit can be earned via FFA membership (AA credit) OR shell curriculum completion (PR credit).				

			CTA	G .		
005.0	Subject	CT444			Credit	
ODE Course	Code	CTAN  CTBTC001 -	Sinclair Course	Sinclair Course Name	Hours	Notes
Animal and Plant Biotechnology	012010	Biotechnology Principles	BTN 1110	Biotechnology & Bioethics	3	
			Horticultu			
ODE Course	5	ubject Code	Sinclair Course	Sinclair Course Name	Credit Hours	Notes
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.
		Natura	l Pasaurca N	Nanagement (A6)		
		Ivatura	PROFICI			
ODE Course	9	Subject Code	Sinclair Course	Sinclair Course Name	Credit	Notes
Agriculture, Food, and Natural Resources		010105	AGR 1160	Introduction to Agricultural Science	Hours 1	Credit can be earned via FFA membership (AA credit) OR shell curriculum completion (PR credit).
						creaitj.
	Cubinet		CTA	<b>G</b>	Condit	
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	
Solar and Wind Energy	10717	CTSP001 - Solar Photovoltaics	EGV 2101	Solar Photovoltaic Design & Installation	3	
		General Te	ch Prep Cou	rses for All Pathways		
The following are general tech prep courses available to all pathway	s but often pair	ed with courses in this pathw	ay. These courses mo Offerings		of all cours	es available to all pathways, visit the General Course
			PROFICI			
ODE Course	5	ubject 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 Personal Computer Applications for Engineering	3	
N/A			MET 1131	Technology	1	
			ARTICUL	ATED		
ODE Course	9	ubject Code	Sinclair Course	Sinclair Course Name	Credit Hours	Notes
A1 Industrial Power Technology ONLY		010210	AUT 1100	Automotive Technology	3	Credit is earned by graduating from a secondary career technical automotive program.
HAZWOPER Technician Le	vel		FST 1555	Hazardous Waste Operations & Emergency Response (HAZWOPER)	3	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.
			CTA	G		
	Subject		CIA		Credit	

Credit Hours

Notes

Sinclair Course Name

OSHA Construction Standards 10 Hour

Subject Code

CTAN

CTS001 - Safety

Sinclair Course

CAT 1431

ODE Course

Current and valid OHSA 10-hour safety card

	ODE-Sinclair Credit Crosswalk: Arts and Communication								
	Media Arts (B0)								
		P	PROFICIENCY						
ODE Course	Subject Code	Sinclair	Sinclair Course Name	Credit	Notes				
ODE Course	Subject code	Course	Sinciali Course Name	Hours	Notes				
Media Arts Writing	340115 or	JOU 2203	Reporting and Writing for Media	3					
Multi-Media Web Production	340160	JOU 2203	Reporting and Writing for Media	3					
N/A	N/A JOU 2101 Introduction to Journalism 3 Course was removed 20-21, but added back with new format 2021-2022.								
	Performing Arts (B1)								
		No curi	rent credit options	•					

	Visual Design and Imaging (B2)										
	PROFICIENCY										
ODE Course	Subject Code	Sinclair Course	Sinclair Course Name	Credit Hours	Notes						
N/A	N/A	CIS 1350	Web Site Development with HMTL and CSS	3							
N/A	N/A	VIS 1100	Design Foundations	4	Credit granted via portfolio review & eLearn shell content completion						
N/A	N/A	VIS 1110	Design Drawing	4	Credit granted via portfolio review & eLearn shell content completion						
N/A	N/A	VIS 1140	Design Processes I	4	Credit granted via portfolio review & eLearn shell content completion						
N/A	N/A	VIS 1250	Print Production	4	Credit granted via portfolio review & eLearn shell content completion						

CTAG								
ODE Course	Subject Code	CTAN	Sinclair Course	Sinclair Course Name	Credit Hours	Notes		
Advertising and Communications	340340	CTVDI002 - Fundamentals of Advertising and Communication	MRK 2102	Principles of Advertising	3			

General Courses- 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	Sinclair Course Name	Credit	Notes				
ODE Course	Subject code	Course	Sinciali Course Name	Hours	Notes				
N/A	·	BIS 1400	Customer Service	3					
N/A		MAT 1120	Business Mathematics	3					

	ODE-Sinclair Cred		acimoso, i manoe, inameni	-0	
	Bu	siness & Administrat	tive Services (C4)		
		PROFICIEN	CY		
ODE Course	Subject Code	Sinclair Course	Sinclair Course Name	Credit Hours	Notes
International Business	141035	MAN 1110	International Business	3	
Marketing Principles	144000	MRK 2100	Foundations of Marketing	3	
Professional & Technical Sales	144030	MRK 2225	Sales Fundamentals	3	
Financial Accounting	143005	ACC 1100	Small Business Accounting	3	
Finance Foundations	143000	FIN 2450	Personal Finance	3	**There is a Personal Finance CTAG for the For and Consumer Science Pathway. That CTAG is a approved for this subject code, so this course w remain a Proficiency option on bilateral agreer
Lluman Dasauras Managament	142035	MAN 2140	Human Dasauras Managamant	3	until changes are made by the state.
Human Resource Management	142033	CTAG	Human Resource Management	3	
225.0	7 - 1 - 1 - 2 - 2		6. 1. 6. 11		
ODE Course	Subject Code CTAN	Sinclair Course	Sinclair Course Name	Credit Hours	Notes
Supply Chain Management	CTSCM001 - Introduction Supply Chain Manageme Technology		Supply Chain Management Concepts and Applications	3	
Medical Office Management	142015 CTMMS001 - Medical Offi Procedures	BIS 2180	Medical Office Simulation	3	
Medical Terminology	072150 CTMT001 - Medical Terminology	HIM 1101	Medical Terminology	3	
		Finance (	G2)		
		PROFICIEN	CY		
ODE Course	Subject Code			Condition	Notes
ODE Course	-	Sinclair Course	Sinclair Course Name	Credit Hours	Notes
Financial Accounting	143005	ACC 1100	Small Business Accounting	3	
International Business	141035	MAN 1110	International Business	3	
Marketing Principles	144000	MRK 2100	Foundations of Marketing	3	
Professional & Technical Sales	144030	MRK 2225	Sales Fundamentals	3	
Finance Foundations	143000	FIN 2450	Personal Finance	3	**There is a Personal Finance CTAG for the Far and Consumer Science Pathway. That CTAG is approved for this subject code, so this course w remain a Proficiency option on bilateral agreer until changes are made by the state.
		Marketing			
		PROFICIEN	CY		
ODE Course	Subject Code	Sinclair Course	Sinclair Course Name	Credit Hours	Notes
Marketing Principles	144000	MRK 2100	Foundations of Marketing	3	
Professional & Technical Sales	144030	MRK 2225	Sales Fundamentals	3	
International Business	141035	MAN 1110	International Business	3	
Human Resource Management	142035	MAN 2140	Human Resource Management	3	
Finance Foundations	143000	FIN 2450	Personal Finance	3	**There is a Personal Finance CTAG for the Far and Consumer Science Pathway. That CTAG is approved for this subject code, so this course v remain a Proficiency option on bilateral agree until changes are made by the state.
ODE Course	Subject Code CTAN	Sinclair Course	Sinclair Course Name	Credit Hours	Notes
ODL COUISE	Subject code CTAIN		Sincial Course Name	Creat Hours	Notes
Supply Chain Management	142025 CTSCM001 - Introduction Supply Chain Manageme Technology		Supply Chain Management Concepts and Applications	3	
	142025 Supply Chain Manageme Technology	MAN 2159  General Courses- A	Applications  All Pathways		
	142025 Supply Chain Manageme Technology	General Courses - A  southway. These courses may be tou page.	Applications  All Pathways ght by academic instructors. To see a comprehensive list		ble to all pathways, visit the General Course Offe
owing are general tech prep courses available	142025 Supply Chain Manageme Technology  to all pathways but often paired with courses in this p	General Courses - A page.  PROFICIEN  MAN 2159	Applications  All Pathways  Ight by academic instructors. To see a comprehensive list	of all courses availa	
owing are general tech prep courses available  ODE Course	142025 Supply Chain Manageme Technology  to all pathways but often paired with courses in this p  Subject Code	General Courses - A page. PROFICIEN Sinclair Course	Applications  All Pathways  Ight by academic instructors. To see a comprehensive list  CY  Sinclair Course Name	of all courses availa.  Credit Hours	ble to all pathways, visit the General Course Offe  Notes
owing are general tech prep courses available ODE Course Business Foundations	142025 Supply Chain Manageme Technology  to all pathways but often paired with courses in this p	General Courses - A page.  PROFICIEN  MAN 2159	Applications  All Pathways  Ight by academic instructors. To see a comprehensive list	of all courses availa	Notes  PR credit is earned by completing shell content. AA credit is earned by providing of Microsoft Office Specialist (MOS)
owing are general tech prep courses available  ODE Course  Business Foundations	142025 Supply Chain Manageme Technology  to all pathways but often paired with courses in this p  Subject Code 141000	General Courses - A  outhway. These courses may be tou page.  PROFICIEN  Sinclair Course MAN 1107  BIS 1120	Applications  All Pathways  Ight by academic instructors. To see a comprehensive list  CY  Sinclair Course Name  Foundations of Business  Introduction to Software Applications	of all courses availa  Credit Hours 3	Notes  PR credit is earned by completing shell content. AA credit is earned by providing
owing are general tech prep courses available  ODE Course  Business Foundations	142025 Supply Chain Manageme Technology  to all pathways but often paired with courses in this p  Subject Code  141000	General Courses - A pathway. These courses may be tau page. PROFICIEN Sinclair Course MAN 1107	Applications  All Pathways  Ight by academic instructors. To see a comprehensive list  CY  Sinclair Course Name  Foundations of Business	of all courses availa  Credit Hours  3	Notes  PR credit is earned by completing shell content. AA credit is earned by providing of Microsoft Office Specialist (MOS)

	ODE-	Sinclair Cred	it Cross	swalk: Construction Tech	nologi	ies
Structural System				Plumbing (DE), and Construction		
				PROFICIENCY		
ODE Course	S	ubject Code	Sinclair Course	Sinclair Course Name	Credit Hours	Notes
Principles of Wood Construction		178030	CAT 1701	Construction Craft Skills/Concrete	4	Please note, this course credit type changed from AA to PR 20-21 AY. eLearn shell content must be completed in order to earn credit for this course.
Structural Systems		178003	CAT 1721	Structural Framing Systems	4	Please note, this course credit type changed from AA to PR 20-21 AY. eLearn shell content must be completed in order to earn credit for this course.
Construction Electrical Systems Residential Electrical Systems		178007 178008	CAT 1741	Residential Electrical Systems	3	
·	Masonry-Brick & Block 178005					
Concrete & Residential Masonry		178006	CAT 1761	Interior & Exterior Finishes	3	
Construction Pre- Apprenticeship/Capstone		178029	CAT 1781	Construction Project	4	
Construction Management		178022	CAT 2401	Engineering Technology Project	3	
Plan Reading and Estimating		178019	CAT 1401	Management Construction Estimating	3	
Tidii ileddiiig diid Estillidiiig		170013	CAT 1401	Construction Estimating		1
			a	ARTICULATED	l o	
ODE Course	S	ubject Code	Sinclair Course	Sinclair Course Name	Credit Hours	Notes
N/A			CAT 1810	Construction Techniques I (NCCER Core or Career Connections)	3	To earn this AA credit, students must provide proof of either NCCER Core or Career Connections Level 1 and II.
N/A	1		CAT 1820	Construction Techniques II (NCCER Level 1 or Career Connections)	3	To earn this AA credit, students must provide proof of either NCCER Carpentry Level 1 or Career Connections Level III.
N/A	1		CAT 1830	Construction Techniques III (NCCER Level 2)	3	NEW! To earn this AA credit, students must provide proof of either NCCER Level 2 or Career Connections Level III.
N/A	1		EET 1181	Electrical Construction I (NCCER Electrical Level 1)	2	Proof of NCCER Electrical Level 1 required for credit.
				****		
	Subject	1	Sinclair	CTAG	Credit	
ODE Course	Code	CTAN	Course	Sinclair Course Name	Hours	Notes
Carpentry & Masonry Technical Skills	178001	CTCON003 - Construction Methods and Materials	CAT 1201	Construction Methods and Materials	3	
Current and valid OHSA 10-hour sa	fety card	CTS001 - Safety	CAT 1431	OSHA 10 Hour Safety	1	
Construction Safety & Crew Leadership AND  Obtain a valid OSHA 30 hour card in construction	178018 n general	CTCON002 - Construction Safety	CAT 2431	Occupational Safety and Health Administration (OSHA)	2	Must pass WebXam AND receive certification to receive credit
Plan Reading	178019	CTCON001 - Plan Reading	CAT 1141	Architectural Blueprint Reading	2	
Alternative Power Generation Systems	10715	CTAE001 - Introduction to Alternative and Renewable Energy	EGV 1101	Alternate & Renewable Energy Sources	3	
				ep Courses for All Pathways		
The following are general tech prep courses as	ailable to all po			's pathway. These courses may be taught by academic i he General Course Offerings page.	nstructors. T	o see a comprehensive list of all courses available to all
				PROFICIENCY		
ODE Course	S	ubject Code	Sinclair Course	Sinclair Course Name	Credit Hours	Notes
N/A	1		BIS 1400	Customer Service	3	
N/A			MET 1131	Personal Computer Applications for Engineering Technology	1	
N/A			MAT 1110	Math for Technologists	3	1

		ODE-Sinclair Cre	dit Cross	walk: Education & Traini	ng	
		Ea	rly Childhoo	d Education (E0)		
				TAG		
ODE Course	Subject Code	CTAN	Sinclair Course	Sinclair Course Name	Credit Hours	Notes
Early Childhood Education Principles	350205	CTECE001 - Introduction to Education	ECE 1100	Introduction to Early Childhood Education	3	
Health, Safety and Nutrition	350230	CTECE002 - Health, Safety, and Nutrition	ECE 1202	Healthy and Safe Environments	3	
Infant and Toddler Education	350210	CTECE003 - Infant and Toddler Curriculum	ECE 2302	Infant and Toddler Curriculum	3	
			Teaching Pr	ofessions (E1)		
			C	TAG		
ODE Course	Subject Code	CTAN	Sinclair Course	Sinclair Course Name	Credit Hours	Notes
Education Principles	350010	CTEDU007 - Introduction to Education	EDU 1100	Introduction to Education	3	
		General '	Tech Prep Co	ourses for All Pathways		
The following are general tech prep course	es available to all pati	hways but often paired with courses in		courses may be taught by academic instructors. To se e Offerings page.	e a comprehensive	list of all courses available to all pathways, visit the
			PROF	ICIENCY		
ODE Course		Subject Code	Sinclair Course	Sinclair Course Name	Credit Hours	Notes
	N/A		BIS 1400	Customer Service	3	
	N/A		MAT 1120	Business Mathematics	3	
	N/A		BIO 1107/1108	Human Biology w/Lab	3	
			ARTC	ULATED		
ODE Course		Subject Code	Sinclair Course	Sinclair Course Name	Credit Hours	Notes
Principles of Allied Health		072035	ALH 1130 or	Basic Life Support Training for Healthcare Provider	1	Two cards required for credit: a card for AHA Basic Life Support for Healthcare Provider AND AHA Heartsaver First Aid.
,			ALH 1132	Heartsaver First Aid, CPR & AED	1	AHA Heartsaver First Aid, CPR/AED card required for credit.

ODE	-Sinclair Credit C	rosswalk:	Engineering & Science T	echn	ologies
		Engineerir	ng and Design (F6)		
		PROFIC	IENCY NON-PLTW		
ODE Course	Subject Code	Sinclair Course	Sinclair Course Name	Credit Hours	Notes
Plan Reading and Estimating	178019	CAT 1401	Construction Estimating	3	
N/A		CAM 1107	Principles of Manufacturing	3	Please note, this course credit type changed from AA to PR 20-21 AY. eLearn shell content must be completed in order to earn credit for this course.
~Machine Tools	~176004	CAM 1109	Fundamentals of Tooling and Machining	3	Please note, this course credit type changed from AA to PR 20-21 AY. eLearn shell content must be completed in order to earn credit for this course.
N/A		CAM 1110	Advanced Machine Operations	3	Course syllabi and resources available to all instructors in the CAM Community on eLearn (contact your Pathway Manager for access). A student must be able to grind square and parallel to within ±0.0004 and be able to show this ability along with a letter of suppor from their instructor.
		PRO	FICIENCY PLTW		
ODE Course	Subject Code	Sinclair Course	Sinclair Course Name	Credit Hours	Notes
N/A-Project Lead The Way (PLTW)	N/A	CAT 1161	Project Lead the Way: Introduction to Civil & Architectural Technology (CEA)	2	This course can only be captured via PLTW with scale score of 420 or stanine of 6. Both instructor and students MUST be PLTW.
N/A-Project Lead The Way (PLTW)	N/A	MET 1231	1231 Introduction to Engineering Design Using 3D CAD		This course can only be captured via PLTW with scale score of 410 or stanine of 6. Both instructor and students MUST be PLTW.
		Δ	RTICULATED		
ODE Course	Subject Code	Sinclair Course	Sinclair Course Name	Credit Hours	Notes
N/A		MET 1301	*SolidWorks Basics	4	Proof of Solidworks certification required for credit.

				CTAG		
ODE Course	Subject Code	CTAN	Sinclair Course	Sinclair Course Name	Credit Hours	Notes
Manufacturing Operations	175003	CTMET004 - Manufacturing Processes	OPT 2205	Manufacturing Processes	3	
Computer Integrated Manufacturing	175006	CTMET005 - Computer Aided Drafting and Design (CADD)	MET 1371	CAD Concepts Using AutoCAD	3	
Digital Electronics	175007	CTEET002 - Digital Electronics	EET 1131	Digital Electronics	5	
DC Electronic Circuits	175105	CTEET001 - DC Circuits	EET 1150	DC Circuits	4	
Energy Systems Management	10715	CTAE001 - Introduction to Alternative and Renewable Energy	EGV 1101	Alternate and Renewable Energy Sources	3	
Plan Reading	178019	CTCON001 - Plan Reading	CAT 1141	Architectural Blueprint Reading	2	
Computer Software	145030	CTIT005 - Intro Desktop O.S.	CIS 1107	Introduction to Operating Systems	3	
C	145030 and	CTIT011 - MS Windows Desktop OS	CIS 1510	CIS 1510 Windows Client Operating System	3	
Network Operating Systems	145040	Безкюр оз				
Computer Software	145030 and	CTIT014 - PC Operating	010 0704			
Computer Hardware	145025	System/A+	CIS 2731	A+ Hardware & Software	4	
		General 1	Tech Prep	Courses for All Pathways		
The following are general tech prep courses a	vailable to all po	athways but often paired with	n courses in this	·	nstructors.	To see a comprehensive list of all courses available to
			P	ROFICIENCY		
ODE Course		Subject Code	Sinclair Course	Sinclair Course Name	Credit Hours	Notes
N/	Ά		BIS 1400	Customer Service	3	
N/			MET 1131	Personal Computer Applications for Engineering Technology	1	
N/	A		MAT 1110	Math for Technologists  CTAG	3	
ODE Course	Subject Code	CTAN	Sinclair Course	Sinclair Course Name	Credit Hours	Notes

Current and valid OHSA 10-hour safety card

CTS001 - Safety

CAT 1431

OSHA 10 Hour Safety

				k: Health Science		
		Exercise Science	and Sports			
	<u> </u>		PROFICIENCY		Credit	
ODE Course		Subject Code	Sinclair Course	Sinclair Course Name	Hours	Notes
Health Science and Technology  Nutrition and Wellness		072001 072015	ALH 1101 DIT 1111	Introduction to Healthcare Delivery  Nutrition for Health and Fitness	3	NEW!!
	l .					
			ARTICULATED		Credit	
ODE Course		Subject Code	Sinclair Course	Sinclair Course Name	Hours	Notes
Principles of Allied Health		072035	ALH 1130 or	Basic Life Support Training for Healthcare Provider	1	Two cards required for credit: a card for AHA Basic Life Support for Healthcare Provider AND AHA Heartsaver First Aid.
			ALH 1132	Heartsaver First Aid, CPR & AED	1	AHA Heartsaver First Aid, CPR/AED card required for credit.
Patient Centered Care and Diagnostics		072055	ALH 1120	Nurse Aide Training	4	Proof of STNA Certification required for credit.
			CTAG			
005 6-111-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	Cubinal C	CT***		Cinclain Co.	Credit	
ODE Course and Subject Code	Subject Code	CTAN	Sinclair Course	Sinclair Course Name	Hours	Notes
Medical Terminology	072150	CTMT001 - Medical Terminology	HIM 1101	Medical Terminology	3	
Exercise and Athletic Training	072000 CTES001 - Introduction to Exercise Science		ENS 1116	Introduction to Exercise Science & Health Promotion	3	
Fitness Evaluation and Assessment	072020	CTES002 - Fitness and Health Foundations	ENS 1118	Lifetime Physical Fitness and Wellness	3	
		Allied Health and N	ursing - Dan	tal Assisting (IM)		
			PROFICIENCY	tal Assisting (SW)		
ODE Course		Subject Code	Sinclair Course	Sinclair Course Name	Credit Hours	Notes
Health Science and Technology		072001	ALH 1101	Introduction to Healthcare Delivery	2	
Nutrition and Wellness		072015	DIT 1111	Nutrition for Health and Fitness	3	NEW!!
N/A			DEH 1102	Introduction to Dental Hygiene	1	Cost per student associated with this course.  Please contact Candice Flowers-Taylor (candice.flowers-tayl@sinclair.edu) for specifics.
			ARTCULATED			
ODE Course		Subject Code	Sinclair Course	Sinclair Course Name	Credit Hours	Notes
Principles of Allied Health		072035	ALH 1130 or	Basic Life Support Training for Healthcare Provider	1	Two cards required for credit: a card for AHA Basic Life Support for Healthcare Provider AND AHA Heartsaver First Aid.
· · · · · · · · · · · · · · · · · · ·		0,2333	ALH 1132	Heartsaver First Aid, CPR & AED	1	AHA Heartsaver First Aid, CPR/AED card required for credit.
Patient Centered Care and Diagnostics		072055	ALH 1120	Nurse Aide Training	4	Proof of STNA Certification required for credit
			CTAG			
005.0-	Subject	CT***		Cinclain Co.	Credit	
ODE Course	Code	CTAN	Sinclair Course	Sinclair Course Name	Hours	Notes
Medical Terminology	072150	CTMT001 - Medical Terminology	HIM 1101	Medical Terminology	3	
Health Information Technology	72135	CTHIM001 - Intro to Health Information Management	HIM 1110	Health Information Processing	2	
CTHIM002 - Legal and Ethical Health Information Management 72140 Aspects of Health Information			HIM 1204	Medicolegal & Ethics in Healthcare Records	2	
I						

		Med	dical Assistin	g		
	Subject		CTAG		Credit	
ODE Course	Code	CTAN  CTMAT004 - Basic Administrative	Sinclair Course	Sinclair Course Name	Hours	Notes
		Functions	MAS 1110	Administrative Medical Assisting I	2	
		CTMAT005 - Perform Bookkeeping Functions				
		CTMAT006 - Process Insurance Claims  MAS 1102		Clinical Medical Assisting I		
		CTMAT008 - Fundamental Procedures				
	CTMATO		MAS 2201	Clinical Medical Assisting III	4	
		CTMAT010 - Diagnostic Testing			3	
	CTMAT011 - Patient		MAS 2210	Medical Billing Specialist	3	
		Medica	al Bioscience	· (10)		
			PROFICIENCY			
ODE Course	ODE Course Subject Code		Sinclair Course	Sinclair Course Name	Credit Hours	Notes
Health Science and Technology		072001		Introduction to Healthcare Delivery	2	
			BIO 1107/1108	Human Biology w/Lab	3	
		BTN 1120	Laboratory Safety & Regulatory Compliance	2	Please note, this course credit type change from AA to PR 20-21 AY. eLearn shell conte must be completed in order to earn credit fo this course.	
			ARTCULATED			
ODE Course	ODE Course Subject Code		Sinclair Course	Sinclair Course Name	Credit Hours	Notes
Principles of Allied Health		072035	ALH 1130 or	Basic Life Support Training for Healthcare Provider	1	Two cards required for credit: a card for AH Basic Life Support for Healthcare Provider AND AHA Heartsaver First Aid.
			ALH 1132	Heartsaver First Aid, CPR & AED	1	AHA Heartsaver First Aid, CPR/AED card required for credit.
			CTAG			
ODE Course	Subject Code	CTAN	Sinclair Course	Sinclair Course Name	Credit Hours	Notes
		CTMT001 Modical Terminology				
Medical Terminology	072150 CTMT001 - Medical Terminology  012010 CTBTC001 - Biotechnology		HIM 1101	Medical Terminology	3	
Medical Terminology  Animal and Plant Biotechnology			HIM 1101 BTN 1110	Medical Terminology  Biotechnology & Bioethics	3	Now CTAG! (Previously proficiency)
		CTBTC001 - Biotechnology Principles  Health Inform	BTN 1110	Biotechnology & Bioethics		Now CTAG! (Previously proficiency)
Animal and Plant Biotechnology		CTBTC001 - Biotechnology Principles  Health Inform	BTN 1110  ation Manager PROFICIENCY	Biotechnology & Bioethics  gement (J7)	3	
Animal and Plant Biotechnology  ODE Course		CTBTC001 - Biotechnology Principles  Health Inform  Subject Code	ation Manager PROFICIENCY  Sinclair Course	Biotechnology & Bioethics  gement (J7)  Sinclair Course Name	3 Credit Hours	Now CTAG! (Previously proficiency)  Notes
Animal and Plant Biotechnology		CTBTC001 - Biotechnology Principles  Health Inform	BTN 1110  ation Manager PROFICIENCY	Biotechnology & Bioethics  gement (J7)	3 Credit	
Animal and Plant Biotechnology  ODE Course		CTBTC001 - Biotechnology Principles  Health Inform  Subject Code  072001	ation Manager PROFICIENCY  Sinclair Course	Biotechnology & Bioethics  gement (J7)  Sinclair Course Name	Credit Hours	
Animal and Plant Biotechnology  ODE Course		CTBTC001 - Biotechnology Principles  Health Inform  Subject Code  072001	ation Manag PROFICIENCY Sinclair Course ALH 1101	Biotechnology & Bioethics  gement (J7)  Sinclair Course Name	3 Credit Hours	Notes Notes
Animal and Plant Biotechnology  ODE Course  Health Science and Technology  ODE Course		CTBTC001 - Biotechnology Principles  Health Inform  Subject Code  072001  Subject Code	ation Manag PROFICIENCY  Sinclair Course ALH 1101  ARTICULATED	Biotechnology & Bioethics  gement (J7)  Sinclair Course Name  Introduction to Healthcare Delivery	Credit Hours 2 Credit	Notes
Animal and Plant Biotechnology  ODE Course  Health Science and Technology		CTBTC001 - Biotechnology Principles  Health Inform  Subject Code  072001	ation Manag PROFICIENCY  Sinclair Course ALH 1101  ARTICULATED  Sinclair Course	Biotechnology & Bioethics  gement (J7)  Sinclair Course Name  Introduction to Healthcare Delivery  Sinclair Course Name  Basic Life Support Training for Healthcare	Credit Hours 2 Credit Hours	Notes  Notes  Two cards required for credit: a card for AH Basic Life Support for Healthcare Provider

			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			
Legal and Ethical Aspects of Health Information Management	072140	CTHIM002 - Legal and Ethical Aspects of Health Information Management	HIM 1204	Medicolegal & Ethics in Healthcare Records	2			
Health Information Technology	72135	CTHIM001 - Intro to Health Information Management	HIM 1110	Health Information Processing	2			
The following are general tech prep courses available to all p	oathways but of	Cou	ırse Offerings page.	aught by academic instructors. To see a comprehensive	e list of all	courses available to all pathways, visit the General		
ODE Course		Subject Code	PROFICIENCY Sinclair Course	Sinclair Course Name	Credit	Notes		
N/A			BIS 1400	Customer Service	Hours 3			
N/A			MAT 1130	Mathematics in Health Sciences	3			
N/A	ı		BIO 1107/1108	Human Biology w/Lab	3			
			CTAG					
ODE Course	Subject Code	CTAN	Sinclair Course	Sinclair Course Name	Credit Hours	Notes		

		<b>ODE-Sinclair Cred</b>	lit Crosswa	alk: Hospitality and Tourism		
			Culinary	Arts (L0)		
			PROFIC	CIENCY		
ODE Course		Subject Code	Sinclair Course	Sinclair Course Name	Credit Hours	Notes
N/A		N/A	MAT 1125	Math for the Culinary Arts Baking and Pastry Arts Professional	3	
Baking and Pastry Arts		330125	HMT 1126	Baking I	2	
N/A		N/A	HMT 2227	Hospitality Marketing	2	
N/A		N/A	HMT 2201	Food Service Equipment, Design and Maintenance	2	
			СТ	AG		
ODE Course	Subject Code	CTAN	Sinclair Course	Sinclair Course Name	Credit Hours	Notes
Fundamentals of Food Production	330100	CTCF005 - Food Production Laboratory	HMT 1101	Basic Culinary Skills	2	
Hospitality Fundamentals	330000	CTCF002 -Introduction to Hospitality and Tourism	HMT 1105	Introduction to the Hospitality and Tourism Industry	2	
ServSafe® Manager Certific	ation	CTCF001 - Sanitation and Safety	HMT 1107	Sanitation and Safety	2	
Restaurant Management	330120	CTCF009 - Food Principles & Purchasing	HMT 2226	Hospitality Purchasing and Negotiations	2	
			Hospita	lity (L1)		
			PROFIC	CIENCY		
ODE Course		Subject Code	Sinclair Course	Sinclair Course Name	Credit Hours	Notes
			HMT 1148	Meeting and Events Contracts and Obligations	1	
Event and Food Planning		330021	HMT 1149	Meetings and Events Set-Up and Breakdown	2	
	,		СТА	AG		
ODE Course and Subject Code	Subject Code	CTAN	Sinclair Course	Sinclair Course Name	Credit Hours	Notes
Hospitality Fundamentals	330000	CTCF002 -Introduction to Hospitality and Tourism	HMT 1105	Introduction to the Hospitality and Tourism Industry	2	
ServSafe® Manager Certific	ation	CTCF001 - Sanitation and Safety	HMT 1107	Sanitation and Safety	2	
Hospitality Management	330035	CTCF007 - Technology in the Hospitality Industry	HMT 1137	Hospitality Industry Computer Systems	2	
Front Office Management and	220020	CTCF008 - Front Office	HMT 1136	Front Office Operations	3	No. 1
Operations	330030	Operations and Housekeeping	HMT 1139	Housekeeping Management	3	New!
	•	General	Tech Prep Cou	urses for All Pathways		
The following are general tech prep courses	available to all path		•	es may be taught by academic instructors. To see a comprehensive list	of all courses available	e to all pathways, visit the General
			PROFIC			
ODE Course		Subject Code	Sinclair Course	Sinclair Course Name	Credit Hours	Notes
	N/A		BIS 1400	Customer Service	3	

	ODE-Sinclair Credit Crosswalk: Human Services									
	Cosmetology (M1)									
			PROFICIENCY							
ODE Course	Subject Code	Sinclair Course	Sinclair Course Name	Credit Hours	Notes					
Financial Accounting	143005	ACC 1100	Small Business Accounting	3						
General Tech Prep Courses for All Pathways										
The following are general tech prep courses a		•	vays, visit the General Course Offerings page.	y academic	instructors. To see a comprehensive list of all courses					
			PROFICIENCY							
ODE Course	Subject Code	Sinclair Course	Sinclair Course Name	Credit Hours	Notes					
Business Foundations	141000	MAN 1107	Foundations of Business	3						
N/A		BIS 1120	Introduction to Software Applications	3	PR credit is earned by completing shell content. AA credit is earned by providing proof of Microsoft Office Specialist (MOS) certification.					
N/A		BIS 1201	Keyboarding & Document Formatting	3						
N/A	·	BIS 1400	Customer Service	3						
N/A	·	MAT 1120	Business Mathematics	3						

	U			: Information Technology	7	
		Information :		and Services (N0)		
	1		PROFICIEN	ICY	ı	T
ODE Course		Subject Code	Sinclair Course	Sinclair Course Name	Credit Hours	Notes
N/A		N/A	CIS 2165	Database Management	3	
N/A		N/A	CIS 1350 CTAG	Web Site Development with HTML & CSS	3	
			Sinclair		1	
ODE Course	Subject Code	CTAN	Course	Sinclair Course Name	Credit Hours	Notes
Networking	145035 and	CTIT002 - Networking/CompTIA	CIS 1130	Network Fundamentals	3	
Network Management	145045	Network +				
Computer Software	145030	CTIT005 - Intro Desktop O.S.	CIS 1107	Introduction to Operating Systems	3	
Network Security	145050	CTIT006 - Intro to User Support	CIS 2711	Enterprise Desktop Support Technician	3	
<u> </u>		CTIT015 - CompTIA Security +	CIS 2640	Network Security	3	
N/A	Certificate	CTIT007 - Cisco Exploration I	CIS 1411	Introduction to Networks	3	
N/A	Certificate	CTIT008 - Cisco Exploration II	CIS 2416	Routing & Switching Essentials	4	
N/A	Certificate	CTIT009 - Cisco Exploration III	CIS 2421	Scaling Networks	4	
N/A	Certificate	CTIT010 - Cisco Exploration IV	CIS 2426	Connecting Networks	4	
Computer Software  Network Operating Systems	145030 and 145040	CTIT011 - MS Windows Desktop OS	CIS 1510	Windows Client Operating System	3	
Network Operating Systems	145040	CTIT013 - MS Server Administration	CIS 2510	Microsoft Windows Server Operating System	3	
5.7		CTIT016 - Linux	CIS 2550	Linux Operating System	3	
Computer Software Computer Hardware	145030 and 145025	CTIT014 - PC Operating System/A+	CIS 2731	A+ Hardware & Software	4	
Programming	145060	CTPROG001 - Computer Logic	CIS 1111	Intro to Problem Solving & Computer Programing	3	
		CTPROG003 - C++ Programming	CIS 1202	C++ Software Development	3	NEW!
Object Oriented Programming	145065	CTPROG002 - Java Programming	CIS 2212	Java Software Development I	3	
	l	Inter	active M	,		
			PROFICIEN	ICY		
ODE Course		Subject Code	Sinclair Course	Sinclair Course Name	Credit Hours	Notes
N/A		N/A	CIS 1350	Web Site Development with HTML & CSS	3	
N/A		N/A	VIS 1100	Design Foundations	4	Credit granted via portfolio review eLearn shell content completion
N/A		N/A	VIS 1110	Design Drawing	4	Credit granted via portfolio revieve eLearn shell content completion
N/A		N/A	VIS 1140	Design Processes I	4	Credit granted via portfolio revieve eLearn shell content completion
N/A	N/A		VIS 1250	Print Production	4	Credit granted via portfolio reviewe Learn shell content completion
			CTAG		l .	silen seritetti completion
ODE Course	Subject Code	CTAN	Sinclair Course	Sinclair Course Name	Credit Hours	Notes
Programming	145060	CTPROG001 - Computer Logic	CIS 1111	Intro to Problem Solving & Computer Programing	3	
Object Oriented Programming	145065	CTPROG003 - C++ Programming	CIS 1202	C++ Software Development	3	NEW!
,	1	CTPROG003 - C++ Programming	CIS 1202	C++ Software Development	3	NEW!
Object Oriented Programming	145065	CTPROG002 - Java Programming	CIS 2212	Java Software Development I	3	

		Ne	etworking	g (N2)		
			PROFICIEN	ICY		
ODE Course	Subject Code		Sinclair Course	Sinclair Course Name	Credit Hours	Notes
N/A		N/A	CIS 2165	Database Management	3	
N/A		N/A	CIS 1350	Web Site Development with HTML & CSS	3	
			CTAG			
ODE Course	Subject Code	CTAN	Sinclair Course	Sinclair Course Name	Credit Hours	Notes
Networking Network Management	145035 and 145045	CTIT002 - Networking/CompTIA Network +	CIS 1130	Network Fundamentals	3	
Computer Software	145030	CTIT005 - Intro Desktop O.S.	CIS 1107	Introduction to Operating Systems	3	
Network Security	145050	CTIT006 - Intro to User Support	CIS 2711	Enterprise Desktop Support Technician	3	
THE ENGLISH SECURITY	1-3030	CTIT015 - CompTIA Security +	CIS 2640	Network Security	3	
N/A	Certificate	CTIT007 - Cisco Exploration I	CIS 1411	Introduction to Networks	3	
N/A	Certificate	CTIT008 - Cisco Exploration II	CIS 2416	Routing & Switching Essentials	4	
N/A	Certificate	CTIT009 - Cisco Exploration III	CIS 2421	Scaling Networks	4	
N/A	Certificate	CTIT010 - Cisco Exploration IV	CIS 2426	Connecting Networks	4	
Computer Software	145030 and	( III () I I - MS Windows Deskton () S		Windows Client Operating System	3	
Network Operating Systems	145040	CTITO42 A4C C A L · · · · · ·	CIC 2540	Miles of Miles de la Company Company	3	
Network Operating Systems	145040	CTIT013 - MS Server Administration	CIS 2510	Microsoft Windows Server Operating System		
Commutar Coffusions	145030 and	CTIT016 - Linux	CIS 2550	Linux Operating System	3	
Computer Software Computer Hardware	145030 and	CTIT014 - PC Operating System/A+	CIS 2731	A+ Hardware & Software	4	
Programming	145060	CTPROG001 - Computer Logic	CIS 1111	Intro to Problem Solving & Computer Programing	3	
		CTPROG003 - C++ Programming	CIS 1202	C++ Software Development	3	NEW!
Object Oriented Programming	145065	CTPROG002 - Java Programming	CIS 2212	Java Software Development I	3	
		Programming and	d Softwai	re Development (N3)		
			PROFICIEN	ICY		
ODE Course		Subject Code	Sinclair Course	Sinclair Course Name	Credit Hours	Notes
N/A		N/A	CIS 2165	Database Management	3	
N/A	N/A		CIS 1350	Web Site Development with HTML & CSS	3	
			CTAG			
ODE Course	Subject Code	CTAN	Sinclair Course	Sinclair Course Name	Credit Hours	Notes
Programming	145060	CTPROG001 - Computer Logic	CIS 1111	Intro to Problem Solving & Computer Programing	3	
Object Oriented Programming	145065	CTPROG003 - C++ Programming	CIS 1202	C++ Software Development	3	NEW!
Object Officiated Frogramming	143003	CTPROG002 - Java Programming	CIS 2212	Java Software Development I	3	

		Cyl	ersecuri	ty (N4)		
			CTAG			
ODE Course	Subject Code	CTAN	Sinclair Course	Sinclair Course Name	Credit Hours	Notes
Networking	145035 and	CTIT002 - Networking/CompTIA	CIS 1130	Network Fundamentals	3	
Network Management	145045	Network +	CIS 1150	Network Fundamentals	3	
Computer Software	145030	CTIT005 - Intro Desktop O.S.	CIS 1107	Introduction to Operating Systems	3	
Network Security	145050	CTIT006 - Intro to User Support	CIS 2711	Enterprise Desktop Support Technician	3	
Network Security	143030	CTIT015 - CompTIA Security +	CIS 2640	Network Security	3	
N/A	Certificate	CTIT007 - Cisco Exploration I	CIS 1411	Introduction to Networks	3	
N/A	Certificate	CTIT008 - Cisco Exploration II	CIS 2416	Routing & Switching Essentials	4	
N/A	Certificate	CTIT009 - Cisco Exploration III	CIS 2421	Scaling Networks	4	
N/A	Certificate	CTIT010 - Cisco Exploration IV	CIS 2426	Connecting Networks	4	
С	145030 and	CTITO44 NAC Mindows Doubton OC	CIS 1510	Windows Client Operating System	3	
Network Operating Systems	145040	CTIT011 - MS Windows Desktop OS	CI3 1310	Willdows Client Operating System	3	
Network Operating Systems	145040	CTIT013 - MS Server Administration	CIS 2510	Microsoft Windows Server Operating System	3	
		CTIT016 - Linux	CIS 2550	Linux Operating System	3	
Computer Software	145030 and	CTIT014 - PC Operating System/A+	CIS 2731	A+ Hardware & Software	4	
Computer Hardware	145025	CITIO14 - PC Operating System/A+	CI3 2/31	A+ Haluwale & Soltwale	4	
Programming	145060	CTPROG001 - Computer Logic	CIS 1111	Intro to Problem Solving & Computer Programing	3	
		General Tech Pi	rep Cours	es for All Pathways		
The following are general tech prep course	es available to all pat			ourses may be taught by academic instructors. To see a Offerings page.	comprehensive list	of all courses available to all pathways,

visit the deficial course of the same of t									
	PROFICIENCY								
ODE Course	Subject Code	Sinclair Course	Sinclair Course Name	Credit Hours	Notes				
	N/A	BIS 1120	Introduction to Software Applications	3	PR credit is earned by completing shell content. AA credit is earned by providing proof of Microsoft Office Specialist (MOS) certification.				
	N/A	BIS 1201	Keyboarding & Document Formatting	3					
N/A		BIS 1400	Customer Service	3					
N/A		MAT 1120	<b>Business Mathematics</b>	3					

		ODE-Sinclair Cı	redit Cros	sswalk: Law & Public Safety		
		Firefighting & Emerger	ncy Medical	Services (P6) and Criminal Justice (P1	)	
			PRO	OFICIENCY		
ODE Course		Subject Code	Sinclair Course	Sinclair Course Name	Credit Hours	Notes
	N/A		CJS 1103	Constitutional Law & Evidentiary Procedures	3	
	N/A		CJS 1105	Criminal Law	3	
	N/A		CJS 1155	Homeland Security Issues & Administration	3	
Investigations and Forensics in Criminal Investigations		170914	CJS 2205	Introduction to Criminal Investigation & Forensic Science	3	
				CTAG		
ODE Course	Subject Code	CTAN	Sinclair Course	Sinclair Course Name	Credit Hours	Notes
Fire Safety Inspector	N/A	CTFINSP001 - Fire Safety Inspector	FST 1120	Fire Safety Inspector	4	Notes
Fire Service Instructor	N/A	CTFSI001 - Fire Service Instructor	FST 2209	Fire Service Instructor	4	
Firefighter I	170343	CTFF002 - Fire Fighter I	FST 1102	Firefighter 1	7	
Firefighter II	170344	CTFF003 - Fire Fighter II	FST 1103	Firefighter II Transition	5	
		CTVFF001 - Volunteer Fire Fighter	FST 1100	Volunteer Firefighter	2	
he American Criminal Justice System  olice Work & Practice in Public Safety	170911 170913	CTCJ001 - Introduction to Criminal Justice	CJS 1101	Introduction to Criminal Justice Science	3	
The Correctional System & Services	170915	Justice				
		CTEMS002 - Emergency Medical	EMS 1150 &	Emergency Medical Technician: Lecture & Laboratory	5	
		Technician	EMS 1155	for Emergency Medical Technician	5	
		CTEMS001 - Emergency Medical Responder	EMS 1100	Emergency Medical Responder Lecture & Laboratory	2	
Medical Terminology	072150	CTMT001 - Medical Terminology	HIM 1101	Medical Terminology	3	
			EMS 2100	Applied Anatomy, Physiology & Pathophysiology for Emergency Medical Services Provider	3	
			EMS 2105	Paramedic 1: Lecture	2	
			EMS 2110	Paramedic 1: Laboratory	2	
			EMS 2125	Paramedic 2: Lecture	5	
			EMS 2130	Paramedic 2: Laboratory	2	
Current Ohio Paramedic certification CTEMS004 - Paramed		CTEMS004 - Paramedic	EMS 2135	Paramedic 2: Clinical	2	
carrent onto i arametic terti		CTENIOUS TUTUTEUR	EMS 2150	Paramedic 3: Lecture	5	
			EMS 2155	Paramedic 3: Laboratory	2	
			EMS 2160	Paramedic 3: Clinical	1	
			EMS 2175	Paramedic 4: Lecture	2	
			EMS 2180	Paramedic 4: Field Experience	1	
			EMS 2200	Paramedic 5: Integration / Refresher Lecture	2	
			EMS 2205	Paramedic 5: Integration / Refresher Laboratory	1	

		Gene	ral Tech Prep (	Courses for All Pathways				
The following are general tech prep cour	ses available to all path	ways but often paired with courses in t	his pathway. These cours	es may be taught by academic instructors. To see a comprehen	sive list of all cours	ses available to all pathways, visit the General Course		
			Offe	rings page.				
			ART	TCULATED				
ODE Course		Subject Code	Sinclair Course	Sinclair Course Name	Credit Hours	Notes		
						Two cards required for credit: a card for AHA		
Principles of Allied Health		072035	ALH 1130 or	Basic Life Support Training for Healthcare Provider	1	Basic Life Support for Healthcare Provider AND AHA Heartsaver First Aid.		
			ALH 1132	Heartsaver First Aid, CPR & AED	1	AHA Heartsaver First Aid, CPR/AED card required for credit.		
	*							
			PRO	DFICIENCY				
ODE Course		Subject Code	Sinclair Course	Sinclair Course Name	Credit Hours	Notes		
	N/A		BIS 1400	Customer Service	3			
	N/A		BIO 1107/1108	Human Biology w/Lab	3			
	N/A			Mathematics in Health Sciences	3			
005.0	64: 46.4			CTAG				
ODE Course	Subject Code	CTAN	Sinclair Course	Sinclair Course Name	Credit Hours	Notes		
Current and valid OHSA 10-hour safety card CTS001 - Safety		CTS001 - Safety	CAT 1431	OSHA 10 Hour Safety	1			

ODE Course  N/A  N/A  ~Machine Tools  N/A	Subject Code  ~176004	Sinclair Course  OPT 1100  CAM 1107	PROFICIENCY  Sinclair Course Name  Tooling and Machining Metrology  Principles of Manufacturing  Fundamentals of Tooling and Machining	Credit Hours 2 3	Notes  Please note, this course credit type changed from AA to PR 20-21 AY. eLearn shell content must be completed in order to earn credit for this course.  Please note, this course credit type changed from AA to PR 20-21 AY. eLearn shell content must be completed in order to earn credit for this course.  Please note, this course credit type changed from AA to PR 20-21 AY. eLearn shell content must be completed in order to earn shell content processes.					
N/A  N/A  ~Machine Tools  N/A		OPT 1100  CAM 1107	Sinclair Course Name  Tooling and Machining Metrology  Principles of Manufacturing	2 3	Please note, this course credit type changed from AA to PR 20-21 AY. eLearn shell content must be completed in order to earn credit for this course.  Please note, this course credit type changed from AA to PR 20-21 AY. eLearn shell content must be completed in order to earn credit for this course.  Please note, this course credit type changed from AA to PR 20-21 AY. eLearn shell content					
N/A  N/A  ~Machine Tools  N/A		OPT 1100  CAM 1107	Tooling and Machining Metrology  Principles of Manufacturing	2 3	Please note, this course credit type changed from AA to PR 20-21 AY. eLearn shell content must be completed in order to earn credit for this course.  Please note, this course credit type changed from AA to PR 20-21 AY. eLearn shell content must be completed in order to earn credit for this course.  Please note, this course credit type changed from AA to PR 20-21 AY. eLearn shell content					
N/A ~Machine Tools	~176004	CAM 1107	Principles of Manufacturing	3	from AA to PR 20-21 AY. eLearn shell content must be completed in order to earn credit for this course.  Please note, this course credit type changed from AA to PR 20-21 AY. eLearn shell content must be completed in order to earn credit for this course.  Please note, this course credit type changed from AA to PR 20-21 AY. eLearn shell content					
~Machine Tools  N/A	~176004				from AA to PR 20-21 AY. eLearn shell content must be completed in order to earn credit for this course. Please note, this course credit type changed from AA to PR 20-21 AY. eLearn shell content					
N/A	~176004	CAM 1109	Fundamentals of Tooling and Machining	3	from AA to PR 20-21 AY. eLearn shell content					
					must be completed in order to earn credit for this course.					
ODE Course		CAM 1110	Advanced Machine Operations	3	Course syllabi and resources available to all instructors in the CAM Community on eLearn (contact your Pathway Manager for access). A student must be able to grind square and parallel to within ±0.0004 and be able to show this ability along with a letter of support from their instructor.					
ODE Course	ARTICULATED									
	Subject Code	Sinclair Course	Sinclair Course Name	Credit Hours	Notes					
N/A		MET 1301	*SolidWorks Basics	4	Proof of Solidworks certification required for credit.					
Hydraulics and Pneumatics	010225	EGR 1217	Fluid Power & Control	2	Proof of passing WebXam Score Required for Credit					
Industrial Robotics	176025	EGR 2252	Teach Pendant Robot Programming	2	Proof of passing WebXam Score Required for Credit					
		1	CTAG	ı						
CHIE COHESP	bject Code CTAN	Sinclair Course	Sinclair Course Name	Credit Hours	Notes					
Computer Integrated Manufacturing 17	75006 CTMET005	MET 1371	CAD Concepts Using AutoCAD	3						
Digital Electronics 17	75007 CTEET002	EET 1131	Digital Electronics	5						
Manufacturing Operations 17	CTMET004 - Manufacturing Processes	OPT 2205	Manufacturing Processes	3						
	Ganar	al Toch Dr	ep Courses for All Pathways							
The following are general tech prep courses availa	able to all pathways but often	paired with cour	reses in this pathway. These courses may be taught by a rys, visit the General Course Offerings page.	academic ir	nstructors. To see a comprehensive list of all courses					
			PROFICIENCY							
ODE Course	Subject Code	Sinclair Course	Sinclair Course Name	Credit Hours	Notes					
N/A		BIS 1400	Customer Service	3						
N/A		MET 1131	Personal Computer Applications for Engineering Technology	1						
N/A		MAT 1110	Math for Technologists	3						
			CTAG							
ODE Course	bject CTAN	Sinclair Course	Sinclair Course Name	Credit	Notes					
Current and valid OHSA 10-hour safety ca	ode CTAN	CAT 1431		Hours	INULES					

ODE	-Sinclai	r Credit Cros	swalk:	Transportation Systems -	- Aut	omotive
			Ground Ti	ransportation (T9)		
			А	RTICULATED		
ODE Course	Si	ubject Code	Sinclair Course	Sinclair Course Name	Credit Hours	Notes
N/A			AUT 1100	Consumer Automotive	2	Credit is earned by graduating from a secondary career technical automotive program.
N/A	A.		AUT 1108	Automotive Engine Systems	4	Students must successfully complete ASE student certification exam A1-Engine Repair with a passing grade of 70% or higher to be awarded credit.
N/A	<b>\</b>		AUT 1114	Automotive Electrical/Electronic Systems I	3	Students must successfully complete ASE student certification exam A6-Electrical/Electronic Systems with a passing grade of 70% or higher to be awarded credit.
N/A	A		AUT 1116	Automotive Steering & Suspension Systems	3	Students must successfully complete an ASE student certification exam A4-Suspension and Steering with a passing grade of 70% or higher to be awarded credit.
N/A			AUT 1165	Automotive Brake Systems	3	Students must successfully complete an ASE student certification exam A5-Brakes with a passing grade of 70% or higher to be awarded credit for the above identified course.
				OTA C		
			1	CTAG		
ODE Course	Subject Code	CTAN	Sinclair Course	Sinclair Course Name	Credit Hours	Notes
ASE/NATEF examination for Maintenance Repair or Automobile Service and Te	•	CTAUT005 - Introduction to Automotive Service and Repair	AUT 1102	Introduction to Automotive Service	0.5-3	Must pass WebXam AND receive certification to receive credit
		General	Tech Pren	Courses for All Pathways		
The following are general tech prep courses as	railable to all pa		•	•	nstructors.	To see a comprehensive list of all courses available to
			athways, visit th	e General Course Offerings page.		, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
				PROFICIENCY		
ODE Course		ubject Code	Sinclair Course	Sinclair Course Name	Credit Hours	Notes
N/A			BIS 1400	Customer Service	3	
N/A	١		MAT 1110	Math for Technologists	3	
N/A	١		MET 1131	Personal Computer Applications for Engineering Technology	1	

ODE-	Sinclair Credit Cro	osswal	k: Transportation Systen	ns - A	Aviation
		Air Tra	insportation (TA)		
			PROFICIENCY		
ODE Course	Subject Code	Sinclair Course	Sinclair Course Name	Credit Hours	Notes
N/A		AVT 1101	Introduction to Unmanned Aerial Systems	2	
N/A		AVT 1103	Remote Pilot (UAS) Ground School	1	Course credit can be earned as PR via completion of eLearn shell content, or credit can be awarded as AA with proof of FAA Part 107 Small UAS license.
N/A		AVT 1141	Principles of Aviation Leadership	2	Please note, this course credit type changed from AA to PR 20-21 AY. eLearn shell content must be completed in order to earn credit for this course.
0.0	OTICIII ATED Aviation Maintons	ance Course	s-Articulated credit through FAA approved te	etina nu	
A			plant Certificate, they will earn Articulated C		
N/A	•	AVT 1113	Drawings for Aviation	3	
N/A		AVT 1116	Regulations for Maintenance	3	
N/A		AVT 1118	Weight and Balance	3	*Credit Awarded by State or National
N/A		AVT 1131	Basic Aviation Electricity	3	Accreditation via credit capture process.
N/A		AVT 1135	Materials and Processes	4	Copies of cards or certificates must be submitted to MVTPC before credit can be
N/A		AVT 1213	Corrosion	3	posted.
N/A		AVT 2237	Aircraft Inspections (Airframe and Eng.)	3	posted.
N/A		AVT 2143	Review and Recommendation	2	
	If student earns FAA	Airframe C	ertificate, they will earn Articulated Credit fo	r:	
N/A		AVT 1136	Sheet Metal	4	
N/A		AVT 2121	Assembly and Rigging	3	
N/A		AVT 2236	Non Metallic Structures	4	*Credit Awarded by State or National
N/A		AVT 1106	Airframe Safety Systems	2	Accreditation via credit capture process.
N/A		AVT 1107	Fuel Systems	3	Copies of cards or certificates must be
N/A		AVT 1133	Instruments/Communications	3	submitted to MVTPC before credit can be
N/A		AVT 1214	Cabin Atmospheric Control	2	posted.
N/A		AVT 1218	Utility Systems	6	
N/A		AVT 2132	Airframe Electrical Systems	4	
21/2		•	Certificate, they will earn Articulated Credit f		T
N/A		AVT 1128	Power Plant Safety Systems	3	*Condit Assembled by Chaha an National
N/A		AVT 2122	Ignition and Starting	4	*Credit Awarded by State or National
N/A N/A		AVT 2126	Reciprocating Engines	7	Accreditation via credit capture process.
N/A N/A		AVT 2129	Propellers  Engine Fuel and Fuel Metering	3	Copies of cards or certificates must be submitted to MVTPC before credit can be
N/A N/A		AVT 2138 AVT 2139	Engine Fuel and Fuel Metering Induction/Exhaust/Cooling	2	posted.
N/A N/A		AVT 2139 AVT 2219	Turbine Engines	4	posteu.
N/A		AA1 7713	ruibine Liigines	_ +	<u>l</u>

	CTAG							
ODE Course	Subject Code	CTAN	Sinclair Course	Sinclair Course Name	Credit Hours	Notes		
Aviation Airport Management	177020	CTAIR001 - Air Transportation	AVT 2146	Introduction to Airline Operations	3			
Aviation Pilot Training	177021	CTAIR005 - Private Pilot Theory	AVT 1110	Private Pilot Ground School	3			
Aviation	177013	CTAIR004 - Introduction to Aviation	AVT-1105	Orientation to Aviation	3			
Aviation Meteorology	177019	CTAIR003 - Aviation Meteorology	AVT-1119	Aviation Meteorology	2			
JROTC								
PROFICIENCY								
ODE Course Subject Code			Sinclair Course	Sinclair Course Name	Credit Hours	Sinclair Program Alignment		
N/A			AVT 1141	Principles of Aviation Leadership	2	Please note, this course credit type changed from AA to PR 20-21 AY. eLearn shell content must be completed in order to earn credit for this course.		
General Tech Prep Courses for All Pathways								
The following are general tech prep courses av	ailable to all pat			this pathway. These courses may be taught by acader it the General Course Offerings page.	mic instruct	ors. To see a comprehensive list of all courses available		
	PROFICIENCY PROFICE CONTRACTOR OF THE PROFIC							
ODE Course	Sub	oject Code	Sinclair Course	Sinclair Course Name	Credit Hours	Notes		
N/A			BIS 1400	Customer Service	3			
N/A		_	MAT 1110	Math for Technologists	3			
N/A	-		MET 1131	Personal Computer Applications for Engineering Technology	1			