	0		rosswalk: General Course Off		
			io.gov/Topics/Career-Tech/Career-Fields		
The follow	ing are general te	ch prep courses available	to all pathways. These courses may l	be taught by aca	demic instructors.
	Subject Code			Credit Lleure	Notos
ODE Course			Sinclair Course e Support Training for Healthcare Provider	Credit Hours	Notes Two cards required for credit: a card for AHA Basic Life Support for Healthcare Provider AND AHA Heartsaver First Aid
Principles of Allied Health	oles of Allied Health 072035	ALH 1132: Heal	rtsaver First Aid, CPR & AED		New FPS for AY 24-25 - Kelly Gruver, kelly.gruver@sinclair.edu AHA Heartsaver First Aid, CPR/AED car
				1	required for credit. New FPS for AY 24-25 - Kelly Gruver, kelly.gruver@sinclair.edu
	<u> </u>	BIS 1220: W	/ord Processing Software		Keny.graver@siniolaii.edu
N/A		DIG 1220. W		3	Proof of passing the Microsoft Office Specialist (MOS) Word Expert certification exam required for credit. AY 24-25: Must test using Office 365/2021.
N/A	N/A		BIS 1240: Presentation Software		Proof of passing the Microsoft Office Specialist (MOS) PowerPoint Associate certification exam required for credit. Ay 24-25: Must test using Office 365/2021.
N/A		BIS 1250: Specialized Business Software Application		1	Proof of passing the Microsoft Office Specialist (MOS) Outlook certification exam required for credit. AY 24-25: Mus test using Office 365/2021.
N/A		BIS 1260: Database Software		3	Proof of passing the Microsoft Office Specialist (MOS) Access Expert certification exam required for credit. AY 24-25: Must test using Office 365/2021.
		•	CTAG	•	•
ODE Course	Subject Code	CTAN	Sinclair Course	Credit Hours	Notes
Current and valid OSHA 10-h		CTS001 - Safety	CAT 1431: OSHA Construction Standards 10 Hour	1	
			PROFICIENCY		
ODE Course	Subject Code	S	Sinclair Course	Credit Hours	Notes
N/A	, , .	BIO 1107/ 11	08: Human Biology w/Lab	3	
Animal and Plant Biote	echnology	BTN 1110: Biotechnology & Bioethics		3	
N/A			BIN 1110: Biotechnology & Bioethics BIS 1120: Introduction to Software Applications		PR credit is earned by completing eLear shell content. AA credit is earned by providing proof of Microsoft Office Specialist (MOS) certification. AY 24-25 Must test using Office 365/2021.
N/A		BIS 1201: Keyboa	arding & Document Formatting	3	
N/A		BIS 1230:	Spreadsheet Software	3	Graded project along with proof of passin the Microsoft Office Specialist (MOS) Excel certification exam required for credit. AY 24-25: Must test using Office 365/2021.
N/A		BIS 140	0: Customer Service	3	
	141000	MAN 1107:	Foundations of Business	3	
Business Foundations		MAN 1107: Foundations of Business MAT 1110: Math for Technologists MAT 1120: Business Mathematics		3	25-26 AY UPDATE: Business
Business Foundations N/A N/A			: Business Mathematics	3	Mathematics, 15th Edition; Clendenen, Moninger, Salzman; Pearson; 978-0134697222
N/A N/A N/A		MAT 1120 MAT 1125: Math for the	Culinary Arts & Baking & Pastry Arts Professional	3	
N/A N/A		MAT 1120 MAT 1125: Math for the MAT 1130: Mat	Culinary Arts & Baking & Pastry Arts		Clendenen, Moninger, Salzman; Pearson; 978-0134697222 New FPS for AY 24-25 - Kristin Killen,

Agriculture, Food and Natural Resources	Subject Code 010105 Subject Code	Agribusiness	alk: Agricultural & Environme and Production Systems (A0) ARTICULATED inclair Course duction to Agriculture Science	Credit Hours	Notes
Agriculture, Food and Natural Resources ODE Course	010105		inclair Course	Credit Hours	Notes
Agriculture, Food and Natural Resources ODE Course	010105			Credit Hours	Notes
Resources ODE Course		AGR 1160: Introd	duction to Agriculture Science		
	Subject Code		AGR 1160: Introduction to Agriculture Science		Credit earned via FFA membership.
	Subject Code		CTAG		
		CTAN	Sinclair Course	Credit Hours	Notes
	010715	CTAE001 - Introduction to Alternative and Renewable Energy	EGV 1101: Alternate & Renewable Energy Sources	3	1000
Animal and Plant Biotechnology	012010	CTBTC001	BTN 1110: Biotechnology & Bioethics	3	
		1.1.4			
		Industria	al Power Technology (A1) ARTICULATED		
ODE Course	Subject Code	C	inclair Course	Credit Hours	Notes
Agriculture, Food and Natural	Subject Code		duction to Agriculture Science		
Resources	010105	AGIV 1100. Initio		1	Credit earned via FFA membership.
		Animal Se	cience & Management (A2)		
			ARTICULATED		
ODE Course S	Subject Code		inclair Course	Credit Hours	Notes
Agriculture, Food and Natural Resources	010105	AGR 1160: Intro	duction to Agriculture Science	1	Credit earned via FFA membership.
			CTAG		
ODE Course S	Subject Code	CTAN	Sinclair Course	Credit Hours	Notes
Medical Terminology	072150	CTMT001 - Medical Terminology	HIM 1101: Medical Terminology	2	
Animal Science and Technology	010910	CTASM001 - Introduction to Animal Science	AGR 1110: Introduction to Large Animal Sciences: Handling & Husbandry	3	
			PROFICIENCY		
ODE Course	Subject Code	9	inclair Course	Credit Hours	Notes
			ction to Veterinary Technology I	2	Notes
Veterinary Science	010930		tion to Veterinary Technology II	2	
N/A			Practice I: Hospital Practices &	1	
		Agriculture Fooder	d Notural Resources Dissein	2)	
		Agriculture, Food an	d Natural Resources Bioscience (A ARTICULATED	13)	
ODE Course	Subject Code	<u>م</u>	inclair Course	Credit Hours	Notes
Agriculture, Food and Natural Resources	010105		duction to Agriculture Science	1	Credit earned via FFA membership.
0055.0		07411	CTAG		N
	Subject Code	CTAN CTDTC004	Sinclair Course	Credit Hours	Notes
Animal and Plant Biotechnology	012010	CTBTC001	BTN 1110: Biotechnology & Bioethics	3	
			Horticulture (A5) ARTICULATED		
ODE Course	Subject Code	<u>م</u>	inclair Course	Credit Hours	Notes
Agriculture, Food and Natural Resources	010105		duction to Agriculture Science	1	Credit earned via FFA membership.

		Natural R	esource Management (A6)		
			ARTICULATED		
ODE Course	Subject Code		Binclair Course	Credit Hours	Notes
Agriculture, Food and Natural Resources	010105	AGR 1160: Introduction to Agriculture Science		1	Credit earned via FFA membership.
			CTAG		
ODE Course	Subject Code	CTAN	Sinclair Course	Credit Hours	Notes
Energy Systems Management	010715	CTAE001 - Introduction to Alternative and Renewable Energy	EGV 1101: Alternate & Renewable Energy Sources	3	
Solar and Wind Energy	010717	CTSP001 - Solar Photovoltaics	EGV 2101: Solar Photovoltaic Design & Installation	3	
		Conoral Tooh	Prep Courses for All Pathways		
The following are general to	ah prop courses		but often paired with courses in this pa	thursy Those of	ourses movies tought by coordomic
The following are general te	ech prep courses	available to all pathways i	ARTICULATED	anway. These co	burses may be laught by academic
	Subject Code			Credit Lleure	Notes
ODE Course	Subject Code		Sinclair Course	Credit Hours	
A1 Industrial Power Technology ONLY	010210	AUT 1100: Consumer Automotive		2	Credit is earned by graduating from a secondary career technical automotive program.
HAZWOPER Technician Level		FST 1555: Hazardous Waste Operations & Emergency Response		3	Proof of OSHA Standard 29 CFR 1919.120 or EPA 40 CFR Part 300 required for credit. NEW! AA Credit option for AY 24-25, FP - Kirk Temple, kirk.temple@sinclair.edu
			CTAG		
ODE Course	Subject Code	CTAN	Sinclair Course	Credit Hours	Notes
Current and valid OSHA 10-h	,	CTS001 - Safety	CAT 1431: OSHA Construction Standards 10 Hour	1	
		•	REAL PROFILE		-
	Subject Carls		PROFICIENCY	Credit Lleurs	Nataa
ODE Course N/A	Subject Code		Sinclair Course	Credit Hours	Notes
			08: Human Biology w/Lab 00: Customer Service	3	
N/A	111000			3	
Business Foundations	141000		Foundations of Business	3	
N/A			hematics in Health Sciences	3	
IN/A		I MET 1131: Personal Co	omputer Applications for Engineering	1	

	01		Crosswalk: Arts and Communi	oution	
			Media Arts (B0)		
	Subject Code	CTAN	CTAG Sinclair Course	Credit Lleure	Nietee
ODE Course	Subject Code	CTAN CTVDI001	-	Credit Hours	Notes
Digital Print Design	340320		VIS 1150: Design Processes II	4 4	Credit Decorpition Cuide
Video Production	340145	CTIM006	VIS 1420: Video Production	4	Credit Recognition Guide
			PROFICIENCY		
N/A		JOU 2101:	Introduction to Journalism	3	
Media Arts Writing	340115 or	JOU 2203: R	eporting & Writing for Media		
Multi-Media Web Production	340160			3	
	Г – Т	-	Deuteuminer Ante (D4)		1
		r	Performing Arts (B1) CTAG		
ODE Course	Subject Code	CTAN	Sinclair Course	Credit Hours	Notes
Video Production	340145	CTIM006	VIS 1420: Video Production	4	Credit Recognition Guide
	010110	01111000		•	Croat Recognition Caldo
		Visual	Design and Imaging (B2)		
			CTAG		
ODE Course	Subject Code	CTAN	Sinclair Course	Credit Hours	Notes
Advertising and Communication	340340	CTVDI002 - Fundamentals of Advertising and Communication	MRK 2102: Principles of Advertising	3	
Digital Print Design	340320	CTVDI001	VIS 1150: Design Processes II	4	
Video Production	340145	CTIM006	VIS 1420: Video Production	4	Credit Recognition Guide
	1 1				
			PROFICIENCY		
ODE Course	Subject Code		Sinclair Course	Credit Hours	Notes
N/A		CIS 1350: Web Sit	e Development with HTML & CSS	3	
N/A			0: Design Foundations	4	
N/A		VIS 114	10: Design Processes I	4	Credit granted via portfolio review &
N/A		VIS 1	210: Design Drawing	4	eLearn shell content completion
N/A		VIS 1	250: Print Production	4	
		Gener	al Courses- All Pathways		
The following are general to	ech prep courses a		but often paired with courses in this pa	thway. These c	ourses may be taught by academic
3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5			PROFICIENCY	,	,
ODE Course	Subject Code		Sinclair Course	Credit Hours	Notes
N/A		BIS 14	00: Customer Service	3	
N/A		MAT 1120): Business Mathematics	3	25-26 AY UPDATE: Business Mathematics, 15th Edition; Clendenen, Moninger, Salzman; Pearson; 978-0134697222

	OD		osswalk: Business/Finance/M	larketing	
		Business &	Administrative Services (C4)		
		1	ARTICULATED		
ODE Course	Subject Code		Sinclair Course	Credit Hours	Notes
N/A		BIS 1220: V	Vord Processing Software	3	Proof of passing the Microsoft Office Specialist (MOS) Word Expert certification exam required for credit. AY 24-25: Must test using Office 365/2021.
N/A		BIS 1240: Presentation Software		2	Proof of passing the Microsoft Office Specialist (MOS) PowerPoint Associate certification exam required for credit. AY 24-25: Must test using Office 365/2021.
N/A		BIS 1250: Specialized Business Software Application		1	Proof of passing the Microsoft Office Specialist (MOS) Outlook certification exam required for credit. AY 24-25: Must test using Office 365/2021.
N/A		BIS 1260: Database Software		3	Proof of passing the Microsoft Office Specialist (MOS) Access Expert certification exam required for credit. AY 24-25: Must test using Office 365/2021.
			CTAG		
	Subject Code	CTAN	Sinclair Course	Credit Lleure	Nistas
ODE Course	Subject Code	CTAN CTMMS001 - Medical	BIS 2180: Medical Office Simulation	Credit Hours	Notes
Medical Office Management	142015	Office Procedures	BIS 2180: Medical Office Simulation	3	
Medical Terminology	072150	CTMT001 - Medical Terminology	HIM 1101: Medical Terminology	2	
Legal Environment of Business	142010	CTBU004	LAW 1101: Business Law	3	
			PROFICIENCY		
	Quilitie et Quilie		PROFICIENCY	One dit Llaure	Neter
ODE Course	Subject Code		Sinclair Course	Credit Hours	Notes
BIS 1120: Introduction to Software Applications		3	PR credit is earned by completing eLearn shell content. AA credit is earned by providing proof of Microsof Office Specialist (MOS) certification. AY 24-25: Must test using Office 365/2021.		
N/A		BIS 1230: Spreadsheet Software		3	Graded project along with proof of passing the Microsoft Office Specialist (MOS) Excel certification exam required for credit. AY 24-25: Must test using Office 365/2021.
N/A		MAN 1114 Intro	duction to Sports Management	3	
N/A			ntroduction to Supervision	3	
Professional & Technical Sales	144030		5: Sales Fundamentals	3	

		Logistics and	Supply Chain Management (C5)		
			CTAG		
ODE Course	Subject Code	CTAN	Sinclair Course	Credit Hours	Notes
		CTSCM001 -	MAN 2159: Supply Chain		
		Introduction to Supply	Management Concepts &		
Supply Chain Management	142025	Chain Management	Applications	3	
		Technology			
Legal Environment of		CTBU004	LAW 1101: Business Law		
Business	142010			3	
Bueineee	1				
			PROFICIENCY		
ODE Course	Subject Code	s	inclair Course	Credit Hours	Notes
Marketing Principles	144000		Foundations of Marketing	3	
Professional & Technical			5: Sales Fundamentals		
Sales	144030			3	
Gales					
			Finance (G2)		
			CTAG		
ODE Course	Subject Code	CTAN	Sinclair Course	Credit Hours	Notes
		CTBU010 - Introduction	ACC 1210: Introduction to Financial	5.00.000	
Financial Accounting	143005	to Financial Accounting	Accounting	3	
T mancial Accounting	143003	to T mancial Accounting	Accounting	5	
		CTBU011 - Introduction	ACC 1220: Introduction to		4
Managerial Accounting	143015	to Managerial	Managerial Accounting	3	
6 6		Accounting			
			PROFICIENCY		
ODE Course	Subject Code		inclair Course	Credit Hours	Notes
ODE Course			0: Personal Finance		Notes
		FIN 245			*There is a Personal Finance CTAG for
					the Family and Consumer Science
					Pathway. That CTAG is not approved
Finance Foundations	143000			3	this subject code, so this course will
					remain a Proficiency option on bilater
	1				agreements until changes are made b
					the state.
Professional & Technical		MRK 2224	5: Sales Fundamentals		the state.
Professional & Technical Sales	144030	MRK 2225	5: Sales Fundamentals	3	the state.
Professional & Technical Sales	144030	MRK 2225	5: Sales Fundamentals	3	the state.
	144030	MRK 2225		3	the state.
	144030	MRK 2225	5: Sales Fundamentals Marketing (S5) CTAG	3	the state.
		MRK 2225	Marketing (S5)	3 Credit Hours	the state.
Sales	144030 Subject Code		Marketing (S5) CTAG Sinclair Course		
Sales		CTAN CTSCM001 -	Marketing (S5) CTAG Sinclair Course MAN 2159: Supply Chain		
Sales ODE Course	Subject Code	CTAN CTSCM001 - Introduction to Supply	Marketing (S5) CTAG Sinclair Course MAN 2159: Supply Chain Management Concepts &	Credit Hours	
Sales		CTAN CTSCM001 - Introduction to Supply Chain Management	Marketing (S5) CTAG Sinclair Course MAN 2159: Supply Chain		
Sales ODE Course	Subject Code	CTAN CTSCM001 - Introduction to Supply	Marketing (S5) CTAG Sinclair Course MAN 2159: Supply Chain Management Concepts &	Credit Hours	
Sales ODE Course	Subject Code	CTAN CTSCM001 - Introduction to Supply Chain Management	Marketing (S5) CTAG Sinclair Course MAN 2159: Supply Chain Management Concepts &	Credit Hours	
Sales ODE Course	Subject Code	CTAN CTSCM001 - Introduction to Supply Chain Management	Marketing (S5) CTAG Sinclair Course MAN 2159: Supply Chain Management Concepts & Applications	Credit Hours	
Sales ODE Course Supply Chain Management	Subject Code 142025	CTAN CTSCM001 - Introduction to Supply Chain Management Technology	Marketing (S5) CTAG Sinclair Course MAN 2159: Supply Chain Management Concepts & Applications PROFICIENCY	Credit Hours 3	Notes
Sales ODE Course Supply Chain Management ODE Course	Subject Code	CTAN CTSCM001 - Introduction to Supply Chain Management Technology	Marketing (S5) CTAG Sinclair Course MAN 2159: Supply Chain Management Concepts & Applications PROFICIENCY inclair Course	Credit Hours 3 Credit Hours	
Sales Supply Chain Management ODE Course ODE Course N/A	Subject Code 142025 Subject Code	CTAN CTSCM001 - Introduction to Supply Chain Management Technology S MAN 1114: Introc	Marketing (S5) CTAG Sinclair Course MAN 2159: Supply Chain Management Concepts & Applications PROFICIENCY inclair Course uction to Sports Management	Credit Hours 3 Credit Hours 3	Notes
Sales Supply Chain Management ODE Course ODE Course N/A Marketing Principles	Subject Code 142025	CTAN CTSCM001 - Introduction to Supply Chain Management Technology S MAN 1114: Introc MRK 2100: I	Marketing (S5) CTAG Sinclair Course MAN 2159: Supply Chain Management Concepts & Applications PROFICIENCY inclair Course luction to Sports Management Foundations of Marketing	Credit Hours 3 Credit Hours 3 3 3	Notes
Sales Sales	Subject Code 142025 Subject Code	CTAN CTSCM001 - Introduction to Supply Chain Management Technology S MAN 1114: Introc MRK 2100: I MRK 2100: I	Marketing (S5) CTAG Sinclair Course MAN 2159: Supply Chain Management Concepts & Applications PROFICIENCY inclair Course luction to Sports Management Foundations of Marketing 35: Digital Marketing	Credit Hours 3 Credit Hours 3	Notes
Sales ODE Course Supply Chain Management ODE Course N/A Marketing Principles	Subject Code 142025 Subject Code	CTAN CTSCM001 - Introduction to Supply Chain Management Technology S MAN 1114: Introc MRK 2100: I MRK 2100: I	Marketing (S5) CTAG Sinclair Course MAN 2159: Supply Chain Management Concepts & Applications PROFICIENCY inclair Course luction to Sports Management Foundations of Marketing	Credit Hours 3 Credit Hours 3 3 3	Notes

		General Courses- All Pathways		
The following are general t	ech prep courses a	vailable to all pathways but often paired with courses in this p	athway. These c	ourses may be taught by academic
		ARTICULATED		
ODE Course	Subject Code	Sinclair Course	Credit Hours	Notes
N/A		BIS 1220: Word Processing Software		Proof of passing the Microsoft Office Specialist (MOS) Word Expert certificatior exam required for credit. AY 24-25: Must test using Office 365/2021.
N/A		BIS 1240: Presentation Software	2	Proof of passing the Microsoft Office Specialist (MOS) PowerPoint Associate certification exam required for credit. AY 24-25: Must test using Office 365/2021.
N/A		BIS 1250: Specialized Business Software Application	1	Proof of passing the Microsoft Office Specialist (MOS) Outlook certification exam required for credit. AY 24-25: Must test using Office 365/2021.
N/A		BIS 1260: Database Software	3	Proof of passing the Microsoft Office Specialist (MOS) Access Expert certification exam required for credit. AY 24-25: Must test using Office 365/2021.
Merchandising & Buying	144025	MRK 2145: Principles of Retailing	3	NEW! Credit option for AY 24-25. Proof o passing WebXam Score required for credit
		PROFICIENCY		
ODE Course	Subject Code	Sinclair Course	Credit Hours	Notes
N/A		ACC 1100: Small Business Accounting	3	Course is now being offered as a PR credit. ODE Subject Code 143005 - Financial Accounting is now matched to ACC 1210 as a CTAG.
N/A		BIS 1120: Introduction to Software Applications	3	PR credit is earned by completing eLearn shell content. AA credit is earned by providing proof of Microsoft Office Specialist (MOS) certification. AY 24-25: Must test using Office 365/2021.
		BIS 1230: Spreadsheet Software		Graded project along with proof of passing the Microsoft Office Specialist (MOS)
N/A			3	Excel certification exam required for credit. AY 24-25: Must test using Office 365/2021.
N/A		BIS 1201: Keyboarding & Document Formatting	3	Excel certification exam required for credit. AY 24-25: Must test using Office
	141000	BIS 1201: Keyboarding & Document Formatting BIS 1400: Customer Service MAN 1107: Foundations of Business		Excel certification exam required for credit. AY 24-25: Must test using Office

	OD	E-Sinclair Credit Cr	osswalk: Construction Techn	ologies	
Structura	l Systems (DD),	Mechanical, Electrical a	nd Plumbing (DE), and Construction	n Design and M	anagement (DF)
		-	ARTICULATED		
ODE Course	Subject Code		Sinclair Course	Credit Hours	Notes
N/A		CAT 1810: C	Construction Techniques I	3	To earn this AA credit, students must provide proof of either NCCER Core or Career Connections Level I and II.
N/A		CAT 1820: C	Construction Techniques II	3	To earn this AA credit, students must provide proof of either NCCER Carpentry Level I or Career Connections Level III.
N/A		CAT 1830: C	onstruction Techniques III	3	To earn this AA credit, students must provide proof of either NCCER Level 2 or Career Connections Level III.
N/A		EET 1181:	Electrical Construction I	5	Proof of NCCER Electrical Level 1 OR IBEW, JATC NECA certificate IEC based, IEC certificate.
Heating and Cooling Systems	178012	HVA 1241: HVAC In	stallation Techniques & Practices	3	NEW! Credit option for AY 24-25, FPS - De Dawson, delacy.dawson@sinclair.edu
Sheet Metal	178014				
			CTAG		
ODE Course	Subject Code	CTAN	Sinclair Course	Credit Hours	Notes
Plan Reading and Estimating	178019	CTCON001 - Plan Reading	CAT 1141: Reading Architectural Drawings	2	
Carpentry & Masonry Technical Skills	178001	CTCON003 - Construction Methods and Materials	CAT 1201: Construction Methods & Materials	3	
Current and valid OSHA 10-h	our safety card	CTS001 - Safety CAT 1431: OSHA Construction Standards 10 Hour		1	
Construction Safety & Crew Leadership AND	178018	CTCON002 - Construction Safety	CAT 2431: OSHA Construction Standards	2	Credit Recognition Guide
Obtain a valid OSHA 30 hour	card in general				
			PROFICIENCY		
ODE Course	Subject Code		Sinclair Course	Credit Hours	Notes
N/A			Architectural Graphics II	3	NEW! Credit option for AY 24-25, FPS – Alexandra Bohler, alexandra.bohler@sinclair.edu
Plan Reading and Estimating	178019	CAT 1401: Co	onstruction Cost Estimating	3	
Principles of Wood Construction	178030	CAT 1701: Cons	struction Craft Skills/Concrete	4	
Structural Systems	178003		tructural Framing Systems	4	
Construction Electrical Systems	178007	CAT 1741: Re	sidential Electrical Systems	3	
Residential Electrical Systems	178008				
Masonry-Brick & Block	178005	CAT 1761: li	nterior & Exterior Finishes		
Concrete & Residential Masonry	178006			3	
Construction Pre- Apprenticeship/ Capstone	178029	CAT 178	1: Construction Project	4	
Construction Management	178022		struction Project Management	3	
HVAC Refrigeration	178013	HVA 1201: Basic	CHVAC Systems with Cooling	3	NEW! Credit option for AY 24-25, FPS - De Dawson, delacy.dawson@sinclair.edu
N/A		HVA 12	21: Heating Systems	3	
The following are general te	ch prep courses		Prep Courses for All Pathways but often paired with courses in this pa	thway. These co	ourses may be taught by academic
057.0	0.11.15		PROFICIENCY		
ODE Course	Subject Code		Sinclair Course	Credit Hours	Notes
N/A N/A			0: Customer Service	3	
N/A N/A			Math for Technologists	3	
					1

			Crosswalk: Education & Train		
		Early C	hildhood Education (E0) CTAG		
	Subject Code	CTAN		Credit Lleure	Natas
ODE Course	Subject Code	CTAN CTECE001 -	Sinclair Course ECE 1100: Introduction to Early	Credit Hours	Notes
Early Childhood Education Principles	350205	Introduction to Education	Childhood Education	3	
Health, Safety and Nutrition	350230	CTECE002 - Health, Safety, and Nutrition	ECE 1202: Health & Safety Environments	3	
Infant and Toddler Education	350210	CTECE003 - Infant and Toddler Curriculum	ECE 2302: Infant & Toddler Curriculum	3	
		T	himm Durafa a signa (E4)		
		Teac	hing Professions (E1) CTAG		
ODE Course	Subject Code	CTAN	Sinclair Course	Credit Hours	Notes
ODE Course	Subject Code	-	EDU 1100: Introduction to Education		INOLES
Education Principles	350010	Introduction to Education	EDO 1100. Introduction to Education	3	
		Ose seed Task			
The following are general to			Prep Courses for All Pathways	thursy These	ourses moules tought by coordomic
The following are general te	ech prep courses	available to all pathways t	out often paired with courses in this pa ARTICULATED	inway. These c	ourses may be laught by academic
ODE Course	Subject Code		inclair Course	Credit Hours	Notes
ODE Course	Subject Code		e Support Training for Healthcare	Clean Hours	Notes
Principles of Allied Health	072035	ALIT TIJU. DASIC LIK	Provider	1	Two cards required for credit: a card for AHA Basic Life Support for Healthcard Provider AND AHA Heartsaver First Ai New FPS for AY 24-25 - Kelly Gruver kelly.gruver@sinclair.edu
	0.2000				
		ALH 1132: Heartsaver First Aid, CPR & AED		1	AHA Heartsaver First Aid, CPR/AED ca required for credit. New FPS for AY 24-25 - Kelly Gruver kelly.gruver@sinclair.edu
			PROFICIENCY		
ODE Course	Subject Code		inclair Course	Credit Hours	Notes
N/A			08: Human Biology w/Lab	3	
N/A N/A		-	0: Customer Service Business Mathematics	3	25-26 AY UPDATE: Business Mathematics, 15th Edition; Clendenen, Moninger, Salzman; Pearson; 978-0134697222

	ODE-Si		valk: Engineering & Science T	ecnnologies	
		Engineering	and Science Technologies (F6)		
	Quible et Quide			One dit Llauma	Neter
ODE Course	Subject Code		Sinclair Course 98: Digital Technology	Credit Hours	Notes This course can only be captured via
Digital Electronics	N/A			2	PLTW with scale score of 420 or stanine of 6. Both instructor and students MUST be PLTW.
N/A			uction to Manufacturing Safety	2	MSSC - Certified Production Technician (CPT) Certification or MSSC - Introduction to Manufacturin Safety Certificate
N/A			y Practices & Measurement for Manufacturing	2	MSSC - Certified Production Technician (CPT) Certification or MSSC - Quality Practices and Measurement for Manufacturing
N/A			acturing Processes & Production	2	MSSC - Certified Production Technician (CPT) Certification or MSSC - Manufacturing Processes and Production
N/A		ISE 1204: Maintena	nce Awareness for Manufacturing	2	MSSC - Certified Production Technician (CPT) Certification or MSSC - Maintenance Awareness fo Manufacturing
N/A			nentals of Dimensional Metrology	3	NEW! Credit option for AY 24-25, FPS - Cole Glover, cole.glover@sinclair.edu
N/A			: Six Sigma: Green Belt	3	The student must supply proof of earning a Six Sigma Green Belt Credential
Computer Integrated Manufacturing	175006	MET 1231: Introduction	to Engineering Design Using 3D CAD	4	
N/A		MET 130	01: SolidWorks Basics	4	Proof of Solidworks certification required for credit.
		MET 1401: A	dditive Design and Printing	3	NEW! Credit option for AY 24-25, FPS Michael Neal, michael.neal1@sinclair.edu. Course includes 3-D printing.
			CTAG		
ODE Course	Subject Code	CTAN	Sinclair Course	Credit Hours	Notes
Plan Reading and Estimating	178019	CTCON001 - Plan Reading	CAT 1141: Reading Architectural Drawings	2	

			CIAG		
ODE Course	Subject Code	CTAN	Sinclair Course	Credit Hours	Notes
Plan Reading and Estimating	178019	CTCON001 - Plan Reading	CAT 1141: Reading Architectural Drawings	2	
Computer Software	145030	CTIT005 - Intro Desktop O.S.	CIS 1107: Introduction to Operating Systems	3	
Computer Software	145030 and	CTIT011 - MS Windows Desktop OS	CIS 1510: Windows Client Operating System	3	
Network Operating Systems	145040			5	
Computer Software	145030	CTIT014 - PC Operating System/A+	CIS 2731: A+ Hardware & Software	4	
Computer Hardware	145025 and				
Digital Electronics	175007	CTEET002 - Digital Electronics	EET 1131: Digital Electronics	4	
DC Electronic Circuits	175105	CTEET001 - DC Circuits	EET 1150: DC Circuits	4	
Energy Systems Management	010715	CTAE001 - Introduction to Alternative and Renewable Energy	EGV 1101: Alternate & Renewable Energy Sources	3	
Computer Integrated Manufacturing	175006	CTMET005 - Computer Aided Drafting and Design (CADD)	MET 1231: Introduction to Engineering Design Using 3D CAD	4	

PROFICIENCY NON-PLTW						
ODE Course	Subject Code	Credit Hours	Notes			
N/A		CAM 1107: Introduction to Mechanical Drafting with CAD	3			
N/A		CAM 1108: Machine Shop Fundamentals	3			
Machine Tools	176004	CAM 1109: Fundamentals of Tooling & Machining	3			
N/A		CAM 1110: Advanced Machine Operations	3			
Plan Reading and Estimating	178019	CAT 1401: Construction Cost Estimating	3			

			Robotics (F7)		
			ARTICULATED		
ODE Course	Subject Code	S	Sinclair Course	Credit Hours	Notes
Hydraulics and Pneumatics	010225	EGR 1217	: Fluid Power & Control	2	Proof of passing WebXam Score required for credit.
Industrial Robotics	176025	EGR 2252: Teach	n Pendant Robot Programming	3	Proof of passing WebXam Score required for credit.
			CTAG		
ODE Course	Subject Code	CTAN	Sinclair Course	Credit Hours	Notes
Plan Reading and Estimating	178019	CTCON001 - Plan Reading	CAT 1141: Reading Architectural Drawings	2	
Computer Software Computer Hardware	145030 145025 and	CTIT014 - PC Operating System/A+	CIS 2731: A+ Hardware & Software	4	
DC Electronic Circuits	175105	CTEET001 - DC Circuits	EET 1150: DC Circuits	4	
Digital Electronics	175007	CTEET002 - Digital Electronics	EET 1131: Digital Electronics	4	
			PROFICIENCY		
ODE Course	Subject Code	5	Sinclair Course	Credit Hours	Notes
Plan Reading and Estimating	178019	=	onstruction Cost Estimating	3	
		General Tech	Prep Courses for All Pathways		
The following are general te	ech prep courses a		but often paired with courses in this pa CTAG	athway. These c	ourses may be taught by academic
ODE Course	Subject Code	CTAN	Sinclair Course	Credit Hours	Notes
Current and valid OSHA 10-h	our safety card	CTS001 - Safety	CAT 1431: OSHA Construction Standards 10 Hour	1	
			PROFICIENCY		
ODE Course	Subject Code	9	Sinclair Course	Credit Hours	Notes
N/A		-	0: Customer Service	3	
N/A			Math for Technologists	3	
N/A			omputer Applications for Engineering	1	
			,	· ·	1

	L L		Crosswalk: Information Techn	ology	
		Informatio	n Support and Services (N0)		
005.0	<u></u>		ARTICULATED	0	Г
ODE Course	Subject Code		Sinclair Course	Credit Hours	Notes
Information Technology	145005	BIS 110	05: IT Fundamentals	3	Credit awarded with proof of IT Fundamentals certification or passing WebXam score.
			CTAG		
ODE Course	Subject Code	CTAN	Sinclair Course	Credit Hours	Notes
		CTIT005 - Intro	CIS 1107: Introduction to Operating	-	110100
Computer Software	145030	Desktop O.S.	Systems	3	
Programming	145060	CTPROG001 - Computer Logic	CIS 1111: Introduction to Problem Solving & Computer Programming	3	
Networking	145035 and	CTIT002 - Networking/CompTIA	CIS 1130: Network Fundamentals	3	
Network Management	145045	Network+			
Dbject Oriented Programming 145065	145065	CTPROG003 - C++ Programming	CIS 1202: C++ Software Development	3	
object chenter i regramming		CTPROG002 - Java Programming	CIS 2212: Java Software Development I	3	
Computer Software	145030 and	CTIT011 - MS Windows Desktop OS	CIS 1510: Windows Client Operating System	3	
Network Operating Systems	145040			-	
Networking Operating	145040	CTIT013 - MS Server Administration	CIS 2510: Microsoft Windows Server Operating System	3	
Systems		CTIT016 - Linux	CIS 2550: Linux Operating System	3	
Network Security	145050	CTIT015 - CompTIA Security +	CIS 2640: Network Security	3	
Network Security	143030	CTIT006 - Intro to User Support	CIS 2711: Enterprise Desktop Support Technician	3	
Computer Software	145030 and	CTIT014 - PC Operating System/A+	CIS 2731: A+ Hardware & Software	4	
Computer Hardware	145025 and			7	
·		·			
		•	PROFICIENCY		
ODE Course	Subject Code		Sinclair Course	Credit Hours	Notes
N/A			tion Systems Analysis & Design	3	
N/A		CIS 1160: Int	troduction to Data Literacy	3	NEW! Credit option for AY 24-25, FP Paul Hansford, paul.hansford@sinclair.edu
N/A		CIS 1350: Web Site	Development with HTML & CSS	3	
N/A			Database Management	3	

		In	teractive Media (N1)		
			ARTICULATED		
ODE Course	Subject Code	Sinclair Course BIS 1105: IT Fundamentals		Credit Hours	Notes
Information Technology	145005			3	Credit awarded with proof of IT Fundamentals certification or passing WebXam score.
			CTAG		
ODE Course	Subject Code	CTAN	Sinclair Course	Credit Hours	Notes
Programming	145060	CTPROG001 - Computer Logic	CIS 1111: Introduction to Problem Solving & Computer Programming	3	
Object Oriented Programming	145065	CTPROG003 - C++ Programming	CIS 1202: C++ Software Development	3	
	(CTPROG002 - Java Programming	CIS 2212: Java Software Development I	3	
			PROFICIENCY		
ODE Course	Subject Code	S	Binclair Course	Credit Hours	Notes
N/A		CIS 1140: Informa	tion Systems Analysis & Design	3	
N/A		CIS 1160: In	troduction to Data Literacy	3	NEW! Credit option for AY 24-25, FPS Paul Hansford, paul.hansford@sinclair.edu
N/A		CIS 1350: Web Site	Development with HTML & CSS	3	
N/A		VIS 1100): Design Foundations	4	Credit granted via portfolio review & eLearn shell content completion.
N/A		VIS 1140: Design Processes I		4	Credit granted via portfolio review & eLearn shell content completion.
N/A		VIS 12	10: Design Drawing	4	Credit granted via portfolio review & eLearn shell content completion.
N/A		VIS 12	50: Print Production	4	Credit granted via portfolio review & eLearn shell content completion.

			Networking (N2)		
			ARTICULĂTED		
ODE Course	Subject Code	5	Sinclair Course	Credit Hours	Notes
Information Technology	145005	BIS 110	05: IT Fundamentals	3	Credit awarded with proof of IT Fundamentals certification or passing WebXam score.
			074.0		
0055.0	0.11.10.1	OTAN	CTAG	0 1111	
ODE Course	Subject Code	CTAN	Sinclair Course	Credit Hours	Notes
Computer Software	145030	CTIT005 - Intro Desktop O.S.	CIS 1107: Introduction to Operating Systems	3	
Programming	145060	CTPROG001 - Computer Logic	CIS 1111: Introduction to Problem Solving & Computer Programming	3	
Networking	145035 and	CTIT002 - Networking/CompTIA	CIS 1130: Network Fundamentals	3	
Network Management	145045	Network+			
	115005	CTPROG003 - C++ Programming	CIS 1202: C++ Software Development	3	
Object Oriented Programming	145065	CTPROG002 - Java Programming	CIS 2212: Java Software Development I	3	
Computer Software	145030 and	CTIT011 - MS Windows Desktop OS	CIS 1510: Windows Client Operating System	3	
Network Operating Systems	145040			Ū	
Networking Operating Systems	145040	CTIT013 - MS Server Administration	CIS 2510: Microsoft Windows Server Operating System	3	
Systems		CTIT016 - Linux	CIS 2550: Linux Operating System	3	
Network Security	145050	CTIT015 - CompTIA Security +	CIS 2640: Network Security	3	
Network Security	143030	CTIT006 - Intro to User Support	CIS 2711: Enterprise Desktop Support Technician	3	
Computer Software	145030	CTIT014 - PC Operating System/A+	CIS 2731: A+ Hardware & Software	4	
Computer Hardware	145025 and				
			PROFICIENCY		
ODE Course	Subject Code		Sinclair Course	Credit Hours	Notes
N/A N/A			tion Systems Analysis & Design troduction to Data Literacy	3	NEW! Credit option for AY 24-25, FPS Paul Hansford, paul.hansford@sinclair.edu
N/A			Development with HTML & CSS	3	
N/A		CIS 2165:	Database Management	3	

		Programming	and Software Development (N3)		
			ARTICULATED		
ODE Course	Subject Code		Sinclair Course	Credit Hours	Notes
Information Technology	145005	BIS 1105: IT Fundamentals		3	Credit awarded with proof of IT Fundamentals certification or passing WebXam score.
0055.0		0741	CTAG		
ODE Course	Subject Code	CTAN	Sinclair Course	Credit Hours	Notes
Programming	145060	CTPROG001 - Computer Logic	CIS 1111: Introduction to Problem Solving & Computer Programming	3	
Object Oriented Programming	145065	CTPROG003 - C++ Programming	CIS 1202: C++ Software Development	3	
	140000	CTPROG002 - Java Programming	CIS 2212: Java Software Development I	3	
			PROFICIENCY		
ODE Course	Subject Code	C	Sinclair Course	Credit Hours	Notes
N/A			tion Systems Analysis & Design	3	140105
N/A			troduction to Data Literacy	3	NEW! Credit option for AY 24-25, FPS Paul Hansford, paul.hansford@sinclair.edu
N/A		CIS 1350: Web Site Development with HTML & CSS		3	paulinarisioru@sinciaii.euu
N/A			Database Management	3	
N/A			Python for Data Analytics	3	
10// (010 2200.1	ython for Data Analytics	5	
			Cybersecurity (N4)		
			CTAG		
ODE Course	Subject Code	CTAN	Sinclair Course	Credit Hours	Notes
Computer Software	145030	CTIT005 - Intro Desktop O.S.	CIS 1107: Introduction to Operating Systems	3	
Programming	145060	CTPROG001 - Computer Logic	CIS 1111: Introduction to Problem Solving & Computer Programming	3	
Networking	145035 and	CTIT002 - Networking/CompTIA	CIS 1130: Network Fundamentals	3	
Network Management	145045	Network+			
Computer Software	145030 and	CTIT011 - MS Windows Desktop OS	CIS 1510: Windows Client Operating System	3	
Network Operating Systems	145040				
Networking Operating	145040	CTIT013 - MS Server Administration	CIS 2510: Microsoft Windows Server Operating System	3	
Systems		CTIT016 - Linux	CIS 2550: Linux Operating System	3	
Network Security	145050	CTIT015 - CompTIA Security +	CIS 2640: Network Security	3	
·	140000	CTIT006 - Intro to User Support	CIS 2711: Enterprise Desktop Support Technician	3	
Computer Software	145030	CTIT014 - PC Operating System/A+	CIS 2731: A+ Hardware & Software	4	
	145025 and				

		General Tech Prep Courses for All Pathways		
The following are general to	ech prep courses av	ailable to all pathways but often paired with courses in this	pathway. These c	ourses may be taught by academic
		PROFICIENCY		
ODE Course	Subject Code	Sinclair Course	Credit Hours	Notes
N/A		BIS 1120: Introduction to Software Applications	3	PR credit is earned by completing eLear shell content. AA credit is earned by providing proof of Microsoft Office Specialist (MOS) certification. AY 24-25 Must test using Office 365/2021.
N/A		BIS 1201: Keyboarding & Document Formatting	3	
N/A		BIS 1230: Spreadsheet Software	3	Graded project along with proof of passir the Microsoft Office Specialist (MOS) Excel certification exam required for credit. AY 24-25: Must test using Office 365/2021.
N/A		BIS 1400: Customer Service	3	
N/A		MAT 1120: Business Mathematics	3	25-26 AY UPDATE: Business Mathematics, 15th Edition; Clendenen, Moninger, Salzman; Pearson; 978-0134697222

		ODE-Sinclair Cre	edit Crosswalk: Health Scienc	е	
		Exercise Sci	ence and Sports Medicine (J6)		
			ARTICULATED		
ODE Course	Subject Code	S	Binclair Course	Credit Hours	Notes
Patient Centered Care and Diagnostics	072055	ALH 112	0: Nurse Aide Training	4	Proof of STNA Certification required for credit. New FPS for AY 24-25 - Ayisha Walker, ayisha.walker@sinclair.edu
Principles of Allied Health	072035	ALH 1130: 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. New FPS for AY 24-25 - Kelly Gruver, kelly.gruver@sinclair.edu
		ALH 1132: Hea	11132: Heartsaver First Aid, CPR & AED		AHA Heartsaver First Aid, CPR/AED card required for credit. New FPS for AY 24-25 - Kelly Gruver, kelly.gruver@sinclair.edu
			CTAG		
ODE Course	Subject Code	CTAN	Sinclair Course	Credit Hours	Notes
Exercise and Athletic Training	072000	CTES001 - Introduction to Exercise Science	ENS 1116: Exercise Science & Health Promotion	2	Holos
Fitness Evaluation and Assessment	072020	CTES002 - Fitness and Health Foundations	ENS 1118: Lifetime Physical Fitness & Wellness	3	
Medical Terminology	072150	CTMT001 - Medical Terminology	HIM 1101: Medical Terminology	2	
			PROFICIENCY		
ODE Course	Subject Code	-	Sinclair Course	Credit Hours	Notes
Health Science and Technology	072001		duction to Healthcare Delivery	2	New FPS for AY 24-25 - Johanne Doty, johanne.doty@sinclair.edu
Nutrition and Wellness	072015	DIT 1111 Nu	trition for Health & Fitness	3	

ODE Course Patient Centered Care and Diagnostics	Subject Code		ARTICULATED Sinclair Course D: Nurse Aide Training	Credit Hours	Notes
Patient Centered Care and				Credit Hours	Notes
	072055	ALH 1120), Nurse Aide Training		
				4	Proof of STNA Certification required for credit. New FPS for AY 24-25 - Ayisha Walker, ayisha.walker@sinclair.edu
Principles of Allied Health	ed Health 072035		1	Two cards required for credit: a card for AHA Basic Life Support for Healthcare Provider AND AHA Heartsaver First Aid. New FPS for AY 24-25 - Kelly Gruver, kelly.gruver@sinclair.edu	
		ALH 1132: Hear	ALH 1132: Heartsaver First Aid, CPR & AED		AHA Heartsaver First Aid, CPR/AED card required for credit. New FPS for AY 24-25 - Kelly Gruver, kelly.gruver@sinclair.edu
			CTAG		
ODE Course	Subject Code	CTAN	Sinclair Course	Credit Hours	Notes
Clinical Laboratory Techniques	072100	CTMLT001 - Intro to Medical (Clinical) Laboratory Science	CLT 1200/ 1203 Introduction to Clinical Laboratory w/Lab	2	
Dental Radiography	072076	CTDA002 - Dental Assisting	DAS 1206/ 1207: Dental Assisting Radiography w/Lab	2	
Medical Terminology	072150	CTMT001 - Medical Terminology	HIM 1101: Medical Terminology	2	
Health Information Technology	072135	CTHIM001 - Intro to Health Information Management	HIM 1110: Health Information Processing	3	
Health Information Management	072140	CTHIM002 - Legal and Ethical Aspects of Health Information Management	HIM 1204: Medicolegal & Ethics in Healthcare Records	2	
Mental Health	072065	CTBH001 - Mental Health	MHT 1101: Introduction to Mental Health Services	3	
Integrated Behavioral Health	072066	CTBH002 - Chemical Dependency	MHT 1130: Fundamentals of Addiction Counseling CDCA Preliminary	3	
			PROFINITION		
	Outlinet O		PROFICIENCY	Orregitati	N
ODE Course Health Science and Technology	Subject Code 072001		inclair Course Juction to Healthcare Delivery	Credit Hours 2	Notes New FPS for AY 24-25 - Johanne Doty, johanne.doty@sinclair.edu
N/A		DEH 1102: Inti	DEH 1102: Introduction to Dental Hygiene		Cost per student associated with this course. Please contact Candice Flowers- Taylor (candice.flowers-tayl@sinclair.edu) for specifics. New FPS for AY24-25 Wendy Moore.
Nutrition and Wellness	072015	DIT 1111: Nu	trition for Health & Fitness	3	

		The	rapeutic Services (JN)		
			CTAG		
ODE Course	Subject Code	CTAN	Sinclair Course	Credit Hours	Notes
	070005	CTBH001 - Mental	MHT 1101: Introduction to Mental	0	
Mental Health	072065	Health	Health Services	3	
Integrated Behavioral Health	072066	CTBH002 - Chemical Dependency	MHT 1130: Fundamentals of Addiction Counseling CDCA Preliminary	3	
		Ma	diad Piccoiones (10)		
		IVIE	dical Bioscience (J0)		
			ARTICULATED		
ODE Course	Subject Code		Sinclair Course	Credit Hours	Notes
Principles of Allied Health	072035	ALH 1130: Basic Life Support Training for Healthcare Provider ALH 1132: Heartsaver First Aid, CPR & AED		1	Two cards required for credit: a card fo AHA Basic Life Support for Healthcare Provider AND AHA Heartsaver First Aic New FPS for AY 24-25 - Kelly Gruver, kelly.gruver@sinclair.edu
				1	AHA Heartsaver First Aid, CPR/AED ca required for credit. New FPS for AY 24-25 - Kelly Gruver, kelly.gruver@sinclair.edu
			CTAG	1	1
ODE Course	Subject Code	CTAN	Sinclair Course	Credit Hours	Notes
Medical Terminology	072150	CTMT001 - Medical Terminology	HIM 1101: Medical Terminology	2	
Biotechnology for Health and Disease	072125	CTBTC001	BTN 1110: Biotechnology & Bioethics	3	
			PROFICIENCY		
ODE Course	Subject Code		Sinclair Course	Credit Hours	Notes
Health Science and Technology	072001	ALH 1101: Intro	duction to Healthcare Delivery	2	New FPS for AY 24-25 - Johanne Doty, johanne.doty@sinclair.edu
N/A		BIO 1107/ 11	108: Human Biology w/Lab	3	
N/A			afety & Regulatory Compliance	2	

		Health Inf	ormation Management (J7)		
			ARTICULATED		
ODE Course	Subject Code		inclair Course	Credit Hours	Notes
Patient Centered Care and Diagnostics	072055	ALH 1120: Nurse Aide Training		4	Proof of STNA Certification required for credit. New FPS for AY 24-25 - Ayisha Walker, ayisha.walker@sinclair.edu
Principles of Allied Health	072035	ALH 1130: 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. New FPS for AY 24-25 - Kelly Gruver, kelly.gruver@sinclair.edu
		ALH 1132: Hear	ALH 1132: Heartsaver First Aid, CPR & AED		AHA Heartsaver First Aid, CPR/AED card required for credit. New FPS for AY 24-25 - Kelly Gruver, kelly.gruver@sinclair.edu
		•	CTAG		,
ODE Course	Subject Code	CTAN	Sinclair Course	Credit Hours	Notes
Medical Terminology	072150	CTMT001 - Medical Terminology	HIM 1101: Medical Terminology	2	1000
Health Information Technology	072135	CTHIM001 - Intro to Health Information Management	HIM 1110: Health Information Processing	3	
Health Information Management	072140	CTHIM002 - Legal and Ethical Aspects of Health Information Management	HIM 1204: Medicolegal & Ethics in Healthcare Records	2	
			PROFICIENCY		
ODE Course	Subject Code		Sinclair Course	Credit Hours	Notes
Health Science and Technology	072001		Juction to Healthcare Delivery	2	New FPS for AY 24-25 - Johanne Doty, johanne.doty@sinclair.edu
		General Tech	Prep Courses for All Pathways		
The following are general te	ech prep courses		out often paired with courses in this pa	athway. These c	ourses may be taught by academic
			CTAG		
ODE Course	Subject Code	CTAN	Sinclair Course	Credit Hours	Notes
Current and valid OSHA 10-h	nour safety card	CTS001 - Safety	CAT 1431: OSHA Construction Standards 10 Hour	1	
			PROFICIENCY		
ODE Course	Subject Code	S	inclair Course	Credit Hours	Notes
N/A		BIO 1107/ 11	08: Human Biology w/Lab	3	
N/A		BIS 140	0: Customer Service	3	
N/A		MAT 1130: Mat	hematics in Health Sciences	3	

	(DDE-Sinclair Credit (Crosswalk: Hospitality and To	urism	
			Culinary Arts (L0)		
			CTAG		
ODE Course	Subject Code	CTAN	Sinclair Course	Credit Hours	Notes
Fundamentals of Food Production	330100	CTCF005 - Food Production Lab	HMT 1101: Basic Culinary Skills	2	
Hospitality Fundamentals	330000	CTCF002 -Introduction to Hospitality and Tourism	HMT 1105: Introduction to the Hospitality & Tourism Industry	2	
ServSafe® Manager Ce	ertification	CTCF001 - Sanitation and Safety	HMT 1107: Sanitation & Safety	2	
Baking and Pastry Arts	330125	CTCF010 - Baking and Pastry Arts	HMT 1129: Restaurant Desserts	3	
Restaurant Management	330120	CTCF009 - Food Principles & Purchasing	HMT 2226: Hospitality Purchasing & Negotiations	2	
			PROFICIENCY		
ODE Course	Subject Code		Sinclair Course	Credit Hours	Notes
	330125		aking I, II, & Barista Basics		Notes
Baking and Pastry Arts	330125			4	
N/A		HMT 2201: Food Service Equipment, Design, & Maintenance		2	
N/A		HMT 2227: Hospitality Marketing		2	
N/A		MAT 1125: Math for the Culinary Arts & Baking & Pastry Arts Professional		3	New FPS for AY 24-25 - Kristin Killen kristin.killen@sinclair.edu
			Hospitality (L1)		
			CTAG		
ODE Course	Subject Code	CTAN	Sinclair Course	Credit Hours	Notes
Hospitality Fundamentals	330000	CTCF002 -Introduction to Hospitality and Tourism	HMT 1105: Introduction to the Hospitality & Tourism Industry	2	
ServSafe® Manager Ce	ertification	CTCF001 - Sanitation and Safety	HMT 1107: Sanitation & Safety	2	
Hospitality Management	330035	CTCF007 - Technology in the Hospitality Industry	HMT 1137: Hospitality Industry Computer Systems	2	
Front Office Management and	330030	CTCF008 - Front Office Operations and	HMT 1136: Front Office Operations	2	
Operations		Housekeeping	HMT 1139: Housekeeping Management	2	
			PROFICIENCY		
ODE Course	Subject Code		Sinclair Course	Credit Hours	Notes
			& Events Contracts & Obligations	1	
	330021		g & Events Set-up & Breakdown	2	
Event and Food Planning					
Event and Food Planning		General Tech	Prep Courses for All Pathways		
, , , , , , , , , , , , , , , , , , ,	ch prep courses		out often paired with courses in this pa	thway. These co	ourses may be taught by academic
The following are general te		available to all pathways I	but often paired with courses in this pa PROFICIENCY		
, , , , , , , , , , , , , , , , , , ,	ech prep courses Subject Code	available to all pathways I	out often paired with courses in this pa	thway. These co Credit Hours 3	ourses may be taught by academic

		Cosmetology (M1)		
		ARTICULATED		
ODE Course	Subject Code	Sinclair Course	Credit Hours	Notes
N/A		PRL 2107: Cosmetology	30	Proof of active State of Ohio Cosmetol license required for credit.
		General Tech Prep Courses for All Pathways		
The following are general	tech prep courses ava	ailable to all pathways but often paired with courses in this	pathway. These c	ourses may be taught by academic
		PROFICIENCY		
ODE Course	Subject Code	Sinclair Course	Credit Hours	Notes
N/A		BIS 1120: Introduction to Software Applications	3	PR credit is earned by completing eLe shell content. AA credit is earned by providing proof of Microsoft Office Specialist (MOS) certification. AY 24- Must test using Office 365/2021.
N/A		BIS 1201: Keyboarding & Document Formatting	3	
N/A		BIS 1230: Spreadsheet Software	3	Graded project along with proof of pas the Microsoft Office Specialist (MOS Excel certification exam required fo credit. AY 24-25: Must test using Offi 365/2021.
N/A		BIS 1400: Customer Service	3	
Business Foundations	141000	MAN 1107: Foundations of Business	3	
N/A		MAT 1120: Business Mathematics	3	25-26 AY UPDATE: Business Mathematics, 15th Edition; Clendene Moninger, Salzman; Pearson; 978- 0134697222

			it Crosswalk: Law & Public Sa		
	Fire	ighting & Emergency M	edical Services (P6) and Criminal Ju	ustice (P1)	
		-	ARTICULATED	-	1
ODE Course	Subject Code		Sinclair Course	Credit Hours	Notes
Firefighter I	170343	FST 1102: Firefighter I		7	NEW! AA Credit option for AY 24-2
Firefighter II	170344		: Firefighter II Transition	4	FPS - Kirk Temple,
Emergency Vehicle Operator N/A		FST 1442: Er	mergency Vehicle Operator	1	kirk.temple@sinclair.edu
			CTAG		
ODE Course	Subject Code	CTAN	Sinclair Course	Credit Hours	Notes
The American Criminal Justice System	170911	CTCJ001 - Introduction to Criminal Justice	CJS 1101: Introduction to Criminal Justice Science		
Police Work & Practice in Public Safety	170913]		3	Credit Recognition Guide
The Correctional System & Services	170915				
		CTEMS001 -	EMS 1100: Emergency Medical		
		Emergency Medical Responder	Responder Lecture & Laboratory	2	
		CTEMS002 -	EMS 1150 & EMS 1155: Emergency		
		Emergency Medical	Medical Technician: Lecture &	7	
		Technician	Laboratory for Emergency Medical Technician	7	
		CTEMS004 -	EMS 2100: Applied Anatomy,		
		Paramedic	Physiology & Pathophysiology for Emergency Medical Services	3	
			Provider 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		EMS 2135: Paramedic 2: Clinical	2	
			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 EMS 2200: Paramedic 5:	1	
			EMS 2200: Paramedic 5: Integration/ Refresher Lecture EMS 2205: Paramedic 5:	2	
			Integration/ Refresher Laboratory	1	
Medical Terminology	072150	CTMT001 - Medical Terminology	HIM 1101: Medical Terminology	2	
			PROFICIENCY		
	Subject Code		Sinclair Course	Credit Hours	Nistas
ODE Course N/A	Subject Code		1105: Criminal Law		Notes Credit Recognition Guide
Investigations and Forensics in Criminal Investigations	170914		to Criminal Investigation & Forensic Science	3	New FPS for AY 24-25 - Joe Niehaus, joseph.niehaus@sinclair.edu

	-		Prep Courses for All Pathways		
I he following are general to	ech prep courses a	vailable to all pathways	but often paired with courses in this p	athway. These co	ourses may be taught by academic
			ARTICULATED	-	1
ODE Course	Subject Code	9	Sinclair Course	Credit Hours	Notes
Principles of Allied Health	072035	ALH 1130: Basic Life Support Training for Healthcare Provider ALH 1132: Heartsaver First Aid, CPR & AED		1	Two cards required for credit: a card fo AHA Basic Life Support for Healthcare Provider AND AHA Heartsaver First Aid New FPS for AY 24-25 - Kelly Gruver, kelly.gruver@sinclair.edu
				1	AHA Heartsaver First Aid, CPR/AED ca required for credit. New FPS for AY 24-25 - Kelly Gruver, kelly.gruver@sinclair.edu
			CTAG		
ODE Course	Subject Code	CTAN	Sinclair Course	Credit Hours	Notes
Current and valid OSHA 10-hour safety card		CTS001 - Safety	CAT 1431: OSHA Construction Standards 10 Hour	1	
			PROFICIENCY		-
ODE Course	Subject Code	Sinclair Course		Credit Hours	Notes
N/A		BIO 1107/ 1108: Human Biology w/Lab		3	
N/A		BIS 1400: Customer Service		3	
N/A		MAT 1130: Mathematics in Health Sciences		3	

	OD	E-Sinclair Credit Cro	sswalk: Manufacturing Techr	nologies			
			cturing Operations (R7)				
			ARTICULATED				
ODE Course	Subject Code		inclair Course	Credit Hours	Notes		
Hydraulics and Pneumatics	010225	EGR 1217: Fluid Power & Control		2	Proof of passing WebXam Score required for credit.		
Industrial Robotics	176025		Pendant Robot Programming	3	Proof of passing WebXam Score required for credit.		
N/A		ISE 1201: Introduction to Manufacturing Safety		2	MSSC - Certified Production Technician (CPT) Certification or MSSC - Introduction to Manufacturing Safety Certificate		
N/A			Practices & Measurement for Manufacturing	2	MSSC - Certified Production Technician (CPT) Certification or MSSC - Quality Practices and Measurement for Manufacturing		
N/A		ISE 1203: Manufa	cturing Processes & Production	2	MSSC - Certified Production Technician (CPT) Certification or MSSC - Manufacturing Processes and Production		
N/A		ISE 1204: Maintenar	nce Awareness for Manufacturing	2	MSSC - Certified Production Technician (CPT) Certification or MSSC - Maintenance Awareness for Manufacturing		
N/A		ISE 1300: Fundamentals of Dimensional Metrology		3	NEW! Credit option for AY 24-25, FPS - Cole Glover, cole.glover@sinclair.edu		
N/A		ISE 2240: Six Sigma: Green Belt		3	The student must supply proof of earning a Six Sigma Green Belt Credential		
N/A		MET 1301: SolidWorks Basics		4	Proof of Solidworks certification required for credit.		
			CTAG				
ODE Course	Subject Code	CTAN	Sinclair Course	Credit Hours	Notes		
Digital Electronics	175007	CTEET002 - Digital Electronics	EET 1131: Digital Electronics	4	Notes		
Computer Integrated Manufacturing	175006	CTMET005 - Computer Aided Drafting and Design (CADD)	MET 1231: Introduction to Engineering Design Using 3D CAD	4			
	•	•		•	•		
			PROFICIENCY		N /		
ODE Course N/A	Subject Code		inclair Course on to Mechanical Drafting with CAD	Credit Hours 3	Notes		
N/A N/A			achine Shop Fundamentals	3			
Machine Tools	176004		mentals of Tooling & Machining	3			
N/A	110001		vanced Machine Operations	3			
			•		·		
Metallurgy (R8) CTAG							
ODE Course	Subject Code	CTAN	Sinclair Course	Credit Hours	Notes		
Plan Reading and Estimating	178019	CTCON001 - Plan Reading	CAT 1141: Reading Architectural Drawings	2			
			PROFICIENCY				
ODE Course	Subject Code	S	inclair Course	Credit Hours	Notes		
Plan Reading and Estimating	178019		Instruction Cost Estimating	3			
	·	General Tech	Prep Courses for All Pathways		· · · · · · · · · · · · · · · · · · ·		
The following are general to	ech prep courses a		out often paired with courses in this pa CTAG	athway. These co	ourses may be taught by academic		
ODE Course	Subject Code	CTAN	Sinclair Course	Credit Hours	Notes		
Current and valid OSHA 10-h		CTS001 - Safety	CAT 1431: OSHA Construction Standards 10 Hour	1			

PROFICIENCY						
ODE Course	ODE Course Subject Code Sinclair Course 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	1			

	ODE-S		walk: Transportation System	s - Aviation			
1 D.7.1			Transportation (TA)				
ARTI			es-Articulated credit through FAA a erplant Certificate, they will earn Ai				
ODE Course	Subject Code		Sinclair Course	Credit Hours	Notes		
N/A	Subject Code		3: Drawings for Aviation	2	INDIES		
N/A			egulations for Maintenance	3	-		
N/A			18: Weight & Balance	3	4		
N/A			Basic Aviation Electricity I	2	4		
N/A		AVT 1132: Basic Aviation Electricity II		2	FAA Credential Required		
	N/A		: Materials & Processes	4	1 '		
N/A			1213: Corrosion	2	1		
N/A		AVT 2143: Review & Recommendation		2	1		
N/A		AVT 2237: Aircraft	Inspections (Airframe and Eng.)	3	1		
			Certificate, they will earn Articulate		1		
ODE Course	Subject Code		Binclair Course	Credit Hours	Notes		
N/A			Airframe Safety Systems	2	4		
N/A			107: Fuel Systems	3	4		
N/A			struments/Communications	3	4		
N/A			1136: Sheet Metal	4			
N/A			Cabin Atmospheric Control	3	FAA Credential Required		
N/A			218: Utility Systems	4	4		
N/A			1: Assembly & Rigging	3	4		
N/A N/A			irframe Electrical Systems Non-Metallic Structures	4 3	4		
N/A		AVI 2236:	Non-Metallic Structures	3			
	lf studo	nt earns FAA Powernlan	t Certificate, they will earn Articula	ted Credit for:			
ODE Course	Subject Code	•	Binclair Course	Credit Hours	Notes		
N/A			owerplant Safety Systems	3	110103		
N/A			22: Ignition & Starting	3	1		
N/A			AVT 2126: Reciprocating Engines		1		
N/A		AVT 2129: Propellers		4 2	FAA Credential Required		
N/A			ngine Fuel & Fuel Metering	3	1		
N/A		AVT 2219: Turbine Engines 4		1			
			CTAG	1	1		
ODE Course	Subject Code	CTAN	Sinclair Course	Credit Hours	Notes		
Aviation	177013	CTAIR004 - Introduction to Aviation	AVT 1105: Orientation to Aviation	2			
Aviation Pilot Training	177021	CTAIR005 - Private Pilot Theory	AVT 1110: Private Pilot Ground School	3			
Aviation Meterology	177019	CTAIR003 - Aviation Meterology	AVT 1119: Aviation Meteorology	2			
Aviation Airport Management	177020	CTAIR001 - Air Transportation	AVT 2146: Introduction to Airline Operations	3			
			PROFICIENCY				
ODE Course	Subject Code	S	Sinclair Course	Credit Hours	Notes		
N/A		AVT 1101: Introduct	ion to Unmanned Aerial Systems	2	New FPS for AY 24-25 - Tommy Sunderhaus,		
N/A		AVT 1103: Remote Pilot Ground School		1	tommy.sunderhaus@sinclair.edu 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 Remote Pilot Certification. New FPS for AY 24-25 - Tommy Sunderhaus, tommy.sunderhaus@sinclair.edu		
	N/A		AVT 1104: UAS Standards, Regulations & Law		New FPS for AY 24-25 - Tommy		
N/A		AVT 1104: 0A3 (, 3	1	Sunderhaus, tommy.sunderhaus@sinclair.edu		
N/A		AVT 1141: Prin	ciples of Aviation Leadership	1 2			
		AVT 1141: Prin AVT 2150: Crew F					

JROTC						
PROFICIENCY						
ODE Course	Subject Code	Sinclair Course Credit Hours Notes				
N/A		AVT 1141: Principles of Aviation Leadership	2			
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						
		PROFICIENCY				
ODE Course Subject Code Sinclair Course C			Credit Hours	Notes		
N/A BIS 1400: Customer Service 3						
N/A MAT 1110: Math for Technologists			3			
N/A MET 11		MET 1131: Personal Computer Applications for Engineering	1			

	ODE-Sir	nclair Credit Crossw	alk: Transportation Systems	- Automotive	
			nd Transportation (T9)		
			ARTICULATED		
ODE Course	Subject Code	S	inclair Course	Credit Hours	Notes
N/A	•		Consumer Automotive	2	Credit is earned by graduating from a secondary career technical automotive program.
N/A		AUT 1108: Αι	itomotive 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		AUT 1114: Automotiv	ve Electrical/Electronic Systems 1	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		AUT 1116: Automotive Steering & Suspension Systems		3	Students must successfully complete 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 ASE student certification exam A5- Brakes with a passing grade of 70% or higher to be awarded credit.
		CTAN	CTAG		N /
ODE Course Ground Transportation Maintenance AND ASE/NATEF examination for I	Subject Code 177000	CTAN CTAUT005 - Introduction to Automotive Service and Repair	Sinclair Course AUT 1102: Introduction to Automotive Service	Credit Hours 2	Notes Credit Recognition Guide
				1	<u> </u>
			Prep Courses for All Pathways		
The following are general to	ech prep courses a	available to all pathways b	out often paired with courses in this pa	athway. These c	ourses may be taught by academic
			PROFICIENCY	Credit Hours	
ODE Course	Subject Code		Sinclair Course		Notes
N/A		-	0: Customer Service	3	
N/A			Math for Technologists	3	
N/A	1				