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.									
			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		BIO 1107/1108	Human Biology w/Lab	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	
Business Foundations	141000	MAN 1107	Foundations of Business	3	
N/A		MAT 1110	Math for Technologists	3	
N/A		MAT 1120	Business Mathematics	3	
N/A		MAT 1125	Math for the Culinary Arts Baking and Pastry Arts Professional	3	
N/A		MAT 1130	Mathematics in Health Sciences	3	New FPS 22-23AY - Patti Bromer
N/A		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-hour CTS001 - safety card Safety CAT		CAT 1431	OSHA Construction Standards 10 Hour	1						

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

Agribusiness and Froduction Systems (AS)									
ARTICULATED									
ODE Course Subject Code Sinclair Course Name Credit Hours Notes									
Agriculture, Food and Natural Resources	010105	AGR 1160	Introduction to Agricultural Science	1	Credit carned via FFA membership				

	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)									
		ARTIC	ULATED						
ODE Course Subject Code Sinclair Course Name Credit Hours Notes									
Agriculture, Food and Natural Resources 010105 AGR 1160 Introduction to Agricultural Science 1 Credit carned via FFA membership									

		Anima	I Science &	& Management (A2)		
				CIENCY		
ODE Course	SL	ıbject Code	Sinclair Course	Sinclair Course Name	Credit Hours	Notes
Veterinary Science		010930	VET 1102	Introduction to Vet Technology I	3	
		010000	VET 1202	Introduction to Vet Technology II	3	
			ARTIC	ULATED		
Agriculture, Food and Natural Resources		010105	AGR 1160	Introduction to Agricultural Science	1	Credit carned via FFA membership
			C.	ΓAG		
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) ARTICULATED									
ARTICULATED ODE Course Subject Code Sinclair Sinclair Course Name Credit Hours Notes									
Agriculture, Food and Natural Resources	010105	AGR 1160	Introduction to Agricultural Science	1	Credit carned via FFA membership				

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

Horticulture (A5)								
		ARTIC	ULATED					
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 carned via FFA membersh								

	Natural Resource Management (A6)								
			ARTIC	ULATED					
ODE Course	SL	ıbject Code	Sinclair Course	Sinclair Course Name	Credit Hours	Notes			
Agriculture, Food, and Natural Resources		010105	AGR 1160	Introduction to Agricultural Science	1	Credit carned via FFA membership			
			C	TAG		•			
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 Tech Prep Courses for All Pathways								
The following are general tech prep courses a	vailable to all pathways but	often paired wi	th courses in this pathway. These courses	may be ta	aught by academic instructors. To see			
a comp	rehensive list of all courses	available to all	pathways, visit the General Course Offerin	gs page.				
			CIENCY					
ODE Course	ODE Course Subject Code Sinclair Course Name Credit Notes Notes							
N/A BIO 1107/1108 Human Biology w/Lab 3								

N/A			Customer Service	3	
Business Foundations 141000		MAN 1107	Foundations of Business	3	
N/A		MAT 1130	Mathematics in Health Sciences	3	New FPS 22-23AY - Patti Bromer
N/A		MET 1131	Personal Computer Applications for Engineering Technology	1	

ARTICULATED									
ODE Course	Sinclair Course	Sinclair Course Name	Credit Hours	Notes					
Financial Accounting	143005	ACC 1100	Small Business Accounting	3	**Changed from Proficiency to Articulated. To earn ACC 1100 credit, must provide proof of passing WebXam score.				
A1 Industrial Power Technology ONLY	AUT 1100	Automotive Technology	3	Credit is earned by graduating from a secondary career technical automotive program.					
HAZWOPER Techniciar	FST 1555	Hazardous Waste Operations & Emergency Response (HAZWOPER)	3	Proof of OSHA Standard 29 CFR 1910.120 or EPA 40 CFR Part 300 required for credit.					

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

ODE-Sinclair Credit Crosswalk: Arts and Communication

Media Arts (B0)									
	PROFICIENCY								
ODE Course	ODE Course Subject Code Sinclair Course Sinclair Course Name Credit Hours Notes								
Media Arts Writing	340115 or	JOU	JOU Departing and Writing for Madia	3					
Multi-Media Web Production	340160	2203	Reporting and Writing for Media	3					
N/A JOU Introduction to Journalism 3									
	Porforming Arts (P1)								

Performing Arts (B1)

No current 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	New FPS 22-23 - Jeffrey Sommer					
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 CTAN Code	Sinclair Course	Sinclair Course Name	Credit Hours	Notes					

Advertising and Communications	340340	CTVDI002 - Fundamentals of Advertising and Communication	MRK 2102	Principles of Advertising	3	
Typography	340320	CTVDI001 - Design and Typography Fundamentals	VIS 1208	Typography	4	

		Ger	eral Cou	ses- All Pathways		
The following are general tech pre	p courses a			urses in this pathway. These courses may b vays, visit the General Course Offerings pag		lemic instructors. To see a comprehensive
		list of all courses avail		original course offerings pages of the second se	le.	
ODE Course		Subject Code	Sinclair Course	Sinclair Course Name	Credit Hours	Notes
	N/A	E	3IS 1400	Customer Service	3	
	N/A		MAT	Business Mathematics	3	
	C	DE-Sinclair Credit	Crossw	alk: Business/Finance/M	arketing	
		Busine	ess & Adm	nistrative Services (C4)		
				TCULATED		
Financial Accounting	Financial Accounting 143005		ACC 1100	Small Business Accounting	3	**Changed from Proficiency to Articulated. To earn ACC 1100 credit, must provide proof of passing WebXam score.
			DI	OFICIENCY		
ODE Course		Subject Code	Sinclair Cours		Credit Hours	Notes
International Business		141035	MAN 1110	International Business	3	
	N/A		MAN 1114	Introduction to Sports Management	3	NEW!
Marketing Principles		144000	MRK 2100	Foundations of Marketing	3	
Professional & Technical Sales		144030	MRK 2225	Sales Fundamentals	3	
FIDIESSIDIIAI & TECHNICAI Sales		144050	WINK 2223	Sales i unuamentais	5	
Finance Foundations		143000		Personal Finance	3	**There is a Personal Finance CTAG for the Family and Consumer Science Pathway. That CTAG is no approved for this subject code, so this course will remain a Proficiency option on bilateral agreements until changes are made by the state.
			•	CTAG		·
ODE Course	Subject	CTAN	Sinclair Cour		Credit Hours	Notes
	Code					
Supply Chain Management	142025	CTSCM001 - Introduction to Supply Chain Management Technology	MAN 2159	Supply Chain Management Concepts and Applications	3	
Medical Office Management	142015	CTMMS001 - Medical Office Procedures	BIS 2180	Medical Office Simulation	3	
Medical Terminology	072150	072150 CTMT001 - Medical Terminology		Medical Terminology	3	
			Fin	ance (G2)		
Financial Accounting		143005	ACC 1100	Small Business Accounting	3	**Changed from Proficiency to Articulated. T earn ACC 1100 credit, must provide proof o passing WebXam score.
	I		ļ	<u> </u>		
005.0				OFICIENCY	1.0	
ODE Course		Subject Code	Sinclair Cours		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	

Finance Foundations	143000	FIN 2450	Personal Finance	3	**There is a Personal Finance CTAG for the Family and Consumer Science Pathway. That CTAG is not approved for this subject code, so this course will remain a Proficiency option on bilateral agreements until changes are made by the state.
			ting (S5)		
			ICIENCY		
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	
	N/A	MAN 1114	Introduction to Sports Management	3	NEW!
Finance Foundations	143000	FIN 2450	Personal Finance	3	**There is a Personal Finance CTAG for the Family and Consumer Science Pathway. That CTAG is not approved for this subject code, so this course will remain a Proficiency option on bilateral agreements until changes are made by the state.

CTAG										
ODE Course	Subject Code	CTAN	Sinclair Course	Sinclair Course Name	Credit Hours	Notes				
Supply Chain Management	142025	CTSCM001 - Introduction to Supply Chain Management Technology	MAN 2159	Supply Chain Management Concepts and Applications	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 Course Sinclair Course Name Notes Credit Hours **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 Keyboarding & Document Formatting BIS 1201 N/A 3 N/A BIS 1400 Customer Service 3

ODE-Sinclair Credit Crosswalk: Construction Technologies

Business Mathematics

3

MAT 1120

N/A

Structural Systems (DD), Mechanical, Electrical and Plumbing (DE), and Construction Design and Management (DF)

			PROFICIENCY					
ODE Course	Subject 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	178007	CAT 1741	Residential Electrical Systems	2				
Residential Electrical Systems	178008	CAT 1741	Residential Electrical Systems	3				
Masonry-Brick & Block	Masonry-Brick & Block 178005		Interior & Exterior Finishes	3				
Concrete & Residential Masonry	178006	- CAT 1761		3				
Construction Pre- Apprenticeship/Capstone	178029	CAT 1781	Construction Project	4				
Construction Management	178022	CAT 2401	Construction Project Management	3				
Plan Reading and Estimating	178019	CAT 1401	Construction Cost Estimating	3				
N/.	A	Heating Systems	3	NEW!				
ARTICULATED								
ODE Course	Subject Code	Sinclair Course	Sinclair Course Name	Credit Hours	Notes			

			1						
N/A				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			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		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		EET 1181	Electrical Construction I (NCCER Electrical Level 1)	2	Proof of NCCER Electrical Level 1 required for credit.			
				CTAG					
ODE Course	Subject Code	CTAN	Sinclair Course	Sinclair Course Name	Credit Hours	Notes			
Carpentry & Masonry Technical Skill	s 178001	CTCON003 - Construction Methods and Materials	CAT 1201	Construction Methods and Materials	3				
Current and valid OHSA 10-hour	safety card	CTS001 - Safety	CAT 1431	OSHA 10 Hour Safety	1				
Construction Safety & Crew Leadership AND	178018	CTCON002 -	CAT 2431	Occupational Safety and Health	2	Must pass WebXam AND receive certification to			
Obtain a valid OSHA 30 hour care construction	d in general	Construction Safety	CAT 2431	Administration (OSHA)	2	receive credit			
Plan Reading	178019	CTCON001 - Plan Reading	CAT 1141	Architectural Blueprint Reading	2				
Alternative Power Generation Systems	10/15		EGV 1101	Alternate & Renewable Energy Sources	3				
	·	Conoral	Tooh Dr	ep Courses for All Pathways					
The following are general tech prep cours	ses available to a					tors. To see a comprehensive list of all courses available			
				risit the General Course Offerings page. PROFICIENCY					
ODE Course		Subject Code	Sinclair	Sinclair Course Name	Credit	Notes			
	N/A		Course BIS 1400	Customer Service	Hours 3				
				Personal Computer Applications for					
1	N/A		MET 1131	Engineering Technology	1				
1	N/A		MAT 1110	Math for Technologists	3				
	ODE-Sinclair Credit Crosswalk: Education & Training								
Early Childhood Education (E0)									
CTAG									
ODE Course	Subject Code	CTAN	Sinc	lair Sinclair Course Name	Credit Ho	Notes			
Early Childhood Education Principles	350205	CTECE001 - Introductio Education	n to ECE 1	100 Introduction to Early Childhood Education	3				
Health, Safety and Nutrition	350230	CTECE002 - Health, Saf and Nutrition	ECE 1	202 Healthy and Safe Environments	3				
Infant and Toddler Education	350210	CTECE003 - Infant an Toddler Curriculum	d ECE 2	2302 Infant and Toddler Curriculum	3				
			Teach	ing Professions (E1)					

Education Principles 360010 CTEDU007 - Instructure Beducation EDU 1100 Instructure 3 Concertaintics Concertaintics 3 Concertaintics Concertaintics 3 Concertaintics Concertaintics Concertaintics 3 Concertaintics Concentaintics Concentaintics	ODE Course	Subject Code	CTAN	Sinclair	Sinclair Course Name	Credit Hours	Notes					
The following sequence that funge counses enough terms of the parties of the counse for an end of the counse is the parties of the counse for the co			CTEDU007 - Introduction to									
The bideney fact processes another bit of purport. The socrate integrate controls. The use comprehenses for differences in the purport and the control integrates. Proceedings of the processes another in the purport. DOE Charace OPERCENCY OPERCENCY OPERCENCY OPERCENCY OPERCENCY OPERCENCY OPERCENCY OPERCENCY OPERCENCY Nota OPERCENCY Nota OPERCENCY Nota OPERCENCY ANT 120 Colspan="2">Colspan="2">OPERCENCY Nota OPERCENCY ANT 120 Colspan="2">Colspan="2" ANT 120 Colspan="2" Nota OPERCENCY OPERCENCENCY OPERCENCENCENCENCENCENCENCENCENCENCENCENCENC				1 1								
Description ODE Course NA												
ODE Course Studget Code Structure Structure Outer Manue Order Manue Notes NA MA	The following are general tech prep courses av	ailable to all pathwa	ays but often paired with courses in th			e a comprehensive	e list of all courses available to all pathways, visit the Genera					
NA MA MA MA 11120 Quarters Martematics 3 NA MA MA 11120 Buildows Mathematics 3 1 NA BIO Human Blodgy witab 3 1 1 3 ODE Course Subject Code Swolair Swolair Course Name Credit Hours Nates Principles of Allied Health 072335 ALH 1130 or Basic Life Support Training for Healthcare Provider 1 Two cards required for cords ODE-Sinclair Credit Crosswalk: Engineering and Design (F6) Peopretring and Design (F6) Peopretring and Design (F6) Plan Reading and Estimating 178019 CAT 1401 Construction Cost Estimating 3 N/A CAM 1108 Machine Stop Fundamentals 3 Peopretrice Construction Cost Estimating 3 Plan Reading and Estimating 178019 CAT 1401 Construction Cost Estimating 3 Plane and the cards or cost frequence of the cost or cos												
NA MAT 1120 Build Build Build Build Build Human Blodgy Witab 3 ARTCULATED ODE Course Subject Code Sincler Sincler Sincler Credit Hours Notes Principles of Allied Health 072035 ALH 1130 Basic Life Support For Hulding 1 The cart Angulate for cards ODE Course 072035 ALH 1132 Heartsover First Ald, CPR & AED 1 AHA Heartsover First Ald, CPR & AED 1	ODE Course		Subject Code				Notes					
ATTOLIATED ATTOLIATED ODE Course Subject Code Sinclair Sinclair Sinclair Sinclair Credit Hours Notes Principles of Allied Health 072035 ALH 1130 or Healthcare Provider 1 Two cards regular for credit Basic Life Support Training for Healthcare Provider 1 Two cards regular for credit Basic Life Support Training for Healthcare Provider ODE-Sinclair Credit Crosswalk: Engineering & Science Technologies 1 AHA Heartawer First Ail, OPR & AED 1 AHA Heartawer First Ail, OPR & AED ODE-Course Subject Code Sinclair Course Sinclair Course Name Credit Heart EOR ODE Course Subject Code Sinclair Course Name Credit Heart EOR Plan Reading and Estimating 172019 CAH 1107 Principles of Manufacturing 3 N/A CAM 1108 Machine Shop Fundamentals 3 Nemat to completed in order to the course could form At 0 PR 2021 AV sclear mast to completed in order to the course could form At 0 PR 2021 AV sclear mast to completed in order to the course could form At 0 PR 2021 AV sclear mast to completed in order to the course for instructors in the bab to gri mast to completed in order to the course course for instructors in the bab to gri mast to completed in order to the course for instructors in the												
ODE Course Subject Code Sinclair Sinclair Sinclair Sinclair Credit Hours Notes Principles of Allied Health 072035 ALH 1130 or Basic Life Support Training for Healthcare Provider 1 Two cards regulared for credit Basic Life Support Training for Healthcare Provider ODE Course ODE-Sinclair Credit Crosswalk: Engineering & Science Technologies 1 AHA Heartsaver First AU Regulared for credit Basic Life Support Training for Heartsaver First AU Regulared for credit ODE Course ODE-Sinclair Credit Crosswalk: Engineering & Science Technologies Engineering Regulared for credit Course Plan Reading and Estimating 178019 CAT 1401 Construction Cost Estimating 3 N/A CAM 1107 Principles of Manufacturing 3 Please note, this course credit must be completed in order to this course. N/A -176004 CAM 1107 Principles of Manufacturing 3 Rever N/A -176004 CAM 1108 Machine Stop Fundamentals 3 Rever N/A -176004 CAM 1108 Advanced Machine Operations 3 and the bab op narrate to excepted in order to this abit acature or the abit in addition to the laut Environment		N/A		BIO	Human Biology w/Lab	3						
ODE Course Subject Code Sinclair Sinclair Sinclair Sinclair Credit Hours Notes Principles of Allied Health 072035 ALH 1130 or Basic Life Support Training for Healthcare Provider 1 Two cards regulared for credit Basic Life Support Training for Healthcare Provider ODE Course ODE-Sinclair Credit Crosswalk: Engineering & Science Technologies 1 AHA Heartsaver First AU Regulared for credit Basic Life Support Training for Heartsaver First AU Regulared for credit ODE Course ODE-Sinclair Credit Crosswalk: Engineering & Science Technologies Engineering Regulared for credit Course Plan Reading and Estimating 178019 CAT 1401 Construction Cost Estimating 3 N/A CAM 1107 Principles of Manufacturing 3 Please note, this course credit must be completed in order to this course. N/A -176004 CAM 1107 Principles of Manufacturing 3 Rever N/A -176004 CAM 1108 Machine Stop Fundamentals 3 Rever N/A -176004 CAM 1108 Advanced Machine Operations 3 and the bab op narrate to excepted in order to this abit acature or the abit in addition to the laut Environment												
Principles of Allied Health 072035 ALH 1130 or Besits Life Support First All Q 1 Besits Life Support First All Q ALH 1130 or ALH 1130 or Healtscare Provider 1 AMA PAH Meatsaver First All Q Test All Q Tes	ODE Course		Subject Code			Credit Hours	Notes					
ALH 1132 HeatRower FISE AID, CPK & AEU 1 required for cred ODE-Sinclair Credit Crosswalk: Engineering & Science Technologies Engineering and Design (F6) PROFICIENCY NON-PLTW ODE Course Credit Credit Credit Credit PROFICIENCY NON-PLTW ODE Course Subject Code Sinclar Course Name Credit EGR Plan Reading and Estimating 178019 CAT 1401 Construction Cost Estimating 3 NA CAM 1107 Principles of Manufacturing 3 NA CAM 1107 Principles of Manufacturing 3 NEW -Machine Tools -176004 CAM 1109 Fundamentals of Tooling and Machining 3 Course syliab and resources of the other of this course cond this ability along with a latter of the instructor. NA CAM 1109 Fundamentals of Tooling and Machining <th colsp<="" td=""><td>Principles of Allied Health</td><td></td><td>072035</td><td>ALH 1130 or</td><td></td><td>1</td><td>Two cards required for credit: a card for AHA Basic Life Support for Healthcare Provider AND AHA Heartsaver First Aid.</td></th>	<td>Principles of Allied Health</td> <td></td> <td>072035</td> <td>ALH 1130 or</td> <td></td> <td>1</td> <td>Two cards required for credit: a card for AHA Basic Life Support for Healthcare Provider AND AHA Heartsaver First Aid.</td>	Principles of Allied Health		072035	ALH 1130 or		1	Two cards required for credit: a card for AHA Basic Life Support for Healthcare Provider AND AHA Heartsaver First Aid.				
Engineering and Design (F6) PROFICIENCY NON-FLTW ODE Course Stubject Code Sinclair Course Sinclair Course Name Credit Hours EGR Plan Reading and Estimating 178019 CAT 1401 Construction Cost Estimating 3 Please rote, this course credit must be completed in order to this course. 7 N/A CAM 1107 Principles of Manufacturing 3 7 Please rote, this course credit must be completed in order to this course. Machine Tools -176004 CAM 1108 Machine Shop Fundamentals 3 NEWI Machine Tools -176004 CAM 1109 Fundamentals of Tooling and Machining 3 8 Course syllabil and resources instructors in the CAM Commut contratery our Pathway Manag. N/A CAM 1110 Advanced Machine Operations 3 3 A student must be able to or this ability along with a letter of this ability along with a lett				ALH 1132	Heartsaver First Aid, CPR & AED	1	AHA Heartsaver First Aid, CPR/AED card required for credit.					
Engineering and Design (F6) PROFICIENCY NON-FLTW ODE Course Stubject Code Sinclair Course Sinclair Course Name Credit Hours EGR Plan Reading and Estimating 178019 CAT 1401 Construction Cost Estimating 3 Please note, this course credit must be completed in order to this course. N/A CAM 1107 Principles of Manufacturing 3 Please note, this course credit must be completed in order to this course. Machine Tools -176004 CAM 1108 Machine Shop Fundamentals 3 NEWI Machine Tools -176004 CAM 1109 Fundamentals of Tooling and Machining 3 Flease note, this course credit from AA to PR 2021 XP, etable must be completed in order to this course. N/A CAM 1109 Fundamentals of Tooling and Machining 3 Course syllabil and resources instructors in the CAM Comm (contratry our Pathway Manag A student must be able to oright this ability along with a letter of this ability along with a		E-Sinal	nir Cradit Craa	ewalk. E	naincoring ⁹ Salana	o Toob	nologios					
PROFICIENCY NON-PLTW Credit Credit Credit Credit EGR ODE Course Subject Code Sinclair Course Sinclair Course EGR Plan Reading and Estimating 178019 CAT 1401 Construction Cost Estimating 3 Please note, this course credit N/A CAM 1107 Principles of Manufacturing 3 Form AA to PR 20-21 AV, eLea N/A CAM 1107 Principles of Manufacturing 3 NetWith Machine Tools -176004 CAM 1108 Machine Shop Fundamentals 3 NEWith Machine Tools -176004 CAM 1109 Fundamentals of Tooling and Machining 3 Reading results in secures and the course instructors in the CAM Commute course instructor and student must be able to grapheneting and student must be able to grapheneting a struchatecture N/A CAT 1161	UD	E-SIUCIS				e rech	noiogies					
ODE Course Subject Code Sinclair Course Sinclair Course Name Credit Hours EGR Plan Reading and Estimating 178019 CAT 1401 Construction Cost Estimating 3 Please note, this course credit from A1 to PR 20-21 AY, else must be completed in order to this course. N/A CAM 1107 Principles of Manufacturing 3 Please note, this course credit from A1 to PR 20-21 AY, else must be completed in order to this course. N/A CAM 1108 Machine Shop Fundamentals 3 NEW! -Machine Tools -176004 CAM 1109 Fundamentals of Tooling and Machining and the completed in order to this course. 3 N/A CAM 1109 Fundamentals of Tooling and Machining ast be completed in order to this course. 3 N/A CAM 1110 Advanced Machine Operations 3 3 N/A CAM 1110 Advanced Machine Operations 3 A student must be able to pri- this course can only be capit with scale score of 420 or sta instructors and students MUA PLTW Course Subject Code Sinclair Course Sinclair Course Name This course can only be capit with scale score of 420 or sta instructor and students MUA capit score and 920 or sta instructor and students MUA capit scourse can only be capit			Er									
ODE Course Subject Code Course Sinclair Course Name Hours EGN Plan Reading and Estimating 178019 CAT 1401 Construction Cost Estimating 3 Please note, this course creding and Estimating 3 Please note, this course creding and Estimating 3 Please note, this course creding and to the Course of Manufacturing 3 Please note, this course creding and to the Course of Manufacturing 3 Please note, this course creding and to the Course of Manufacturing 3 Please note, this course creding and to the Course of Manufacturing 3 Please note, this course creding and to the Course of Manufacturing 3 NEWI Machine Tools 176004 CAM 1109 Fundamentals of Tooling and Machining 3 Please note, this course creding and to the Course of Manufacturing instructors in the CAM commit of this course. N/A CAM 1109 Fundamentals of Tooling and Machining 3 Course syllabi and resources instructors in the CAM commit (contract your Pathway Mang Mith a letter instructors in the CAM commit (contract your Pathway Mang Mith a letter instructor within a cOOM and the instructor. N/A CAM 1110 Advanced Machine Operations 3 This course can only be capt with seale score of 420 or stat instructor. Ovit Engineering & Architecture <t< td=""><td></td><td></td><td></td><td></td><td></td><td>Credit</td><td></td></t<>						Credit						
N/A CAM 1107 Principles of Manufacturing 3 Please note, this course credition A to PR 20-21 A Y, eads must be completed in order to this course. N/A CAM 1107 Principles of Manufacturing 3 This course credition and to PR 20-21 A Y, eads must be completed in order to this course. Machine Tools N/A CAM 1108 Machine Shop Fundamentals 3 NEW Machine Tools 176004 CAM 1109 Fundamentals of Tooling and Machining 3 Please note, this course credition order to this course. N/A CAM 1109 Fundamentals of Tooling and Machining 3 Course syllab and resources instructors in the CAM Commute this course. N/A CAM 1110 Advanced Machine Operations 3 A student must be able to grip parallel to within -0 0040 and this ability along with a letter to their instructor. N/A CAM 1110 Advanced Machine Operations 3 A student must be able to grip parallel to within -0 0040 and this ability along with a letter to their instructor. VI/I Engineering & Architecture N/A CAT 1161 Introduction to the Built Environment 2 This course can only be captivity with scale score of 420 or sta instructor and students MUS Introduction to Engineering Design	ODE Course		Subject Code		Sinclair Course Name		EGR					
N/A CAM 1107 Principles of Manufacturing 3 Trim AA to PR 20-21 AY. else must be completed in order to this course. Machine Tools N/A CAM 1108 Machine Shop Fundamentals 3 NEW! Machine Tools -176004 CAM 1109 Fundamentals of Tooling and Machining 3 Please note, this course credit from AA to PR 20-21 AY. else must be completed in order to this course. N/A CAM 1109 Fundamentals of Tooling and Machining 3 Please note, this course credit from AA to PR 20-21 AY. else must be completed in order to this course. N/A CAM 1109 Fundamentals of Tooling and Machining 3 Course syllabi and resources instructors in the CAM Commit (contact your Pathway Manag A student must be able to grim parallel to within >0.0004 and this ability along with a letter or their instructor. PLTW Course Subject Code Sinclair Course Sinclair Sinclair Course Name Credit Hours Notes Civil Engineering & Architecture N/A CAT 1161 Introduction to the Built Environment 2 This course can only be capit with scale score of 420 or sta instructor and students MUS Introduction to Engineering Design N/A EET 1138 Digital Technology 2 This course can only be capit with scale score of 420 or sta instructor and students MUS	Plan Reading and Estimating		178019	CAT 1401	Construction Cost Estimating	3						
Machine Tools -176004 CAM 1109 Fundamentals of Tooling and Machining 3 Please note, this course creditmom AA to PR 20-21 AY, eLea must be completed in order to this course. N/A CAM 1109 Fundamentals of Tooling and Machining 3 Course syllability and resources instructors in the CAM Communication of the CAM Communicatio		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 credition and the PR 20-21 AY, eLease must be completed in order to this course. N/A CAM 1109 Fundamentals of Tooling and Machining 3 Course syllability and resources instructors in the CAM Communication of this course. N/A CAM 1110 Advanced Machine Operations 3 Course syllability and resources instructors in the CAM Communication of the CAM Communica		N/A		CAM 1108	Machine Shop Fundamentals	3	NEW!					
N/A CAM 1110 Advanced Machine Operations 3 instructors in the CAM Communic (contact your Pathway Manage A student must be able to grin parallel to within ±0.0004 and I this ability along with a letter of their instructor. PLTW Course Subject Code Sinclair Course Sinclair Course Name Credit Hours Notes Civil Engineering & Architecture N/A CAT 1161 Introduction to the Built Environment. 2 This course can only be captur with scale score of 420 or sta instructor and students MUS Introduction to Engineering Design N/A MET 1231 Introduction to Engineering Design Using 3D CAD 4 This course can only be captur with scale score of 420 or sta instructor and students MUS Digital Electronics N/A EET 1198 Digital Technology 2 This course can only be captur with scale score of 420 or sta	~Machine Tools		~176004				Please note, this course credit type changed from AA to PR 20-21 AY. eLearn shell conten must be completed in order to earn credit for					
PLTW Course Subject Code Sinclair Course Sinclair Course Name Credit Hours Credit Hours Notes Civil Engineering & Architecture N/A CAT 1161 Introduction to the Built Environment 2 This course can only be capture with scale score of 420 or stationstructor and students MUS Introduction to Engineering Design N/A MET 1231 Introduction to Engineering Design Using 3D CAD 4 This course can only be capture with scale score of 420 or stationstructor and students MUS Digital Electronics N/A EET 1198 Digital Technology 2 This course can only be capture with scale score of 420 or stationstructor and students MUS		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 support from their instructor.					
PLIW Course Subject Code Course Sinclair Course Name Hours Notes Civil Engineering & Architecture N/A CAT 1161 Introduction to the Built Environment 2 This course can only be capter with scale score of 420 or stationstructor and students MUS Introduction to Engineering Design N/A MET 1231 Introduction to Engineering Design Using 3D CAD 4 This course can only be capter with scale score of 420 or stationstructor and students MUS Digital Electronics N/A EET 1198 Digital Technology 2 This course can only be capter with scale score of 420 or station students MUS				ARTICU	LATED PLTW							
Civil Engineering & Architecture N/A CAT 1161 Introduction to the Built Environment 2 This course can only be capture with scale score of 420 or stationstructor and students MUS Introduction to Engineering Design N/A MET 1231 Introduction to Engineering Design Using 3D CAD 4 This course can only be capture with scale score of 420 or stationstructor and students MUS Digital Electronics N/A EET 1198 Digital Technology 2 This course can only be capture with scale score of 420 or stationstructor and students MUS	PLTW Course		Subject Code	Sinclair			Notes					
Introduction to Engineering Design N/A MET 1231 Introduction to Engineering Design Using 3D CAD 4 with scale score of 420 or statistication instructor and students MUS Digital Electronics N/A EET 1198 Digital Technology 2 This course can only be capture with scale score of 420 or statistication or statistication of the score of 420 or statisticati			-				This course can only be captured via PLTW with scale score of 420 or stanine of 6. Both instructor and students MUST be PLTW.					
Digital Electronics N/A EET 1198 Digital Technology 2 with scale score of 420 or sta	Introduction to Engineering Design		N/A	MET 1231	Introduction to Engineering Design Using 3D CA	AD 4	This course can only be captured via PLTW with scale score of 420 or stanine of 6. Both instructor and students MUST be PLTW.					
	Digital Electronics		N/A	EET 1198	Digital Technology	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.					
ARTICULATED Non-PLTW												
Sinclair Credit	005.0		0.11.11.0.1			Credit	N					
ODE Course Subject Code Onicitian Course Sinclair Course Name Oricitan Hours Notes	ODE Course		Subject Code		Sinclair Course Name		Notes					
N/A MET 1301 *SolidWorks Basics 4 Proof of Solidworks certificative credit.		N/A		MET 1301	*SolidWorks Basics	4	Proof of Solidworks certification required for credit.					

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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	
Computer Software	145030 and	CTIT011 - MS Windows	CIS 1510	Windows Client Operating System	3	
Network Operating Systems	145040	Desktop OS				
Computer Software	145030 and	CTIT014 - PC Operating				
Computer Hardware	145025	System/A+	CIS 2731	A+ Hardware & Software	4	
The following are general tech prep course	s available to	all pathways but often paired with cou	rses in this pat vays, visit the G	OURSES FOR All Pathways hway. These courses may be taught by academic in eneral Course Offerings page. FICIENCY	nstructors. To see a	comprehensive list of all courses available
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	
			C	CTAG		
ODE Course	Subject Code	CTAN	Sinclair Course	Sinclair Course Name	Credit Hours	Notes
Current and valid OHSA 10-hour sa		CTS001 - Safety	CAT 1431	OSHA 10 Hour Safety	1	
	ODE	-Sinclair Credit	Crossv	valk: Information Techi	noloav	
			on Supp	ort and Services (N0)	37	
005.0		0.1/2010-1	PROI Sincla		0	Neter
ODE Course N/A		Subject Code N/A	Cours CIS 21		Credit Hours	Notes
N/A		N/A	CIS 13	¥		New FPS 22-23 - Jeffrey Sommer
		WA			5 5	
			ARTI	CULATED		
Information Technology		145005	BIS 11	05 IT Fundamentals	3	NEW!! Credit awarded with proof of IT Fundamentals certification or passing WebXam score
				CTAG		
	Subject CTAN		Sincla	ir	Credit Hours	Notes
ODE Course	Code	CTAN CTIT002 - Networking/CompT	Cours	e Sinclair Course Name	Credit Hours	Noles

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					
		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	CTIT011 - MS Windows Desktop OS	CIS 1510	Windows Client Operating System	3					
Network Operating Systems	145040			Microsoft Windows Server Operating						
Network Operating Systems	145040	CTIT013 - MS Server Administration	CIS 2510	System	3					
Network Operating Systems	145040	CTIT016 - Linux	CIS 2550	Linux Operating System	3					
Computer Software	145030 and									
Computer Hardware	145025	CTIT014 - PC Operating System/A+	CIS 2731	A+ Hardware & Software	4					
•				Intro to Problem Solving & Computer						
Programming	145060	CTPROG001 - Computer Logic	CIS 1111	Programing	3					
		CTPROG003 - C++ Programming	CIS 1202	C++ Software Development	3	NEW!				
Object Oriented Programming	145065									
esjoer enemed i regianning	1.0000	CTPROG002 - Java Programming	CIS 2212	Java Software Development I	3	NEW!				
		Inte		Andia (NA)						
		Inter	active	Media (N1)						
			PROFIC	ENCY						
			Sinclair		1					
ODE Course		Subject Code	Course	Sinclair Course Name	Credit Hours	Notes				
			Course							
N/A		N/A	CIS 1350	Web Site Development with HTML & CSS	3	New FPS 22-23 - Jeffrey Sommer				
IN/A		IN/A	013 1330	Web Site Development with HTML & CSS	3	New FF3 22-23 - Jeilley Sommer				
						Credit granted via portfolio review 8				
N/A		N/A	VIS 1100	Design Foundations	4	eLearn shell content completion				
						· · · · · · · · · · · · · · · · · · ·				
N/A		N/A	VIS 1110	Decige Drowing	4	Credit granted via portfolio review &				
IN/A		IN/A	VIS 1110	Design Drawing	4	eLearn shell content completion				
N/A		N/A	VIS 1140	Design Processes I	4	Credit granted via portfolio review 8				
				Decigin recedence r		eLearn shell content completion				
						Credit granted via portfolio review &				
N/A		N/A	VIS 1250	Print Production	4	eLearn shell content completion				
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Information Technology		145005			3					
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Information Technology		145005			3					
Information Technology		145005			3	IT Fundamentals certification or				
Information Technology		145005	BIS 1105	IT Fundamentals	3	IT Fundamentals certification or				
Information Technology	Subject	145005	BIS 1105 CTA	IT Fundamentals	3	IT Fundamentals certification or				
Information Technology ODE Course	Subject	145005 CTAN	BIS 1105 CTA Sinclair	IT Fundamentals	3 Credit Hours	IT Fundamentals certification or				
	Subject Code	Ι	BIS 1105 CTA	IT Fundamentals		IT Fundamentals certification or passing WebXam score				
ODE Course	Code	CTAN	BIS 1105 CTA Sinclair Course	IT Fundamentals G Sinclair Course Name	Credit Hours	IT Fundamentals certification or passing WebXam score				
		Ι	BIS 1105 CTA Sinclair	IT Fundamentals G Sinclair Course Name Intro to Problem Solving & Computer		IT Fundamentals certification or passing WebXam score				
ODE Course	Code	CTAN	BIS 1105 CTA Sinclair Course	IT Fundamentals G Sinclair Course Name	Credit Hours	IT Fundamentals certification or passing WebXam score				
ODE Course Programming	Code 145060	CTAN CTPROG001 - Computer Logic	BIS 1105 CTA Sinclair Course CIS 1111	IT Fundamentals G Sinclair Course Name Intro to Problem Solving & Computer Programing	Credit Hours 3	IT Fundamentals certification or passing WebXam score				
ODE Course	Code	CTAN	BIS 1105 CTA Sinclair Course	IT Fundamentals G Sinclair Course Name Intro to Problem Solving & Computer	Credit Hours	IT Fundamentals certification or passing WebXam score				
ODE Course Programming	Code 145060	CTAN CTPROG001 - Computer Logic	BIS 1105 CTA Sinclair Course CIS 1111	IT Fundamentals G Sinclair Course Name Intro to Problem Solving & Computer Programing	Credit Hours 3	IT Fundamentals certification or passing WebXam score				
ODE Course Programming	Code 145060	CTAN CTPROG001 - Computer Logic CTPROG003 - C++ Programming	BIS 1105 CTA Sinclair Course CIS 1111 CIS 1202	IT Fundamentals G Sinclair Course Name Intro to Problem Solving & Computer Programing C++ Software Development	Credit Hours 3 3	IT Fundamentals certification or passing WebXam score Notes Netwl				
ODE Course Programming	Code 145060	CTAN CTPROG001 - Computer Logic	BIS 1105 CTA Sinclair Course CIS 1111	IT Fundamentals G Sinclair Course Name Intro to Problem Solving & Computer Programing	Credit Hours 3	IT Fundamentals certification or passing WebXam score				
ODE Course Programming Object Oriented Programming	Code 145060 145065	CTPROG001 - Computer Logic CTPROG003 - C++ Programming CTPROG003 - C++ Programming	BIS 1105 CTA Sinclair Course CIS 1111 CIS 1202 CIS 1202	IT Fundamentals G Sinclair Course Name Intro to Problem Solving & Computer Programing C++ Software Development C++ Software Development	Credit Hours 3 3 3	IT Fundamentals certification or passing WebXam score Notes Netw!				
ODE Course Programming Object Oriented Programming	Code 145060 145065	CTAN CTPROG001 - Computer Logic CTPROG003 - C++ Programming	BIS 1105 CTA Sinclair Course CIS 1111 CIS 1202	IT Fundamentals G Sinclair Course Name Intro to Problem Solving & Computer Programing C++ Software Development	Credit Hours 3 3	IT Fundamentals certification or passing WebXam score Notes Netw!				
ODE Course Programming Object Oriented Programming	Code 145060 145065	CTPROG001 - Computer Logic CTPROG003 - C++ Programming CTPROG003 - C++ Programming	BIS 1105 CTA Sinclair Course CIS 1111 CIS 1202 CIS 1202	IT Fundamentals G Sinclair Course Name Intro to Problem Solving & Computer Programing C++ Software Development C++ Software Development	Credit Hours 3 3 3	IT Fundamentals certification or passing WebXam score Notes Netw!				
ODE Course Programming Object Oriented Programming	Code 145060 145065	CTPROG001 - Computer Logic CTPROG003 - C++ Programming CTPROG003 - C++ Programming CTPROG002 - Java Programming	BIS 1105 CTA Sinclair Course CIS 1111 CIS 1202 CIS 1202 CIS 2212	IT Fundamentals G Sinclair Course Name Intro to Problem Solving & Computer Programing C++ Software Development C++ Software Development Java Software Development I	Credit Hours 3 3 3	IT Fundamentals certification or passing WebXam score Notes Netw!				
ODE Course Programming Object Oriented Programming	Code 145060 145065	CTPROG001 - Computer Logic CTPROG003 - C++ Programming CTPROG003 - C++ Programming CTPROG002 - Java Programming	BIS 1105 CTA Sinclair Course CIS 1111 CIS 1202 CIS 1202 CIS 2212 etworki	IT Fundamentals G Sinclair Course Name Intro to Problem Solving & Computer Programing C++ Software Development C++ Software Development Java Software Development I ng (N2)	Credit Hours 3 3 3	IT Fundamentals certification or passing WebXam score Notes Netw!				
ODE Course Programming Object Oriented Programming	Code 145060 145065	CTPROG001 - Computer Logic CTPROG003 - C++ Programming CTPROG003 - C++ Programming CTPROG002 - Java Programming	BIS 1105 CTA Sinclair Course CIS 1111 CIS 1202 CIS 1202 CIS 2212	IT Fundamentals G Sinclair Course Name Intro to Problem Solving & Computer Programing C++ Software Development C++ Software Development Java Software Development I ng (N2)	Credit Hours 3 3 3	IT Fundamentals certification or passing WebXam score Notes Netwl				
ODE Course Programming Object Oriented Programming Object Oriented Programming	Code 145060 145065	CTPROG001 - Computer Logic CTPROG003 - C++ Programming CTPROG003 - C++ Programming CTPROG002 - Java Programming N	BIS 1105 CTA Sinclair Course CIS 1111 CIS 1202 CIS 1202 CIS 2212 etworki	IT Fundamentals G G Intro to Problem Solving & Computer Programing C++ Software Development C++ Software Development Java Software Development I Ing (N2) ENCY	Credit Hours 3 3 3 3 3	IT Fundamentals certification or passing WebXam score Notes Netw! NEW! NEW!				
ODE Course Programming Object Oriented Programming	Code 145060 145065	CTPROG001 - Computer Logic CTPROG003 - C++ Programming CTPROG003 - C++ Programming CTPROG002 - Java Programming	BIS 1105 CTA Sinclair Course CIS 1111 CIS 1202 CIS 1202 CIS 2212 CIS 2212 etworki PROFICI	IT Fundamentals G Sinclair Course Name Intro to Problem Solving & Computer Programing C++ Software Development C++ Software Development Java Software Development I ng (N2)	Credit Hours 3 3 3	IT Fundamentals certification or passing WebXam score Notes Netwl				
ODE Course Programming Object Oriented Programming Object Oriented Programming Object Oriented Programming Object Oriented Programming ODE Course	Code 145060 145065	CTPROG001 - Computer Logic CTPROG003 - C++ Programming CTPROG003 - C++ Programming CTPROG002 - Java Programming N Subject Code	BIS 1105 CTA Sinclair Course CIS 1111 CIS 1202 CIS 1202 CIS 2212 etworki PROFICI Sinclair Course	IT Fundamentals G Sinclair Course Name Intro to Problem Solving & Computer Programing C++ Software Development C++ Software Development Java Software Development I Ing (N2) ENCY Sinclair Course Name	Credit Hours 3 3 3 3 3 Credit Hours	IT Fundamentals certification or passing WebXam score Notes NEW! NEW!				
ODE Course Programming Object Oriented Programming Object Oriented Programming	Code 145060 145065	CTPROG001 - Computer Logic CTPROG003 - C++ Programming CTPROG003 - C++ Programming CTPROG002 - Java Programming N	BIS 1105 CTA Sinclair Course CIS 1111 CIS 1202 CIS 1202 CIS 2212 CIS 2212 etworki PROFICI Sinclair	IT Fundamentals G G Intro to Problem Solving & Computer Programing C++ Software Development C++ Software Development Java Software Development I Ing (N2) ENCY	Credit Hours 3 3 3 3 3	IT Fundamentals certification or passing WebXam score Notes Netw! NEW! NEW!				
ODE Course Programming Object Oriented Programming Object Oriented Programming Object Oriented Programming Object Oriented Programming ODE Course	Code 145060 145065	CTPROG001 - Computer Logic CTPROG003 - C++ Programming CTPROG003 - C++ Programming CTPROG002 - Java Programming N Subject Code	BIS 1105 CTA Sinclair Course CIS 1111 CIS 1202 CIS 1202 CIS 2212 etworki PROFICI Sinclair Course	IT Fundamentals G Sinclair Course Name Intro to Problem Solving & Computer Programing C++ Software Development C++ Software Development Java Software Development I Ing (N2) ENCY Sinclair Course Name	Credit Hours 3 3 3 3 3 Credit Hours	IT Fundamentals certification or passing WebXam score Notes NEW! NEW!				
ODE Course Programming Object Oriented Programming Object Oriented Programming Object Oriented Programming ODE Course N/A	Code 145060 145065	CTPROG001 - Computer Logic CTPROG003 - C++ Programming CTPROG003 - C++ Programming CTPROG002 - Java Programming N Subject Code N/A	BIS 1105 CTA Sinclair Course CIS 1111 CIS 1202 CIS 1202 CIS 2212 etworki PROFICI Sinclair Course CIS 2165	IT Fundamentals G Sinclair Course Name Intro to Problem Solving & Computer Programing C++ Software Development C++ Software Development Java Software Development I Ing (N2) ENCY Sinclair Course Name Database Management	Credit Hours 3 3 3 3 Credit Hours 3	IT Fundamentals certification or passing WebXam score Notes NEW! NEW! NEW! NEW! NEW!				
ODE Course Programming Object Oriented Programming Object Oriented Programming Object Oriented Programming Object Oriented Programming ODE Course	Code 145060 145065	CTPROG001 - Computer Logic CTPROG003 - C++ Programming CTPROG003 - C++ Programming CTPROG002 - Java Programming N Subject Code	BIS 1105 CTA Sinclair Course CIS 1111 CIS 1202 CIS 1202 CIS 2212 etworki PROFICI Sinclair Course CIS 2165	IT Fundamentals G Sinclair Course Name Intro to Problem Solving & Computer Programing C++ Software Development C++ Software Development Java Software Development I Ing (N2) ENCY Sinclair Course Name	Credit Hours 3 3 3 3 3 Credit Hours	Notes NEW! NEW!				
ODE Course Programming Object Oriented Programming Object Oriented Programming Object Oriented Programming ODE Course N/A	Code 145060 145065	CTPROG001 - Computer Logic CTPROG003 - C++ Programming CTPROG003 - C++ Programming CTPROG002 - Java Programming N Subject Code N/A	BIS 1105 CTA Sinclair Course CIS 1111 CIS 1202 CIS 1202 CIS 2212 etworki PROFICI Sinclair Course CIS 2165	IT Fundamentals G Sinclair Course Name Intro to Problem Solving & Computer Programing C++ Software Development C++ Software Development Java Software Development I Ing (N2) ENCY Sinclair Course Name Database Management	Credit Hours 3 3 3 3 Credit Hours 3	IT Fundamentals certification or passing WebXam score Notes NEW! NEW! NEW! NEW! NEW!				
ODE Course Programming Object Oriented Programming Object Oriented Programming Object Oriented Programming ODE Course N/A	Code 145060 145065	CTPROG001 - Computer Logic CTPROG003 - C++ Programming CTPROG003 - C++ Programming CTPROG002 - Java Programming N Subject Code N/A	BIS 1105 CTA Sinclair Course CIS 1111 CIS 1202 CIS 1202 CIS 2212 etworki PROFICI Sinclair Course CIS 2165	IT Fundamentals G Sinclair Course Name Intro to Problem Solving & Computer Programing C++ Software Development C++ Software Development Java Software Development I Ing (N2) ENCY Sinclair Course Name Database Management	Credit Hours 3 3 3 3 Credit Hours 3	IT Fundamentals certification or passing WebXam score Notes NEW! NEW! NEW! NEW! NEW!				

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Information Technology		145005	BIS 1105	IT Fundamentals	3	NEW!! Credit awarded with proof of IT Fundamentals certification or passing WebXam score
			СТА	6		
ODE Course	Subject Code	CTAN	Sinclair Course	Sinclair Course Name	Credit Hours	Notes
Networking Network Management	145035 and 145045	J		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 CTIT015 - CompTIA Security +	CIS 2711 CIS 2640	Enterprise Desktop Support Technician Network Security	3	
N/A	Certificate	CTIT007 - Cisco Exploration I	CIS 1411	Introduction to Networks	3	
N/A N/A	Certificate Certificate	CTIT008 - Cisco Exploration II CTIT009 - Cisco Exploration III	CIS 2416 CIS 2421	Routing & Switching Essentials 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 CTIT016 - Linux	CIS 2510 CIS 2550	Microsoft Windows Server Operating Linux Operating System	3	
Computer Software	145030 and	CTIT014 - PC Operating System/A+	CIS 2731	A+ Hardware & Software	4	
Computer Hardware	145025	CTPROG001 - Computer Logic		Intro to Problem Solving & Computer	3	
Programming	145060	CTPROG001 - Computer Logic CTPROG003 - C++ Programming	CIS 1111 CIS 1202	Programing C++ Software Development	3	NEW!
Object Oriented Programming	145065			•		
, , ,		CTPROG002 - Java Programming	CIS 2212	Java Software Development I	3	NEW!
		Programming an	d Softu	vare Development (N3)		
		r rogramming an	PROFICI			
ODE Course		Subject Code	Sinclair	Sinclair Course Name	Credit Hours	Notes
N/A		N/A	Course CIS 2165	Database Management	3	
N/A		N/A	CIS 2266	Python for Data Analytics	3	NEW!!
N/A		N/A	CIS 1350	Web Site Development with HTML & CSS	3	New FPS 22-23 - Jeffrey Sommer
			ARTICUL	ATED		
Information Technology		145005	BIS 1105	IT Fundamentals	3	NEW!! Credit awarded with proof of IT Fundamentals certification or passing WebXam score
			074	•		
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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	1 15005	CTPROG003 - C++ Programming	CIS 1202	C++ Software Development	3	NEW! NEW!
	145065	CTPPOG002 - Jours Brogromming	CIS 2212	Java Software Dovolopment I	2	
	145065	CTPROG002 - Java Programming	CIS 2212	Java Software Development I	3	
	145065		bersecu	ırity (N4)	3	
		Cy	bersecu CTA	urity (N4) G		
ODE Course	Subject Code		bersecu	ırity (N4)	3 Credit Hours	Notes
Networking	Subject Code 145035 and	Cy	bersecu CTA Sinclair	urity (N4) G		
Networking Network Management	Subject Code 145035 and 145045	CTAN CTAN CTIT002 - Networking/CompTIA Network +	bersecu CTA Sinclair Course CIS 1130	G Sinclair Course Name Network Fundamentals	Credit Hours 3	
Networking	Subject Code 145035 and	CTAN CTAN CTIT002 - Networking/CompTIA Network + CTIT005 - Intro Desktop O.S.	bersecu CTA Sinclair Course CIS 1130 CIS 1107	Irity (N4) G Sinclair Course Name Network Fundamentals Introduction to Operating Systems	Credit Hours 3 3	
Networking Network Management	Subject Code 145035 and 145045	CTAN CTAN CTIT002 - Networking/CompTIA Network +	bersecu CTA Sinclair Course CIS 1130	G Sinclair Course Name Network Fundamentals	Credit Hours 3	
Networking Network Management Computer Software	Subject Code 145035 and 145045 145030	CTAN CTAN CTIT002 - Networking/CompTIA Network + CTIT005 - Intro Desktop O.S. CTIT006 - Intro to User Support	bersecu CTA Sinclair Course CIS 1130 CIS 1107 CIS 2711	G Sinclair Course Name Network Fundamentals Introduction to Operating Systems Enterprise Desktop Support Technician	Credit Hours 3 3 3 3	
Networking Network Management Computer Software Network Security	Subject Code 145035 and 145045 145030 145050	CTIT002 - Networking/CompTIA Network + CTIT005 - Intro Desktop O.S. CTIT006 - Intro to User Support CTIT015 - CompTIA Security +	CIS 11107 CIS 2711 CIS 2640	Irity (N4) G Sinclair Course Name Network Fundamentals Introduction to Operating Systems Enterprise Desktop Support Technician Network Security	Credit Hours 3 3 3 3 3 3	
Networking Network Management Computer Software Network Security N/A	Subject Code 145035 and 145045 145030 145050 Certificate	CTAN CTAN CTIT002 - Networking/CompTIA Network + CTIT005 - Intro Desktop O.S. CTIT006 - Intro to User Support CTIT015 - CompTIA Security + CTIT007 - Cisco Exploration I	bersecu CTA Sinclair Course CIS 1130 CIS 1107 CIS 2711 CIS 2640 CIS 1411	G Sinclair Course Name Network Fundamentals Introduction to Operating Systems Enterprise Desktop Support Technician Network Security Introduction to Networks	Credit Hours 3 3 3 3 3 3 3 3	
Networking Network Management Computer Software Network Security N/A N/A	Subject Code 145035 and 145045 145030 145050 Certificate Certificate	CTIT002 - Networking/CompTIA Network + CTIT005 - Intro Desktop O.S. CTIT006 - Intro to User Support CTIT015 - CompTIA Security + CTIT007 - Cisco Exploration I CTIT008 - Cisco Exploration II	bersect CTA Sinclair Course CIS 1130 CIS 1107 CIS 2711 CIS 2640 CIS 1411 CIS 2416	G Sinclair Course Name Network Fundamentals Introduction to Operating Systems Enterprise Desktop Support Technician Network Security Introduction to Networks Routing & Switching Essentials	Credit Hours 3 3 3 3 3 4	

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Network Operating Systems 14	5040			Microsoft Windows Server Operating		
Network Operating Systems 14	5040 CTI	T013 - MS Server Administration	CIS 2510	System	3	
		CTIT016 - Linux	CIS 2550	Linux Operating System	3	
	030 and 5025	T014 - PC Operating System/A+	CIS 2731	A+ Hardware & Software	4	
Programming 14	5060 C	TPROG001 - Computer Logic	CIS 1111	Intro to Problem Solving & Computer Programing	3	
· · · · · · · · · · · · · · · · · · ·						·
		General Tech P	rep Cour	ses for All Pathways		
The following are general tech prep courses av	ailable to all pat	hways but often paired with courses i	in this pathway. PROFICIE		structors. To see	a comprehensive list of all courses available
ODE Course		Subject Code	Sinclair	Sinclair Course Name	Credit Hours	Notos
ODE Course		Subject Code	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 N/A		BIS 1400 MAT 1120	Customer Service Business Mathematics	3	
				Buomoco Matromatico	0	
		ODE-Sinclair Cred	lit Cros	swalk: Health Science		
				ports Medicine (J6)		
			PROFICIEN			
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	
			ARTICULA	TED		
ODE Course	ODE Course Subject Code				Credit Hours	Notes
			Course	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.
Principles of Allied Health		072035	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		4	Proof of STNA Certification required for credit.
						0,00M
	Subject		CTAG Sinclair	T		
ODE Course and Subject Code	Code	CTAN	Course	Sinclair Course Name	Credit 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		Dental Assisting (JM)		
			PROFICIEN Sinclair			
ODE Course		Subject Code	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	
	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. New FPS! Wendy Moore
			ARTCULA	TED		
ODE Course		Subject Code	Sinclair Course	Sinclair Course Name	Credit Hours	Notes

				Papia Lifa Support Training for Upplith		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	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			·
ODE Course	Subject Code	CTAN	Sinclair Course	Sinclair Course Name	Credit 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	
Health Information Management	72140	CTHIM002 - Legal and Ethical Aspects of Health Information Management	HIM 1204	Medicolegal & Ethics in Healthcare Records	2	
Clinical Laboratory Techniques	72100	CTMLT001 - Intro to Medical (Clinical) Laboratory Science	CLT 1200	Introduction to Clinical Laboratory	2	
Mental Health	072065	CTBH001 - Mental Health	MHT 1101	Introduction to Mental Health Services	3	NEW!
Integrated Behavioral Health	072066	CTBH002 - Chemical Dependency	MHT 1130	Fundamentals of Addiction Counseling CDCA Preliminary	3	NEW!
		Tho	rapeutic S	Services		
			CTAG			
ODE Course	Subject Code	CTAN	Sinclair Course	Sinclair Course Name	Credit Hours	Notes
Mental Health	072065	CTBH001 - Mental Health	MHT 1101	Introduction to Mental Health Services	3	NEW!
Integrated Behavioral Health	072066	CTBH002 - Chemical Dependency	MHT 1130	Fundamentals of Addiction Counseling CDCA Preliminary	3	NEW!
		M	edical As	sisting		
	Subject		CTAG Sinclair			
ODE Course	Code	CTAN	Course	Sinclair Course Name	Credit Hours	Notes
		CTMAT004 - Basic Administrative Functions	MAS 1110	Administrative Medical Assisting I	2	
		CTMAT005 - Perform Bookkeeping Functions				
		CTMAT006 - Process Insurance Claims	MAS 1102	Clinical Medical Assisting I	3	
		CTMAT008 - Fundamental Procedures				
		CTMAT009 - Specimen Collection	MAS 2201	Clinical Medical Assisting III	4	
		CTMAT010 - Diagnostic Testing	MAS 2210	Medical Billing Specialist	3	
		CTMAT011 - Patient Care				
	·	Medi	cal Biosci	ence (J0)		
			PROFICIEN			
ODE Course		Subject Code	Sinclair	Sinclair Course Name	Credit Hours	Notes
Health Science and Technology		072001	ALH 1101	Introduction to Healthcare Delivery	2	
			BIO 1107/1108	Human Biology w/Lab	3	
			BTN 1120	Laboratory Safety & Regulatory Compliance	2	
			ARTCULAT	ED		
ODE Course		Subject Code	Sinclair	Sinclair Course Name	Credit Hours	Notes

Principles of Allied Health	1		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.
					CTAG			
ODE Course		Subject	CTAN	1	Sinclair Course	Sinclair Course Name	Credit Hours	Notes
Medical Terminology		Code 072150	CTMT001 - Medica	I Terminology	HIM 1101	Medical Terminology	3	
Animal and Plant Biotechnol	ogy	012010 CTBTC001 - Biotechnology Principles			BTN 1110	Biotechnology & Bioethics	3	
			Lle	alth Infa	wation M	longroment (17)		
			не	aith Info	PROFICIEN	lanagement (J7)		
ODE Course	ODE Course		Subject Code		Sinclair Course	Sinclair Course Name	Credit Hours	Notes
Health Science and Technol	ogy		072001		ALH 1101	Introduction to Healthcare Delivery	2	
ODE Course			Subject Code		ARTICULA Sinclair	Sinclair Course Name	Credit Hours	Notes
Principles of Allied Health	1		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 Diag	Patient Centered Care and Diagnostics				ALH 1120	Nurse Aide Training	4	Proof of STNA Certification required for credit.
					CTAG			
ODE Course		Subject	CTAN	1	Sinclair	Sinclair Course Name	Credit Hours	Notes
Medical Terminology		Code 072150	CTMT001 - Medica	Terminology	Course HIM 1101	Medical Terminology	3	
Medical Terminology		072150		renninology		Medical reminology	5	
Legal and Ethical Aspects of Health Management	Information	072140	CTHIM002 - Lega Aspects of Health Managen	Information	HIM 1204	Medicolegal & Ethics in Healthcare Records	2	
Health Information Technolo	ogy	72135	CTHIM001 - Intr Information	o to Health Management	HIM 1110	Health Information Processing	2	
			Genera	al Tech P	ren Cours	ses for All Pathways	- 	
The following are general tech prep courses	available to all p	oathways but oft			-	ay be taught by academic instructors. To see a comp	prehensive list of al	I courses available to all pathways, visit the Genera
					Course Offering	s page.		
ODE Course			Subject Code		Sinclair	Sinclair Course Name	Credit Hours	Notes
	N/A N/A				BIS 1400 MAT 1130	Customer Service Mathematics in Health Sciences	3	New FPS 22-23AY - Patti Bromer
	N/A				BIO 1107/1108	Human Biology w/Lab	3	
						l		l
005.0		Subject		,	CTAG Sinclair	0	0	
ODE Course	hour offet	Code	CTAN		Course	Sinclair Course Name	Credit Hours	Notes
Current and Valid OHSA 10	-nour safety ca	aiù	CTS001 - 5	balely	CAT 1431	OSHA 10 Hour Safety	1	
		ODF-	Sinclair C	redit Cr	Osswall	k: Hospitality and Touri	sm	
					ulinary Ar			
					PROFICIEN			
ODE Course		Subject Co	de	Sinclair Cour		Sinclair Course Name	Credit Hour	s Notes
N/A		N/A		MAT 1125	5	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 S	ervice Equipment, Design and Maintenance	2	
					CTAG			
ODE Course	Subject Code		CTAN	Sinclair Cour		Sinclair Course Name	Credit Hour	s Notes

	N/A N/A		BIS 1201 BIS 1400	Ke	yboarding & Document Formatting Customer Service	3			
	NI/A		DIC 1001	V					
N/A BI			BIS 1120				PR credit is earned by completing shell content. AA credit is earned by providing proof of Microsoft Office Specialist (MOS) certification.		
Business Foundations		141000	MAN 1107		Foundations of Business	3	DD aradit :	s earned by completing about	
ODE Course		Subject Code	Sinclair Course		Sinclair Course Name	Credit Hours		Notes	
					ROFICIENCY	,			
The following are general tech p	orep courses a	available to all pathways bu	ıt often paired	d with c	ourses in this pathway. These courses m ways, visit the General Course Offerings	ay be taugi	ht by academic in	structors. To see a comprehensiv	
		General	Tech P	rep	Courses for All Pathwa	ays			
	N/A	1	PRL 2107		Cosmetology	30	NEW! Proof of active State of Ohio Cosmetology license required for credit		
Financial Accounting		143005	ACC 1100	1100 Small Business Accounting		3	**Changed from Proficiency to Articulated. To earn ACC 1100 credit, must provide proof of passing WebXam score.		
ODE Course		Subject Code	Sinclair Course		Sinclair Course Name	Credit Hours		Notes	
			C		etology (M1) RTCULATED				
	C	DE-Sinclair	Cred	it C	rosswalk: Human	Serv	ices		
	N/A		BIS 14	TUU	Customer Service		3	L	
ODE Course	N1/A	Subject Code	Sinclair C	Course	Sinclair Course Name		Credit Hours	Notes	
	io un p	,		Cou	rse Offerings page.	, a compr		an pauridys, visit ing Och	
The following are general tech prep course	s available to all r				Courses for All Pathways	see a compr	ehensive list of all cour	rses available to all pathwavs, visit the Ger	
Operations		Operations and Housekeepi			Housekeeping Management		-		
Front Office Management and	330030	CTCF008 - Front Office	HMT 1		Front Office Operations		3		
Hospitality Management	330035	CTCF007 - Technology in th Hospitality Industry	he HMT 1	137	Hospitality Industry Computer Syster	ns	2		
ServSafe® Manager Certific	cation	CTCF001 - Sanitation and Safety	HMT 1	107	Sanitation and Safety		2		
Hospitality Fundamentals	330000	CTCF002 -Introduction to Hospitality and Tourism			Introduction to the Hospitality and Tourism	Industry	2		
ODE Course and Subject Code	Subject Code	CTAN	Sinclair C	Course	CTAG Sinclair Course Name		Credit Hours	Notes	
	l		HMT 1	149	Meetings and Events Set-Up and Break	uown	2	<u> </u>	
Event and Food Planning		330021	HMT 1	148	Meeting and Events Contracts and Oblig		Credit Hours 1	Notes	
ODE Course	1	Subject Code	Sinclair C	Р	ROFICIENCY Sinclair Course Name		Cradit Hours	Notoo	
				Hos	pitality (L1)				
Restaurant Management	330120	CTCF009 - Food Principles Purchasing	& HMT 2	226	Hospitality Purchasing and Negotiatic	ons	2		
ServSafe® Manager Certific	cation	CTCF001 - Sanitation and Safety	HMT 1	107	Sanitation and Safety		2		
Hospitality Fundamentals	330000	CTCF002 -Introduction to Hospitality and Tourism	HMT 1	105	Introduction to the Hospitality and Tourism	Industry	2		
	330100	CTCF005 - Food Productio Lab	MMT 1	101	Basic Culinary Skills		2		

						D		note, this course credit type changed from	AA to PI
	N/A	С	OPT 1100	-	Tooling and Machining Metrology			note, this course credit type changed from Y. eLearn shell content must be completed to earn credit for this course.	
ODE Course		Subject Code	Sinclair Course		Sinclair Course Name	Credit Hours		Notes	
			Manu	ract	uring Operations (R7) PROFICIENCY				
	ODE	-Sinclair Cree			swalk: Manufacturing	g Tec	hn	ologies	
	-								
Current and valid OHSA 10-hou		CTS001 - Safety	Cour CAT 1	-	OSHA 10 Hour Safety	1			
ODE Course	Subject Code	CTAN	Sincl		Sinclair Course Name	Credit	Hours	Notes	
					CTAG				
	N/A N/A		BIC MAT 1		Human Biology w/Lab Mathematics in Health Sciences	3			
	N/A		BIS 14	400	Customer Service		3		
ODE Course		Subject Code	Sincl Cour		Sinclair Course Name	Credit	Hours	Notes	
			n	PR	OFICIENCY				
			ALH 1	LH 1132 Heartsaver First Aid, CPR & AED		1	1	AHA Heartsaver First Aid, CPR/AED card required for credit.	
Principles of Allied Health		072035	ALH 11	30 or	Basic Life Support Training for Healthcare Provider	1	1	Two cards required for credit: a card for AHA Basic Life Support for Healthcare Provider AND AHA Heartsaver First Aid.	
ODE Course		Subject Code	Sincl Cour		Sinclair Course Name	Credit	Hours	Notes	
				AR	al Course Offerings page. TICULATED				
The following are general tech prep cou	rses available to al		ourses in this pa	athway.	. These courses may be taught by academic instructo	ors. To see a	compre	hensive list of all courses available to all pathways,	
		Conor	al Tooh P	ron	Courses for All Pathways				
			EMS 2		Paramedic 5: Integration / Refresher Laborato				
			EMS 2 EMS 2		Paramedic 4: Field Experience Paramedic 5: Integration / Refresher Lecture	1 e 2			
			EMS 2	175	Paramedic 4: Lecture	2	2		
			EMS 2 EMS 2	155	Paramedic 3: Laboratory Paramedic 3: Clinical	2	2		
			EMS 2	150	Paramedic 2: Clinical Paramedic 3: Lecture	2			
Current Ohio Paramedic cer	tification	CTEMS004 - Paramedic	EMS 2	130	Paramedic 2: Laboratory	2	2		
			EMS 2 EMS 2		Paramedic 1: Laboratory Paramedic 2: Lecture	2			
				105	Paramedic 1: Lecture	2			
			EMS 2	100	for Emergency Medical Services Provider	3	5		
					Applied Anatomy, Physiology & Pathophysiolo				
Medical Terminology	072150	CTMT001 - Medical Terminol	logy HIM 1	101	Medical Terminology	3	3		
		CTEMS001 - Emergency Meo Responder	dical EMS 1	100	Emergency Medical Responder Lecture & Laboratory	2	2		
		CTEMS002 - Emergency Med Technician	dical EMS 11 EMS 1		Emergency Medical Technician: Lecture & Laboratory for Emergency Medical Technician	5	5		
The Correctional System & Services	170915								
Police Work & Practice in Public Safety	170913	CTCJ001 - Introduction to Criminal Justice	CJS 1	101	Introduction to Criminal Justice Science	3	3		
The American Criminal Justice System	170911								
ODE Course	Subject Code	CTAN	Sincl Cour		Sinclair Course Name	Credit	Hours	Notes	
			•		CTAG	•			
Investigations and Forensics in Criminal Investigations		170914	CJS 2	205	Introduction to Criminal Investigation & Forensic Science	3	3		
	N/A		CJS 1	155	Homeland Security Issues & Administration	n 3	3		
			CJS 1		Criminal Law	3			

N/A			CAM 1108	Machine Shop Fundamentals	3	NEW!
IN/A			CAWITIO		3	Please note, this course credit type changed from AA to PF
~Machine Tools	~	-176004	CAM 1109	Fundamentals of Tooling and Machinin	g 3	20-21 AY. eLearn shell content must be completed in order to earn credit for this course.
N/A	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 support from their instructor.
				ARTICULATED		
ODE Course	Sui	bject Code	Sinclair	Sinclair Course Name	Credi	t Notes
N/A	Sui	Course Sinclair Course Name MET 1301 *SolidWorks Basics			Hours 4	3
		040005				Proof of Solidworks certification required for credit.
Hydraulics and Pneumatics		010225	EGR 1217 EGR 2252	Fluid Power & Control	2	Proof of passing WebXam Score Required for Credit Proof of passing WebXam Score Required for Credit
		170025	20172232		2	Theorem passing web carried one required for orean
		1	T -:	CTAG		
ODE Course	Subject Code	CTAN	Sinclair Course	Sinclair Course Name	Credi Hours	Notes
Computer Integrated Manufacturing	175006	CTMET005	MET 1371	CAD Concepts Using AutoCAD	3	
Digital Electronics	175007	CTEET002	EET 1131	Digital Electronics	5	
Manufacturing Operations	175003	CTMET004 - Manufacturing Processes	OPT 2205	Manufacturing Processes	3	
The following are general tech prep course	s available to	an pairiways but onei	rpaneu wiin co		augin by ace	demic instructors. To see a comprehensive list of all courses available
The following are general tech prep course	s avaliable lu	an paurways but oner		to all PROFICIENCY	augni by ace	dennic instructors. To see a comprehensive rist of air courses available
ODE Course		bject Code	Sinclair	to all	Credi	t Notes
			nathwa	to all vs. visit the General Course Offerings page PROFICIENCY		t Notes
ODE Course			Sinclair Course	to all PROFICIENCY Sinclair Course Name	Credi Hours	t Notes
ODE Course N/A			Sinclair Course BIS 1400	to all PROFICIENCY Sinclair Course Name Customer Service Personal Computer Applications for	Credi Hours 3	t Notes
ODE Course N/A N/A			Sinclair Course BIS 1400 MET 1131	to all PROFICIENCY Sinclair Course Name Customer Service Personal Computer Applications for Engineering Technology	Credi Hours 3	t Notes
ODE Course N/A N/A			Sinclair Course BIS 1400 MET 1131	to all PROFICIENCY Sinclair Course Name Customer Service Personal Computer Applications for Engineering Technology Math for Technologists	Credi Hours 3	t Notes
ODE Course N/A N/A N/A	Sul Subject Code	bject Code	Sinclair Course BIS 1400 MET 1131 MAT 1110 Sinclair Course	to all PROFICIENCY Sinclair Course Offerings page Customer Service Personal Computer Applications for Engineering Technology Math for Technologists CTAG	Credi Hours 3 1 3 3 1 3 Credi Hours	t Notes
ODE Course N/A N/A N/A ODE Course Current and valid OHSA 10-hour sa	Subject Code	bject Code CTAN CTS001 - Safety	Sinclair Course BIS 1400 MET 1131 MAT 1110 Sinclair Course CAT 1431	to all PROFICIENCY Sinclair Course Name Customer Service Personal Computer Applications for Engineering Technology Math for Technologists CTAG Sinclair Course Name OSHA Construction Standards 10 Hou	Credi Hours 3 1 3 7 7 8 7 8	t Notes
ODE Course N/A N/A N/A ODE Course Current and valid OHSA 10-hour sa	Subject Code	bject Code CTAN CTS001 - Safety	Sinclair Course BIS 1400 MET 1131 MAT 1110 Sinclair Course CAT 1431	to all PROFICIENCY Sinclair Course Name Customer Service Personal Computer Applications for Engineering Technology Math for Technologists CTAG Sinclair Course Name OSHA Construction Standards 10 Hou Swalk: Transportatio	Credi Hours 3 1 3 7 7 8 7 8	t Notes
ODE Course N/A N/A N/A ODE Course Current and valid OHSA 10-hour sa	Subject Code	bject Code CTAN CTS001 - Safety	Sinclair Course BIS 1400 MET 1131 MAT 1110 Sinclair Course CAT 1431	to all PROFICIENCY Sinclair Course Name Customer Service Personal Computer Applications for Engineering Technology Math for Technologists CTAG Sinclair Course Name OSHA Construction Standards 10 Hou	Credi Hours 3 1 3 7 7 8 7 8	t Notes
ODE Course N/A N/A N/A ODE Course Current and valid OHSA 10-hour sa	Subject Code	bject Code CTAN CTS001 - Safety Clair Cred	Sinclair Course BIS 1400 MET 1131 MAT 1110 Sinclair Course CAT 1431	to all PROFICIENCY Sinclair Course Name Customer Service Personal Computer Applications for Engineering Technology Math for Technologists CTAG Sinclair Course Name OSHA Construction Standards 10 Hou Swalk: Transportation Air Transportation (TA) PROFICIENCY	Credi Hours 3 1 3 7 1 3 3 7 1 3 7 1 7 1 7 7 7 7 7 7	t Notes
ODE Course N/A N/A N/A ODE Course Current and valid OHSA 10-hour sa	Subject Code afety card	CTAN CTS001 - Safety Clair Cred	Sinclair Course BIS 1400 MET 1131 MAT 1110 Sinclair Course CAT 1431 it Cros	to all PROFICIENCY Sinclair Course Name Customer Service Personal Computer Applications for Engineering Technology Math for Technologists CTAG Sinclair Course Name OSHA Construction Standards 10 Hou Swalk: Transportation Air Transportation (TA) PROFICIENCY	Credi Hours 3 1 3 7 1 3 3 7 7 7 1 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	t Notes
ODE Course N/A N/A N/A ODE Course Current and valid OHSA 10-hour sa ODE Course ODE Course	Subject Code afety card	CTAN CTS001 - Safety Clair Cred	Sinclair Course BIS 1400 MET 1131 MAT 1110 Sinclair Course CAT 1431 it Cros	to all PROFICIENCY Sinclair Course Offeringe name Customer Service Personal Computer Applications for Engineering Technology Math for Technologists CTAG Sinclair Course Name OSHA Construction Standards 10 Hou Swalk: Transportation Air Transportation (TA) PROFICIENCY Sinclair Course Name	Credit Hours 2 1 3 1 3 3 7 1 3 7 7 1 7 7 7 7	t Notes t Notes t Notes t Notes tems - Aviation Notes Course credit can be earned as PR via completion of eLearn
ODE Course N/A N/A N/A ODE Course Current and valid OHSA 10-hour sa ODE ODE Course N/A	Subject Code afety card	bject Code CTAN CTS001 - Safety Clair Cred Code Sir Code AVT AVT	Sinclair Course BIS 1400 MET 1131 MAT 1110 Sinclair Course CAT 1431 it Cros	to all PROFICIENCY Sinclair Course Offeringe name Customer Service Personal Computer Applications for Engineering Technology Math for Technologists CTAG Sinclair Course Name OSHA Construction Standards 10 Hou Swalk: Transportation Air Transportation (TA) PROFICIENCY Sinclair Course Name Deduction to Unmanned Aerial Systems	Credit Hours 2 r 1 Credit Hours 2 1 su P	t Notes t Notes t Notes t Notes t Notes Course credit can be earned as PR via completion of eLearn hell content, or credit can be eaverded as AA with proof of FAA Part 107 Small UAS license. lease note, this course credit type changed from AA to PR 20
ODE Course N/A N/A N/A ODE Course Current and valid OHSA 10-hour sa ODE ODE ODE N/A N/A N/A	Subject Code afety card E-Sinc Subject C	bject Code CTAN CTS001 - Safety Clair Cred Code Sir Code AVT AVT AVT	Sinclair Course BIS 1400 MET 1131 MAT 1110 Sinclair Course CAT 1431 it Cros	to all PROFICIENCY Sinclair Course Offeringe name Customer Service Personal Computer Applications for Engineering Technology Math for Technologists CTAG Sinclair Course Name OSHA Construction Standards 10 Hou Swalk: Transportation (TA) PROFICIENCY Sinclair Course Name Oduction to Unmanned Aerial Systems Remote Pilot (UAS) Ground School Principles of Aviation Leadership	Credit Hours 1 3 1 3 7 Credit Hours 7 Credit Hours 2 1 su 2 2 2 2 2	t Notes t Notes t Notes t Notes tems - Aviation Notes tems - Aviation Notes tems - Aviation Notes course credit can be earned as PR via completion of eLearn hell content, or credit can be awarded as AA with proof of FAA Part 107 Small UAS license. lease note, this course credit type changed from AA to PR 20-1 AY. eLearn shell content must be completed in order to earn credit for this course.
ODE Course N/A N/A N/A ODE Course Current and valid OHSA 10-hour sa ODE ODE ODE N/A N/A N/A	Subject Code afety card E-Sinc Subject C	bject Code CTAN CTS001 - Safety Clair Cred AVT AVT AVT AVT LATED - Aviation f student earns F/	Sinclair Course BIS 1400 MET 1131 MAT 1110 Sinclair Course CAT 1431 it Cros I CAT 1431 it Cros	to all PROFICIENCY Sinclair Course Name Customer Service Personal Computer Applications for Engineering Technology Math for Technologists CTAG Sinclair Course Name OSHA Construction Standards 10 Hou Swalk: Transportation Air Transportation (TA) PROFICIENCY Sinclair Course Name Sinclair Course Name Sinclair Course Name Sinclair Course Name Sinclair Course Name	Credit Hours 1 3 1 3 3 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	t Notes t Notes t Notes t Notes t Notes tems - Aviation Notes Course credit can be earned as PR via completion of eLearn hell content, or credit can be awarded as AA with proof of FAA Part 107 Small UAS license. lease note, this course credit type changed from AA to PR 20- 1 AY. eLearn shell content must be completed in order to earn credit for this course. d testing processes
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N/A			AVT 1135	Mate	erials and Processes	4			
N/A			AVT 1213		Corrosion	3	subm	itted to MVTPC before credit can be posted.	
N/A			AVT 2237		ections (Airframe and Eng.)	3			
N/A		lf stu	AVT 2143		and Recommendation ertificate, they will earn Artic	2 Sulated Cr	edit for:		
N/A		11 3100	AVT 1136		Sheet Metal	4			
N/A			AVT 2121	Ass	sembly and Rigging	3			
N/A			AVT 2236		Metallic Structures	4			
N/A			AVT 1106	Airfr	ame Safety Systems	2		arded by State or National Accreditation via credit	
N/A			AVT 1107		Fuel Systems	3		process. Copies of cards or certificates must be	
N/A N/A			AVT 1133 AVT 1214		nents/Communications	3	subm	itted to MVTPC before credit can be posted.	
N/A N/A			AVT 1214 AVT 1218	Cabir	Utility Systems	6			
N/A			AVT 2132	Airfra	me Electrical Systems	4			
		If stude	ent earns FA	A Powerplant	Certificate, they will earn Art	iculated C	Credit for:		
	N/A AVT 1128 Power Plant Safety Systems								
N/A N/A			AVT 2122 AVT 2126	•	nition and Starting	4	10 11 1		
N/A N/A			AVT 2126 AVT 2129	Re	ciprocating Engines Propellers	4		arded by State or National Accreditation via credi process. Copies of cards or certificates must be	
N/A			AVT 2123 AVT 2138	Engine	Fuel and Fuel Metering	3		itted to MVTPC before credit can be posted.	
N/A			AVT 2139		ction/Exhaust/Cooling	2			
N/A	L. L		AVT 2219		Turbine Engines	4			
					CTAG				
ODE Course	Subject	CTAN	Sinclair	Sir	clair Course Name	Credit		Notes	
022 000/00	Code	577.00	Course	5/		Hours			
Aviation Airport Management	177020	CTAIR001 - Air Transportation	AVT 2146	Introduc	tion to Airline Operations	3			
Aviation	177013	CTAIR004 - Introduction to Aviation	AVT-1105	Orientation to Aviation		3			
Aviation Pilot Training	177021	CTAIR005 - Private Pilot Theory	AVT-1110	Private Pilot Ground School		3			
Aviation Meteorology	177019	CTAIR003 - Aviation Meteorology	AVT-1119	Av	iation Meteorology	2			
					JROTC				
					PROFICIENCY				
ODE Course	Su	bject Code	Sinclair Course	Sir	nclair Course Name	Credit Hours		Sinclair Program Alignment	
N/A			AVT 1141	Principle	es of Aviation Leadership	2	Please note, this course credit type changed from AA to PR 2 21 AY. eLearn shell content must be completed in order to ea credit		
			General	Tech Pre	p Courses for All Pa	thway	e		
he following are general tech prep c	ourses availa	able to all pathways b						ctors. To see a comprehensive list of all courses availa	
ie iene milg ale general teen prop e	ourooo uruno	12/0 to all pairing/0 2		all pathways, visit	the General Course Offerings pag		doudonno motra		
					PROFICIENCY				
ODE Course	Su	bject Code	Sinclair	Sir	clair Course Name	Credit		Notes	
002 000100	50	2,000 0000	Course	0//		Hours		1000	
N/A			BIS 1400	(Customer Service	3			
N/A			MAT 1110		th for Technologists	3			
N/A			MET 1131	Personal	Computer Applications for Engineering Technology	1			
ODE	-Sinc	lair Cred			Transportation	n Sys	stems -	- Automotive	
			C		ransportation (T9)				
				Sinclair			Credit	· · ·	
ODE Course		Subject Co	de	Course	Sinclair Course N	lame	Hours	NOtes	
	N/A			AUT 1100	Consumer Autom	otive	2	Credit is earned by graduating from a secondary career technical automotive program.	
	N/A			AUT 1108	Automotive Engine S	Systems	4	Students must successfully complete ASI student certification exam A1-Engine Repa with a passing grade of 70% or higher to b awarded credit.	

N/z	4		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//	4		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//	4		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.
				CTAG		
ODE Course	Subject Code	CTAN	Sinclair Course	Sinclair Course Name	Credit Hours	Notes
Ground Transportation Maintenance AND	177000	CTAUT005 - Introduction to	AUT 1102 Introduction to Automotive Service	0.5.2	Must pass WebXam AND receive	
ASE/NATEF examination for Maint Light Repair or Automobile Serv Technology		Automotive Service and Repair	A01 1102		0.5-3	certification to receive credit
		General T	och Pror	Courses for All Pathways		
The following are general tech prep cour	rses available to	all pathways but often pair	ed with courses	in this pathway. These courses may be taught by ac visit the General Course Offerings page.	cademic in	structors. To see a comprehensive list of all courses
			-	ROFICIENCY		
ODE Course		ubject Code	Sinclair Course	Sinclair Course Name	Credit Hours	Notes
N//			BIS 1400	Customer Service	3	
N//			MAT 1110 MET 1131	Math for Technologists Personal Computer Applications for Engineering Technology	3 1	