#### 2025-26 BMITE Sequence of Courses

#### Oklahoma CareerTech Statewide Instructional Framework

	BUSINESS MANAGEMENT & ADMINISTRATION CLUSTER											
PATHWAY: A	ADMINISTRATIVE SU	JPPORT										
		1	2	3	4	5	6	7	8	Additional Course Options		
State Program Area: Administrative Support (480 hours)	Office Clerk OCAS Code: 9202 SOC: 43-9061 CIP: 52.0408	Fundamentals of Technology OCAS Code - 8169 (120)	Fundamentals of Administrative Tech. OCAS Code - 8103 (120)	Administrative Technologies II OCAS Code - 8104 (120)	Office Administration & Management OCAS Code - 8105 (120)					Introduction To Entreprenuership Customer Service Desktop Publishing & Graphic Design Personal Finance		
State Program Area: Administrative Support Intermediate (600 hours)	Administrative Assistant OCAS Code: 9202 SOC: 43-6014 CIP: 52.0401	Fundamentals of Technology OCAS Code - 8169 (120)	Fundamentals of Administrative Tech. OCAS Code - 8103 (120)	Administrative Technologies II OCAS Code - 8104 (120)	Office Administration & Management OCAS Code - 8105 (120)	Customer Assistance (120)				Introduction To Entreprenuership Customer Service Desktop Publishing & Graphic Design Personal Finance		
State Program Area: Administrative	Executive Administrative Assistant OCAS Codes: 9202 & 9226 SOC: 43-6011 CIP: 52.0402	Fundamentals of Technology OCAS Code - 8169 (120)	Fundamentals of Administrative Tech. OCAS Code - 8103 (120)	Administrative Technologies II OCAS Code - 8104 (120)	Office Administration & Management OCAS Code - 8105 (120)	Accounting I (120)	Computerized Accounting OCAS Code - 8109 (120)	Customer Assistance (120)	Digital Marketing (120)	Employment Essentials Payroll Accounting Introduction To Entrepreneursip Advanced Spreadsheet Applications Human Resources Concepts		
Support Advanced (960 hours)	Office Information Specialist OCAS Codes: 9202 & 9226 SOC: 43-6011 or 43-6014 CIP 52.0401	Fundamentals of Technology OCAS Code - 8169 (120)	Fundamentals of Administrative Tech. OCAS Code - 8103 (120)	Administrative Technologies II OCAS Code - 8104 (120)	Office Administration & Management OCAS Code - 8105 (120)	Desktop Publishing and Graphic Design OCAS code - 8149 (120)	Multimedia & Image Management Techniques OCAS Code - 8150 (120)	Layout Design Techniques (120)	Digital Marketing (120)	Fundamentals of Web Design Layout Design Techniques Business Communications Customer Assistance Advanced Spreadsheet Applications		
		1	2	3	4	5	6	7	8	Additional Course Options		
State Program Area: Administrative Support - Legal (480 hours)	Legal Receptionist OCAS Codes: 9210 SOC: 43-6012 CIP: 22.0301	Fundamentals of Technology OCAS Code - 8169 (120)	Foundations for the Legal Office (120)	Legal Office Procedures (180)	Career Major Capstone (60)							
State Program Area: Administrative Support - Legal Advanced (960 hours)	Legal Office Assistant OCAS Codes: 9210 & 9217 SOC: 43-6012 CIP: 22.0301	Fundamentals of Technology OCAS Code - 8169 (120)	Fundamentals of Administrative Tech. OCAS Code - 8103 (120)	Foundations for the Legal Office (120)	Legal Office Procedures (120)	Advanced Computer Apps for the Law Office OCAS Code - 8219 (120)	Advanced Legal Communications (180)	Legal Specialties (180)		Administrative Technologies II		
		1	2	3	4	5	6	7	8	Additional Course Options		
State Program Area: Administrative Support - Medical (480 hours)	Medical Records Clerk OCAS Code: 9213 SOC 43-6013 CIP 51.0710	Fundamentals of Technology OCAS Code - 8169 (120)	Fundamentals of Administrative Tech. OCAS Code - 8103 (120)	Foundations of Medical Office (120)	Medical Terminology (120)							

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#### Oklahoma CareerTech Statewide Instructional Framework

PATHWAY: A	ADMINISTRATIVE SU	JPPORT (c	ontinued)							
		1	2	3	4	5	6	7	8	Additional Course Options
Administrative Support - Medical Intermediate (600 hours)	Patient Service Representative OCAS Code: 9213 SOC 29-2072 CIP 51.0706	Fundamentals of Technology OCAS Code - 8169 (120)	Fundamentals of Administrative Tech. OCAS Code - 8103 (120)	Foundations of Medical Office (120)	Medical Terminology (120)	Electronic Health Records (120)				Patient Billing/Insurance Medical Office Procedures
		1	2	3	4	5	6	7	8	Additional Course Options
State Program Area: Customer Service (480 hours)	Customer Service Representative OCAS Code: 9205 SOC 43-4051 CIP 52.0411	Fundamentals of Technology OCAS Code - 8169 (120)	Fundamentals of Administrative Tech. OCAS Code - 8103 (120)	Customer Assistance (120)	Digital Marketing (120)					
ATHWAY: F	<b>IUMAN RESOURCES</b>	MANAGI	EMENT							
		1	2	3	4	5	6	7	8	Additional Course Options
State Program Area: Human Resources Management (960 hours)	Human Resources Assistant OCAS Codes: 9208 & 9209 SOC 13-1071 CIP 52.1001 or 52.1099	Fundamentals of Technology OCAS Code - 8169 (120)	Fundamentals of Administrative Tech. OCAS Code - 8103 (120)	Office Administration & Management OCAS Code - 8105 (120)	Human Resources Concepts (120)	Human Resources Information Systems (120)	Employee & Labor Relations (120)	Benefits & Compensation Management (120)	Career Major Capstone (120)	
PATHWAY: 6	GENERAL MANAGEN	/IENT								
		1	2	3	4	5	6	7	8	Additional Course Options
State Program Area: Entrepreneur - BA (960 hours)	Entrepreneur OCAS Codes: 9206 & 9207 SOC 11-1021 CIP 52.0701	Fundamentals of Technology OCAS Code - 8169 (120)	Fundamentals of Administrative Tech. OCAS Code - 8103 (120)	Accounting I (120)	Introduction to Entrepreneurship (120)	Computerized Accounting OCAS Code - 8109 (120)	Entrepreneurship: Business Development (120)	Entrepreneurship: Business Management (120)	Digital Marketing (120)	Personal Finance Human Resource Management Office Administration & Management
State Program Area: Hospitality Management (480 Hours)	CIP 52.0901	Introduction to Hospitality and Tourism (120)	Business Communications (120)	Introduction to Business/Marketing (120)	Business and Personal Finance (120)					Fundamentals of Technology fundamentals of Administrative Technology Human Resource Management Office Administration & Management
State Program Area: Hospitality Management Advanced (960 hours)	Meeting, Convention, & Event Manager  OCAS Codes: 9235 & 9236  SOC 13-1121  CIP 52.0907	Fundamentals of Technology OCAS Code - 8169 (120)	Fundamentals of Administrative Tech. OCAS Code - 8103 (120)	Administrative Technologies II OCAS Code - 8104 (120)	Accounting I (120)	Introduction to Hospitality & Tourism (60)  Customer Service (60)	Event & Project Planning Management (120)	Office Administration & Management OCAS Code - 8105 (120)	Resort & Tourism Management (60 hours) Convention Planning (60 hours)	Business Communications Business & Personal Finance Digital Marketing Introduction to Entrepreneurship Foundations of Business

<b>PATHWAY: E</b>	BUSINESS INFORMA	TION MAI	NAGEMEN	IT								
		1	2	3	4	5	6	7	8	А	dditional Course Optio	ns
State Program Area: Business Information Management (480 hours)	Project Management Specialist OCAS Codes: 9233 SOC 13-1082 CIP 52.0211	Fundamentals of Technology OCAS Code - 8169 (120)	Multimedia & Image Management Techniques OCAS Code - 8150 (120)	Fundamentals of Project Management (120)	Business Communications (120)					Design Tool Collabora	yout Design & Techniq s & Electronic Marketin Digital Marketing ation in Problem Based anced Project Manage	ng Strategies I Learning
State Program Area: Business Information Management Advanced (960 hours)	Project Manager OCAS Codes: 9232 & 9233 SOC 11-9199 CIP 52.0211	Fundamentals of Technology OCAS Code - 8169 (120)	Multimedia & Image Management Techniques OCAS Code - 8150 (120)	Fundamentals of Project Management (120)	Business Communications (120)	Advanced Project Management (120)	Collaboration in Problem Based Learning (120)	Digital Marketing (120)	Career Major Capstone (120)		yout Design & Techniq s & Electronic Marketi	
		1	2	3	4	5	6	7	8	А	dditional Course Optio	ns
State Program Area: Business Information Management - Medical	Patient Account Specialist OCAS Codes 9230 & 9231 SOC 43-6013 CIP 51.0714	Fundamentals of Technology OCAS Code - 8169 (120)	Fundamentals of Administrative Tech. OCAS Code - 8103 (120)	Administrative Technologies II OCAS Code - 8104 (120)	Office Administration & Management OCAS Code - 8105 (120)	Foundations of Medical Office (120)	Medical Terminology (120)	Electronic Health Records (120)	Patient Billing/Medical Insurance (120)		oduction to Medical Co inistrative Medical Ass Customer Assistance Accounting I	isting
(960 hours)	Medical Coding Specialist OCAS Codes 9230 & 9231 SOC 29-2072 CIP 51.0713	Fundamentals of Technology OCAS Code - 8169 (120)	Fundamentals of Administrative Tech. OCAS Code - 8103 (120)	Administrative Technologies II OCAS Code - 8104 (120)	Foundations of Medical Office (120)	Medical Terminology (120)	Diagnostic Coding ICD-10-CM (120)	Procedural Coding (120)	Patient Billing/Medical Insurance (120)	Ad	lectronic Health Recor Ivanced Diagnostic Coc Ivanced Procedural Coc	ling
State Program Area: Business Information Management - Medical Advanced (1200 hours)	Health Information Technologist OCAS Codes: 9230 & 9231 SOC 29-9021 ew CIP 51.0713	Fundamentals of Technology OCAS Code - 8169 (120)	Fundamentals of Administrative Tech. OCAS Code - 8103 (120)	Accounting I (120)	Foundations of Medical Office (120)	Medical Terminology (120)	Diagnostic Coding ICD-10-CM (120)	Procedural Coding (120)	Patient Billing/Medical Insurance (120)	Advanced Diagnostic Coding (120)	Advanced Procedural Coding (120)	Electronic Health Records

Technology Centers: Please remember to report the 9000 level State Program OCAS code to your sending schools to allow students to receive their postsecondary opportunity points.

<sup>\*\*</sup>All academic courses (Oklahoma Promise) are highlighted in bold\*\*

Finance Cluster												
PATHWAY:	ACCOUNTING											
		1	2	3	4	5	6	7	8	Additional Course Options		
State Program Area: Accounting (480 Hours)	Accounting Clerk OCAS Code 9258 SOC 43-3031 CIP 52.0302	Fundamentals of Technology OCAS Code-8169 (120)	Fundamentals of Administration Technology OCAS Code - 8103 (120)	Accounting I (120)	Computerized Accounting OCAS Code - 8109 (120)					Payroll Accounting Math of Finance Personal Finance		
State Program Area: Accounting Intermediate (600 Hours)	Financial Clerk OCAS Code 9258 & 9266 SOC 43-3031 CIP 52.0302	Fundamentals of Technology OCAS Code-8169 (120)	Fundamentals of Administration Technology OCAS Code - 8103 (120)	Accounting I (120)	Computerized Accounting OCAS Code - 8109 (120)	Customer Assistance (120)				Accounting II Payroll Accounting		
State Program Area: Accounting Advanced (960 Hours)	Accounting Associate OCAS Codes: 9258 & 9266 SOC 43-3031 or 43-3051 CIP 52.0302	Fundamentals of Technology OCAS Code-8169 (120)	Fundamentals of Administration Technology OCAS Code - 8103 (120)	Administrative Technologies II OCAS Code - 8104 (120)	Accounting I (120)	Computerized Accounting OCAS Code - 8109 (120)	Accounting II (120)	Payroll Accounting (120)	Math of Finance (120)	Office Administration & Management Introduction To Entrepreneurship Business & Personal Finance Business Communications Digital Marketing		
PATHWAY: I	PATHWAY: BUSINESS FINANCE											
		1	2	3	4	5	6	7	8	Additional Course Options		
	Einancial Dianning Assistant		Fundamentals of		~~~							
State Program Area: Financial Services (960 Hours)	Financial Planning Assistant OCAS Codes: 9254 & 9266 SOC 13-2052 CIP 52.0804	Fundamentals of Technology OCAS Code-8169 (120)	Administration Technology OCAS Code - 8103 (120)	Administrative Technologies II OCAS Code - 8104 (120)	Office Administration & Management OCAS Code - 8105 (120)	Accounting I (120)	Financial Accounting (120)	Accounting II (120)	Business & Personal Finance (120)			
Financial Services (960 Hours)	OCAS Codes: 9254 & 9266 SOC 13-2052	Technology OCAS Code-8169	Administration Technology OCAS Code - 8103	Technologies II OCAS Code - 8104	Administration & Management OCAS Code - 8105		Ĭ	_	Finance			
Financial Services (960 Hours)	OCAS Codes: 9254 & 9266 SOC 13-2052 CIP 52.0804	Technology OCAS Code-8169	Administration Technology OCAS Code - 8103	Technologies II OCAS Code - 8104	Administration & Management OCAS Code - 8105		Ĭ	_	Finance	Additional Course Options		
Financial Services (960 Hours)	OCAS Codes: 9254 & 9266 SOC 13-2052 CIP 52.0804	Technology OCAS Code-8169 (120)	Administration Technology OCAS Code - 8103 (120)	Technologies II OCAS Code - 8104 (120)	Administration & Management OCAS Code - 8105 (120)	(120)	(120)	(120)	Finance (120)	Additional Course Options		
Financial Services (960 Hours)  PATHWAY:  State Program Area: Banking Services	OCAS Codes: 9254 & 9266 SOC 13-2052 CIP 52.0804  BANKING SERVICES  Banking Services Representative OCAS Codes: 9255 & 9267 SOC 43-4041 or 43-3071 CIP 52.0803	Technology OCAS Code-8169 (120)  1  Fundamentals of Technology OCAS Code-8169	Administration Technology OCAS Code - 8103 (120)  2 Fundamentals of Administration Technology OCAS Code - 8103	Technologies II OCAS Code - 8104 (120)  3  Administrative Technologies II OCAS Code - 8104	Administration & Management OCAS Code - 8105 (120)  4  Office Administration & Management OCAS Code - 8105	(120)  5  Financial Accounting	6 Banking & Financial Services	(120)  7  Customer Assistance	Finance (120)  8  Business & Personal Finance	Additional Course Options		
Financial Services (960 Hours)  PATHWAY:  State Program Area: Banking Services (960 Hours)	OCAS Codes: 9254 & 9266 SOC 13-2052 CIP 52.0804  BANKING SERVICES  Banking Services Representative OCAS Codes: 9255 & 9267 SOC 43-4041 or 43-3071 CIP 52.0803  INSURANCE	Technology OCAS Code-8169 (120)  1  Fundamentals of Technology OCAS Code-8169	Administration Technology OCAS Code - 8103 (120)  2 Fundamentals of Administration Technology OCAS Code - 8103	Technologies II OCAS Code - 8104 (120)  3  Administrative Technologies II OCAS Code - 8104	Administration & Management OCAS Code - 8105 (120)  4  Office Administration & Management OCAS Code - 8105	(120)  5  Financial Accounting	6 Banking & Financial Services	(120)  7  Customer Assistance	Finance (120)  8  Business & Personal Finance	Additional Course Options  Additional Course Options		
Financial Services (960 Hours)  PATHWAY:  State Program Area: Banking Services (960 Hours)	OCAS Codes: 9254 & 9266 SOC 13-2052 CIP 52.0804  BANKING SERVICES  Banking Services Representative OCAS Codes: 9255 & 9267 SOC 43-4041 or 43-3071 CIP 52.0803	Technology OCAS Code-8169 (120)  1  Fundamentals of Technology OCAS Code-8169 (120)	Administration Technology OCAS Code - 8103 (120)  2 Fundamentals of Administration Technology OCAS Code - 8103	Technologies II OCAS Code - 8104 (120)  3  Administrative Technologies II OCAS Code - 8104 (120)	Administration & Management OCAS Code - 8105 (120)  4  Office Administration & Management OCAS Code - 8105 (120)	(120)  5  Financial Accounting (120)	6 Banking & Financial Services (120)	(120)  7  Customer Assistance	Finance (120)  8  Business & Personal Finance (120)			

Finance

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<sup>\*\*</sup>All academic courses (Oklahoma Promise) are highlighted in bold\*\*

			Info	rmation <sup>-</sup>	Technolog	y Cluster				
PATHWAY: NE	TWORK SYSTEMS	_	_	_			_	_	_	
		1	2	3	4	5	6	7	8	Additional Course Options
State Program Area: Network Support (960 Hours)	Home Technology Integrator OCAS Codes 9542 & 9543 SOC 49-2097 CIP 47.0103	Fundamentals of Technology OCAS Code-8169 (120)	Computer Repair & Troubleshooting I OCAS Code - 8136 (120)	Computer Repair & Troubleshooting II OCAS Code - 8137 (120)	Routing & Switching I OCAS Code - 8125 (120)	Routing & Switching II OCAS Code - 8126 (120)	Audio Visual Systems (120)	Auxiliary Home Technology Systems (120)	Enterprise Security Management OCAS Code - 8132 (120)	Cybersecurity Basics Fundamentals of Linux/UNIX Network/Client Operating Systems
		1	2	3	4	5	6	7	8	Additional Course Options
State Program Area: Cybersecurity (480 Hours)	Cybersecurity Specialist OCAS Codes: 9530 & 9564 SOC 15-1212 CIP 11.1003	Fundamentals of Technology OCAS Code-8169 (120)	Security Fundamentals OCAS Code - 8246 (120)	Network Security Awareness OCAS Code - 8223 (120)	Enterprise Security Management OCAS Code - 8132 (60) Secure Electronic Commerce OCAS Code - 8133 (60)					Cyber Forensics Cybersecurity Basics Computer Repair & Troubleshooting Network Security Server Operating Systems
State Program Area: Cybersecurity Intermediate (600 Hours) Upo	Cybersecurity Network Specialist OCAS Codes: 9530 & 9564 SOC 15-1212 CIP 11.1003	Fundamentals of Technology OCAS Code-8169 (120)	Computer Repair & Troubleshooting I OCAS Code - 8136 (120)	Computer Repair & Troubleshooting II OCAS Code - 8137 (120)	Routing & Switching I OCAS Code - 8125 (120)	Network Security OCAS Code 8134 (60) Network Security Management OCAS Code - 8131 (60)				Cyber Forensics Principles of Information Assurance Enterprise Security Management Secure Electronic Commerce
State Program Area: ybersecurity Advanced	Digital Forensics Analyst OCAS Codes: 9530 & 9564 SOC 15-1299.06	Fundamentals of Technology OCAS Code-8169	Computer Repair & Troubleshooting I OCAS Code - 8136	Computer Repair & Troubleshooting II OCAS Code - 8137	Routing & Switching I OCAS Code - 8125		Principles of Information Assurance OCAS Code - 8130 (60)	Enterprise Security Management OCAS Code - 8132 (60)	Cyber Forensics OCAS Code - 8134 (60)	Server Operating Systems Cybersecurity Basics
(960 Hours)	CID 43-0403	(120)	(120)	(120)	(120)	(120)	Network Security Management OCAS Code - 8131 (60)	Secure Electronic Commerce OCAS Code - 8133 (60)	Network Security OCAS Code 8134 (60)	cycliscianty dusies
		1	2	3	4	5	6	7	8	Additional Course Options
State Program Area: Networking (480 Hours)	Network Technician Assistant OCAS Code: 9547 SOC 15-1231 CIP 11.0901	Fundamentals of Technology OCAS Code-8169 (120)	Computer Repair & Troubleshooting I OCAS Code - 8136 (120)	Computer Repair & Troubleshooting II OCAS Code - 8137 (120)	Routing & Switching I OCAS Code - 8125 (120)					Network Management
State Program Area: Networking Intemediate (600 Hours)	Network Technician OCAS Code: 9548 SOC 15-1231 CIP 11.1001	Fundamentals of Technology OCAS Code-8169 (120)	Computer Repair & Troubleshooting I OCAS Code - 8136 (120)	Computer Repair & Troubleshooting II OCAS Code - 8137 (120)	Routing & Switching I OCAS Code - 8125 (120)	Network Management OCAS Code - 8123 (120)				Routing & Switching II

Information Technology

PATHWAY: NF	TWORK SYSTEMS (co	ntinued)								
	(33	1	2	3	4	5	6	7	8	Additional Course Options
	Network Security Professional OCAS Codes: 9547 & 9548 SOC 15-1212 CIP 11.1003	Fundamentals of Technology OCAS Code-8169 (120)	Routing & Switching I OCAS Code - 8125 (120)	Routing & Switching II OCAS Code - 8126 (120)	Network/Client Operating Systems OCAS Code - 8121 (120)	Server Operating Systems OCAS Code - 8122 (120)	Network Management OCAS Code - 8123 (120)	Security Fundamentals OCAS Code - 8246 (120)	Network Security OCAS Code - 8131 (60) Principles of Information Assurance OCAS Code - 8130 (60)	
State Program Area:	Network Systems Engineer OCAS Codes: 9547 & 9548 SOC 15-1244 CIP 11.1003	Fundamentals of Technology OCAS Code-8169 (120)	Advanced Routing & Remote Access Networks (120)	Windows Server Operating Systems Fundamentals OCAS Code - 8150 (120)	Server Infrastructure Design OCAS Code - 8185 (120)	Network Management OCAS Code - 8123 (120)	Active Directory Infrastructure OCAS Code - 8184 (120)	Network/Client Operating Systems OCAS Code - 8121 (120)	Security Fundamentals OCAS Code - 8246 (120)	
Networking Advanced (960 Hours)	Network Server Technician OCAS Codes: 9547 & 9548 SOC 15-1244 CIP 11.1001	Fundamentals of Technology OCAS Code-8169 (120)	Routing & Switching I OCAS Code - 8125 (120)	Server Operating Systems OCAS Code - 8122 (120)	Server Infrastructure Design OCAS Code - 8185 (120)	Routing & Switching II OCAS Code - 8126 (120)	Active Directory Infrastructure OCAS Code - 8184 (120)	Network Security Awareness OCAS Code - 8233 (120)	Security Fundamentals OCAS Code - 8246 (120)	
	Enterprise Network Professional OCAS Codes: 9547 & 9548 SOC 15-1244 CIP 11-1003	Fundamentals of Technology OCAS Code-8169 (120)	Computer Repair & Troubleshooting I OCAS Code - 8136 (120)	Computer Repair & Troubleshooting II OCAS Code - 8137 (120)	Routing & Switching I OCAS Code - 8125 (120)	Routing & Switching II OCAS Code - 8126 (120)	Server Operating Systems OCAS Code - 8122 (120)	Network/Client Operating Systems OCAS Code - 8121 (120)	Network Management OCAS Code - 8123 (120)	Enterprise Security Management Network Fundamentals Cybersecurity Operations Routing & Switching III
	Network Server Administrator OCAS Codes: 9547 & 9548 SOC 15-1244 CIP 11.1001	Fundamentals of Technology OCAS Code-8169 (120)	Computer Repair & Troubleshooting I OCAS Code - 8136 (120)	Computer Repair & Troubleshooting II OCAS Code - 8137 (120)	Routing & Switching I OCAS Code - 8125 (120)	Network/Client Operating Systems OCAS Code - 8121 (120)	Server Operating Systems OCAS Code - 8122 (120)	Security Fundamentals OCAS Code - 8246 (120)	Network Security Awareness OCAS Code - 8233 (120)	
PATHWAY: IN	FORMATION SUPPOR	T & SERVI	CES							
		1	2	3	4	5	6	7	8	Additional Course Options
State Program Area: Computer/Network Support (480 Hours)	PC Support Technician OCAS Code: 9542 SOC 49-2001 CIP 47.0104	Fundamentals of Technology OCAS Code-8169 (120)	Computer Repair & Troubleshooting I OCAS Code - 8136 (120)	Computer Repair & Troubleshooting II OCAS Code - 8137 (120)	IT Essentials OCAS Code - 8252 (120)					
State Program Area: Computer/Network Support Advanced (960 Hours)	Network PC Support Technician OCAS Codes: 9542 & 9543 SOC 15-1231 CIP 11.0901	Fundamentals of Technology OCAS Code-8169 (120)	Computer Repair & Troubleshooting I OCAS Code - 8136 (120)	Computer Repair & Troubleshooting II OCAS Code - 8137 (120)	Computer Repair & Troubleshooting III (120)	Routing & Switching I OCAS Code - 8125 (120)	Routing & Switching II OCAS Code - 8126 (120)	Cybersecurity Basics OCAS Code - 8256 (120)	Server Operating Systems	Network Security Operating System Command Line Enterprise Security Management

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Information Technology

PATHWAY: PI	ROGRAMMING & SOF	TWARE DE	VELOPME	NT						
		1	2	3	4	5	6	7	8	Additional Course Options
State Program Area: Programming	App Program Developer OCAS Code: 9550 SOC 15-1251 CIP 11.0201	Fundamentals of Technology OCAS Code-8169 (120)	C# Programing OCAS Code 8166 (120)	Advanced Scripting Languages OCAS Code - 8162 (120)	Mobile Development Fundamentals (120)					
(480 Hours)	Programming Technician OCAS Code: 9550 SOC 15-1231 CIP 11.0201	Fundamentals of Technology OCAS Code-8169 (120)	Programming Fundamentals OCAS Code - 8222 (120)	C# Programming OCAS Code 8166 (120)	C++ Programming OCAS Code 8165 (120)					Python
	Enterprise Developer OCAS Codes: 9550 & 9551 SOC 15-1254 CIP 11.0201	Fundamentals of Technology OCAS Code-8169 (120)	Introduction to Programming OCAS Code - 8225 (120)	Advanced Programming OCAS Code - 8160 (120)	Database Design & Programming OCAS Code 8140 (120)	Scripting Language Fundamentals OCAS Code - 8159 (120)	Advanced Scripting Languages OCAS Code - 8162 (120)	C# Programing OCAS Code 8166 (120)	C++ Programing OCAS Code 8165 (120)	Programming Fundamentals Software Configuration Web Scripting Foundations Python Java Programming Web App Technology
State Program Area: Programming Advanced (960 Hours)	Game Programmer  OCAS Codes: 9550 & 9551  SOC 15-1251  CIP 11.0201	Fundamentals of Technology OCAS Code-8169 (120)	Gaming Development Fundamentals OCAS Code - 8245 (120)	Fundamentals of Video Game Design OCAS Code - 8228 (120)	Software Configuration Management OCAS Code - 8163 (120)	Advanced Scripting Languages OCAS Code - 8162 (120)	C# Programing OCAS Code 8166 (120)	Advanced Programming OCAS Code - 8160 (120)	Cross Platform Game Programming (120)	Fundamentals of 3D Motion Graphics Scripting language Fundamentals C++ Programming
	Computer Programmer (Multiple Languages) OCAS Codes: 9550 & 9551 SOC 15-1251 CIP 11.0201	Fundamentals of Technology OCAS Code-8169 (120)	Introduction to Programming OCAS Code - 8225 (120)	JAVA Programming OCAS Code - 8230 (120)	Scripting Language Fundamentals OCAS Code - 8159 (120)	Advanced Programming OCAS Code - 8160 (120)	C# Programing OCAS Code 8166 (120)	C++ Programing OCAS Code 8165 (120)	Advanced Scripting Languages OCAS Code - 8162 (120)	Fundamentals of Video Game Design Cross Platform Game Programming Systems Analysis Design & Testing Software Configuration Management Scripting Language Fundamentals
		1	2	3	4	5	6	7	8	Additional Course Options
State Program Area: Computer Science Prep (960 Hours)	Computer Science Engineering Prep OCAS Codes: 9550 & 9551 SOC 15-1231 CIP 11.0701	Fundamentals of Technology OCAS Code-8169 (120)	Computer Science Discoveries OCAS Code - 8867 (120)	Internet of Things OCAS 8255 (120)	Computer Science Essentials OCAS Code - 8852 (120)	Computer Science Principles OCAS Code - 8860 (120)	AP Computer Science A OCS Code - 2535 (120)	AP Computer Science Principles OCAS Code - 2536 (120)	Career Major Capstone (120)	

Information Technology

PATHWAY: W	/EB & DIGITAL COMM	UNICATIO	NS							
		1	2	3	4	5	6	7	8	Additional Course Options
State Program Area: Animation Technology (480 Hours)	Special Effects Technician OCAS Code: 9526 SOC 27-1014 CIP 10.0304	Fundamentals of Technology OCAS Code-8169 (120)	Multimedia & Image Management Techniques OCAS Code - 8150 (120)	Principles of Animation (120)	Fundamentals of 3D Motion Graphics OCAS Code - 8207 (120)					2D Animation Techniques Digital Media Production Advanced 3-D Modeling Storyboarding Fundamentals
State Program Area: Animation Technology Advanced (960 Hours)	Motion Graphics Artist OCAS Codes: 9526 & 9527 SOC 27-1014 CIP 10-0304	Fundamentals of Technology OCAS Code-8169 (120)	Multimedia & Image Management Techniques OCAS Code - 8150 (120)	Principles of Animation (120)	2D Animation Techniques (120)	Fundamentals of 3D Motion Graphics OCAS Code - 8207 (120)	3D Animation OCAS Code - 8208 (120)	3D Modeling & Rigging Techniques (120)	Design Tools & Electronic Marketing Strategies (OCAS Code - 8164 (120)	Digital Media Production Storyboarding Fundamentals 2D Animation Production Advanced 2D Animation Advanced Digital Art & Design
		1	2	3	4	5	6	7	8	Additional Course Options
State Program Area: Audio & Video Technology - IT (480 Hours)	Video Production Assistant OCAS Code: 9554 SOC 27-4011 CIP 10.0201	Fundamentals of Technology OCAS Code-8169 (120)	Multimedia & Image Management Techniques OCAS Code - 8150 (120)	Digital Media Production OCAS Code - 8191 (120)	Non-Linear Digital Editing (120)					Digital Editing & Production Photography Drone Technology
		1	2	3	4	5	6	7	8	Additional Course Options
State Program Area: Audio & Video	Audio Technician OCAS Codes: 9554 & 9555 SOC 27-4011 CIP 10.0203	Fundamentals of Technology OCAS Code-8169 (120)	Multimedia & Image Management Techniques OCAS Code - 8150 (120)	Interactive Marketing Techniques (120)	Audio Production (120)	Broadcast Production (120)	Audio Production for Radio & Video (180)	Audio Tools & Techniques (180)		
Technology - IT Advanced (960 Hours)	Video Technician OCAS Codes: 9554 & 9555 SOC 27-4032 CIP 10.0299	Fundamentals of Technology OCAS Code-8169 (120)	Multimedia & Image Management Techniques OCAS Code - 8150 (120)	Digital Media Production OCAS Code - 8191 (120)	Non-Linear Digital Editing (120)	Broadcast Production (120)	Audio Production (120)	Advanced Digital Video Tools & Techniques (120)	Non-Linear Digital Production (120)	Advanced Interactive Media Applications Digital Cinema Production - Advanced Remote Field Production Studio Production Advanced Effects for Motion Graphics
		1	2	3	4	5	6	7	8	Additional Course Options
State Program Area: Digital Design & Publishing (480 Hours)	Desktop Publisher/Graphic Designer OCAS Code: 9537 SOC 27-1024 CIP 50.0409	Fundamentals of Technology OCAS Code-8169 (120)	Desktop Publishing & Graphic Design OCAS Code - 8149 (120)	Multimedia & Image Management Techniques OCAS Code - 8150 (120)	Digital Editing & Production Photography OCAS Code - 8151 (120)					Vector Graphics Customer Service Drone Technology
State Program Area: Digital Design & Publishing Advanced (960 Hours)	Graphic Design Specialist OCAS Codes 9537 & 9538 SOC 27-1024 CIP 50.0409	Fundamentals of Technology OCAS Code-8169 (120)	Desktop Publishing & Graphic Design OCAS Code - 8149 (120)	Multimedia & Image Management Techniques OCAS Code - 8150 (120)	Digital Editing & Production Photography OCAS Code - 8151 (120)	Design Tools & Electronic Marketing Strategies (OCAS Code - 8164 (120)	Advanced Design Techniques OCAS Code - 8155 (120)	Layout Design Techniques (120)	Fundamentals of Web Design OCAS Code - 8153 (120)	Customer Assistance Interactive Marketing Techniques Digital Marketing Marketing Fundamentals Non-Linear Digital Editing
		1	2	3	4	5	6	7	8	Additional Course Options
State Program Area: Game Design Development Advanced (960 Hours)	Video Game Designer OCAS Codes: 9552 & 9553 SOC 27-1014 CIP 50.0411	Fundamentals of Technology OCAS Code-8169 (120)	Multimedia & Image Management Techniques OCAS Code - 8150 (120)	Design Tools & Electronic Marketing Strategies (OCAS Code - 8164 (120)	Fundamental of Video Game Design OCAS Code - 8228 (120)	2D Animation Techniques (120)	Fundamentals of 3D Motion Graphics OCAS Code - 8207 (120)	3D Modeling & Rigging Techniques (120)	Layout Design Techniques (120)	

Program Specialists:

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PATHWAY: W	EB & DIGITAL COMM	UNICATIO	NS (contin	ued)						
		1	2	3	4	5	6	7	8	Additional Course Options
State Program Area: Multimedia Technology (480 Hours)	Interactive Media Specialist OCAS Code: 9540 SOC 27-1014 CIP 50.0411	Fundamentals of Technology OCAS Code-8169 (120)	Multimedia & Image Management Techniques OCAS Code - 8150 (120)	Fundamentals of Web Design OCAS Code - 8153 (120)	Digital Media Production OCAS Code - 8191 (120)					3D Modeling & Animation Animation Techniques Audio Production Broadcast Production Digital Editing & Production Photography
State Program Area: Multimedia Technology	nedia Technology Advanced  Multimedia Specialist	Fundamentals of Technology OCAS Code-8169 (120)	Multimedia & Image Management Techniques OCAS Code - 8150 (120)	Fundamentals of Web Design OCAS Code - 8153 (120)	Design Tools & Electronic Marketing Strategies OCAS Code - 8164 (120)	Digital Media Production OCAS Code - 8191 (120)	Digital Editing & Production Photography OCAS Code - 8151 (120)	Broadcast Production (120)	Interactive Marketing Techniques (120)	Digital Media Production
Advanced (960 Hours)		Fundamentals of Technology OCAS Code-8169 (120)	Desktop Publishing & Graphic Design OCAS Code - 8149 (120)	Multimedia & Image Management Techniques OCAS Code - 8150 (120)	Non-Linear Digital Editing (120)	Digital Media Production OCAS Code - 8191 (120)	Advanced Digital Video Tools & Techniques (120)	Interactive Marketing Techniques (120)	Design Tools & Electronic Marketing Strategies OCAS Code - 8164 (120)	Digital Editing & Production Photography Broadcast Production Fundamentals of Web Design Non-Linear Digital Production Audio Production
		1	2	3	4	5	6	7	8	Additional Course Options
State Program Area: Web Design &	E-Business Specialist OCAS Code: 9557 SOC 27-1014 CIP 11.0801	Fundamentals of Technology OCAS Code-8169 (120)	Fundamentals of Web Design OCAS Code - 8153 (120)	Design Tools & Electronic Marketing Strategies OCAS Code - 8164 (120)	Web Scripting Foundations OCAS Code - 8157 (120)					
Development - IT (480 Hours)	Web Designer OCAS Code: 9557 SOC 15-1255 CIP 11.0801	Fundamentals of Technology OCAS Code-8169 (120)	Fundamentals of Web Design OCAS Code - 8153 (120)	Multimedia & Image Management Techniques OCAS Code - 8150 (120)	Digital Media Production OCAS Code - 8191 (120)					
State Program Area: Web Design & Development - IT Advanced	Web Applications Developer OCAS Codes: 9557 & 9558 SOC 15-1254 CIP 11.1004	Fundamentals of Technology OCAS Code-8169 (120)	Fundamentals of Web Design OCAS Code - 8153 (120)	Web Scripting Foundations OCAS Code - 8157 (120)	C# Programming OCAS Code - 8166 (120)	SQL & PL/SQL Database Applications Development OCAS Coe - 8141 (120)	Network/Client Operating Systems OCAS Code - 8121 (120)	Advanced Design Techniques OCAS Code - 8155 (120)	Web Authoring Languages (120)	Design Tools & Electronic Marketing Strategies Digital Editing & Production Photography Fundamentals of Administrative Technology Multimedia & Image Management Techniques Python
(960 Hours)	Back End Developer OCAS Codes: 9557 & 9558 SOC 15-1254 CIP 11.0801	Fundamentals of Technology OCAS Code-8169 (120)	Fundamentals of Web Design OCAS Code - 8153 (120)	Web Scripting Foundations OCAS Code - 8157 (120)	Web Development Fundamentals (120)	Web Authoring Languages (120)	Server-Side Scripting (120)	Layout Design Techniques (120)	Interactive Marketing Techniques (120)	Web Authoring Tools Multimedia & Image Management Techniques

Technology Centers: Please remember to report the 9000 level State Program OCAS Code to your sending schools to allow students to receive their Postsecondary opportunity points.

<sup>\*\*</sup>All academic courses (Oklahoma Promise) are highlighted in bold\*\*

#### **MARKETING CLUSTER PATHWAY: MARKETING MANAGEMENT** Business & Marketing Entrepreneurship: Business Development **Marketing Entrepreneur** Communications Advanced Entrepreneurship **State Program Area:** Marketing OCAS Code: 9795 Digital Marketing Entrepreneurship (60)**Customer Service Business Management & Supervision** Entrepreneurship MK Fundamentals (60) (120)(120)**Entrepreneurship Awareness** SOC: 11-1021 (120)(480 hours) Financial Literacy Customer Service CIP: 52.0701 (60) **Marketing Entrepreneur** Customer Service Computerized Fundamentals of **Desktop Publishing Specialist** (60)Marketing Digital Marketing Entrepreneurship Accounting Accounting **Administrative Tech** and Graphic Design Fundamentals of Web Design OCAS Codes: 9795 & 9802 Fundamentals (120)(120)OCAS - 8109 OCAS Code - 8103 OCAS Code - 8149 Office Administration & Management (120)(120)SOC: 11-2021 Ethical Leadership (120)(120)(120) **State Program Area:** CIP: 52.0701 (60) Entrepreneurship MK Advanced E-Commerce Buying & Merchandising (960 hours) Marketing **Small Business Entrepreneur** Business Entrepreneurship Awareness Marketing Advanced Advertising (60)OCAS Codes: 9795 & 9802 Digital Marketing Entrepreneurship Management and Accounting I Customer Service Fundamentals Entrepreneurship Strategies **Business &** Desktop Publishing & Graphic Design SOC: 11-2021 (120)(120)Supervision (120)(120) (120)(120)Marketing Entrepreneurship: Business Development (120)CIP 52.0701 Communications Entrepreneurship: Business Development (60)Business & Buying and Marketing **Retail Manager** Merchandising Business Communications Marketing Advertising Product & Service (60)OCAS Codes: 9789 & 9809 Digital Marketing Management and Marketing Research (60)Fundamentals Strategies Sales SOC: 11-1021 (120)Supervision (120)(120)(120)(120)E- Commerce (120)**Customer Service** CIP: 52.0212 Marketing **State Program Area:** (60)(60)Management (960 hours) E-Commerce Marketing **Customer Experience Manager Business** Interactive Awareness of **Public Relations** Marketing (60)OCAS Codes: 9789 & 9809 Digital Marketing Management and Marketing Research Marketing Fundamentals Marketing GPS/GIS (120)(120)Supervision Techniques SOC: 13-1161 (120)(120)(120)(120)**Customer Service** (120)CIP: 52.1401 (60)

Marketing

		1	2	3	4	5	6	7	8	Additional Course Options	
State Program Area: Marketing Communications (480 hours)	Marketing Assistant OCAS Code: 9783 SOC: 27-3099 CIP: 09.0702	Marketing Fundamentals (120)	Digital Marketing (120)	Business & Marketing Communications (60)	Customer Service (60)	Sales and Sales Promotion (60)	Product & Service Sales (120)			Business Communications Social Marketing	
	Sports Marketing Associate OCAS Codes: 9783 & 9784	Marketing Fundamentals	Digital Marketing	Sports and Entertainment	Business & Marketing Communications (60)	Customer Service (60)	Advertising Strategies	Public Relations Marketing	Product & Service Sales		
	SOC: 27-3031 CIP: 09.0906	(120)	(120)	Marketing (120)	Sales & Sales Promotion (60)	Employment Essentials (60)	(120)	(120)	(120)		
State Program Area: Marketing	Digital Marketing Specialist OCAS Codes: 9783 & 9784	Marketing Fundamentals	Digital Marketing	Business & Marketing Communications (60)	International Business and	Marketing Research	Customer Service (60)	Advertising Strategies	Public Relations Marketing	Fundamentals of Web Design Multimedia & Image Management Techniques Personal Finance	
Communications Advanced (960 hours)	SOC: 27-3099 CIP: 09.0702	(120)	(120)	Ethical Leadership (60)	Marketing (120)	(120)	Employment Essentials (60)	(120)	(120)		
	Marketing/PR Specialist OCAS Codes: 9783 & 9784 SOC: 27-3031	3 & 9784 Marketing		Business & Marketing Communications (60)	Business Management and Supervision	International Business and Marketing	Marketing Research (120)	Customer Service (60)	Product & Service Sales	Advertising Strategies Broadcast Production Desktop Publishing & Graphic Design	
	CIP: 09.0902		(120)	Customer Service (60)	(120)	(120)	, ,,	,,	(120)	Disruptive Technologies Graphic Communication	

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