

2024-25 BMITE Sequence of Courses
Oklahoma CareerTech Statewide Instructional Framework

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 (405) 743-5117

BUSINESS MANAGEMENT & ADMINISTRATION CLUSTER

PATHWAY: ADMINISTRATIVE SUPPORT

		1	2	3	4	5	6	7	8	9	Suggested Certification Options:
State Program Area: Administrative Support (480 hours)	Administrative Assistant OCAS Code: 9202 SOC 43-6014 ; CIP 52.0401 (480 hours)	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)					Precision Exams: Administrative Professional - 201 Business Office Specialist - 202 Business Management - 163
State Program Area: Administrative Support Advanced (960 hours)	Executive Administrative Assistant OCAS Codes: 9202 & 9226 SOC 43-6011 ; CIP 52.0402 (960 hours)	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)	Career Major Capstone (60)	TOSA Exams: Collaborative 365 Platform Certification - 128
	Office Information Specialist OCAS Codes: 9202 & 9226 SOC 43-6011 or 43-6014 CIP 52.0402 or 52.0401 (960 hours)	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)		
State Program Area: Administrative Support Legal (480 hours)	Legal Receptionist OCAS Code: 9210 SOC 43-6012 ; CIP 22.0301 (480 hours)	Fundamentals of Technology OCAS Code - 8169 (120)	Foundations for the Legal Office (120)	Legal Office Procedures (180)	Career Major Capstone (60)						Suggested Certification Options: ODCTE: Legal Office Assistant - 101 TOSA Exams: Collaborative 365 Platform Certification - 128
State Program Area: Administrative Support Legal Advanced (960 hours)	Legal Office Assistant OCAS Codes: 9210 & 9217 SOC 43-6012 ; CIP 22.0301 (960 hours)	Fundamentals of Technology OCAS Code - 8169 (120)	Fundamentals of Administrative Tech. OCAS Code - 8103 (120)	Foundations for the Legal Office (120)	Legal Office Procedures (180)	Advanced Computer Apps for the Law Office OCAS Code - 8219 (120)	Advanced Legal Communications (180)	Legal Specialties (180)			NALS: Accredited Legal Professional (ALP) - 160
State Program Area: Administrative Support Medical (480 hours)	Patient Service Representative OCAS Code: 9213 SOC 43-6013 ; CIP 51.0710 (480 hours)	Fundamentals of Technology OCAS Code - 8169 (120)	Fundamentals of Administrative Tech. OCAS Code - 8103 (120)	Foundations of Medical Office (120)	Medical Terminology (120)						Suggested Certification Options: ODCTE - Medical Administrative Asst. - 8624 NCCT - Medical Office Assistant - 8516 PSI - Medical Administrative Assistant - 8728
State Program Area: Customer Service (600 hours)	Customer Service Representative OCAS Code: 9205 SOC 43-4051 ; CIP 52.0411 (600 hours)	Fundamentals of Technology OCAS Code - 8169 (120)	Fundamentals of Administrative Tech. OCAS Code - 8103 (120)	Customer Assistance (120)	Digital Marketing (120)	Career Major Capstone (120)					Precision Exams: Customer Service - 449 Business Office Specialist - 202

PATHWAY: HUMAN RESOURCES MANAGEMENT

		1	2	3	4	5	6	7	8	Suggested Certification Options:	
State Program Area: Human Resources Management (960 hours)	Human Resources Assistant OCAS Codes: 9208 & 9209 SOC 13-1071 ; CIP 52.1001 / 52.1099 (960 hours)	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 (60)		Precision Exams: Business Office Specialist - 202 TOSA Exams: Collaborative 365 Platform Certification - 128

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PATHWAY: GENERAL MANAGEMENT

		1	2	3	4	5	6	7	8	9	Suggested Certification Options:
State Program Area: Entrepreneur - BA (1,020 hours)	Entrepreneur OCAS Codes: 9206 & 9207 SOC 11-1021 ; CIP 52.0701 (1,020 hours)	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)	Career Major Capstone (120)	Certiport: Entrepreneurship - 912 Precision Exams: Entrepreneurship - 915
State Program Area: Hospitality Management (960 hours)	Meeting, Convention, & Event Manager OCAS Codes: 9235 & 9236 SOC 13-1121 ; CIP 52.0907 (960 hours)	Fundamentals of Technology OCAS Code - 8169 (120)	Fundamentals of Administrative Tech. OCAS Code - 8103 (120)	Office Administration & Management OCAS Code - 8105 (120)	Accounting I (120)	Introduction to Hospitality & Tourism (60)	Event & Project Planning Management (120)	Convention Planning (60 hours)	Resort & Tourism Management (60 hours)	Career Major Capstone (120)	Tosa Exams: Collaborative 365 Platform Certification - 128

PATHWAY: BUSINESS INFORMATION MANAGEMENT

		1	2	3	4	5	6	7	8	9	Suggested Certification Options:
State Program Area: Business Information Management (720 hours)	Project Manager OCAS Codes: 9232 & 9233 SOC 11-9199 ; CIP 52.0211 (720 hours)	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)	Career Major Capstone (120)			Certiport: Project Management (PMI) - 198
State Program Area: Business Information Management - Medical Advanced (960 hours)	Patient Account Specialist OCAS Codes 9230 & 9231 SOC 43-6013 ; CIP 51.0714 (960 hours)	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 (180)	Career Major Capstone (120)	PSI: Cert Electronic Health Record Specialist - 8726 Pearson: Registered Health Info. Specialist - 8509 AMT: Cert. Medical Admin. Specialist - 8501
	Medical Coding Specialist OCAS Codes 9230 & 9231 SOC 29-2072 ; CIP 51.0713 (960 hours)	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 (180)	Patient Billing/Medical Insurance (180)	Career Major Capstone (120)	AMCA: Electronic Health Record Cert. - 8776

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.

** All academic courses (Oklahoma Promise) are highlighted in bold **

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FINANCE CLUSTER

PATHWAY: ACCOUNTING

		1	2	3	4	5	6	7	8	Suggested Certification Options:
State Program Area: Accounting (480 hours)	Accounting Clerk OCAS Code: 9258 SOC 43-3031 or 43-3051 ; CIP 52.0302 (480 hours)	Fundamentals of Technology OCAS Code - 8169 (120)	Fundamentals of Administrative Tech. OCAS Code - 8103 (120)	Accounting I (120)	Computerized Accounting OCAS Code - 8109 (120)					ODCTE: Accounts Payable Clerk-0001 Accounts Receivable Clerk-0002 Full Charge Bookkeeper-0003 Payroll Clerk - 004
State Program Area: Accounting Advanced (960 hours)	Accounting Associate OCAS Codes: 9258 & 9266 SOC 43-3031 or 43-3051 ; CIP 52.0302 (960 hours)	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)	Computerized Accounting OCAS Code - 8109 (120)	Accounting II (120)	Payroll Accounting (120)	Math of Finance (120)	Certiport: Quickbooks Certified User - 0010 Intuit Ce3rtified Bookkeeping Professional - 0012

PATHWAY: BUSINESS FINANCE

		1	2	3	4	5	6	7	8	Suggested Certification Options:
State Program Area: Financial Services (1,020 hours)	Financial Planning Assistant OCAS Codes: 9254 & 9268 SOC 13-2052 ; CIP 52.0804 (1,020 hours)	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)	Financial Accounting (120)	Accounting II (120)	Business & Personal Finance (120)	ODCTE: Accounts Payable Clerk-0001 Accounts Receivable Clerk-0002

PATHWAY: BANKING SERVICES

		1	2	3	4	5	6	7	8	Suggested Certification Options:
State Program Area: Banking Services (840 hours)	Banking Services Representative OCAS Codes: 9255 & 9267 SOC 43-4041 or 43-3071 ; CIP 52.0803 (840 hours)	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)	Financial Accounting (120)	Banking & Financial Services (120)	Customer Assistance (120)		TestOut: Testout Office Pro-0149 Precision Exams: Math of Business & Personal Finance-0009

PATHWAY: INSURANCE

		1	2	3	4	5	6	7	8	Suggested Certification Options:
State Program Area: Insurance Services (840 hours)	Insurance Customer Service Representative OCAS Codes: 9259 & 9260 SOC 41-3021 ; CIP 52.1701 (840 hours)	Fundamentals of Technology OCAS Code - 8169 (120)	Fundamentals of Administrative Tech. OCAS Code - 8103 (120)	Property & Casualty Personal Lines (120)	Property & Casualty Commercial Lines (120)	Accident and Health Insurance (120)	Life Insurance Concepts (120)	Customer Assistance (120)		Society of CISR: Elements of Risk Management-0708 Insuring Personal Residential Property-0709 Insuring Commercial Property-0710 Life and Health Insurance-0711 Insuring Personal Auto Exposures-0712

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.

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INFORMATION TECHNOLOGY CLUSTER

PATHWAY: NETWORK SYSTEMS

		1	2	3	4	5	6	7	8	9	10	Suggested Certification Options:
State Program Area: Home Technology Integrator Network Support (1,020 hours)	OCAS Codes: 9542 & 9543 SOC 49-2097 ; CIP 47.0103 (1,020 hours)	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 (60)	Residential & Commercial Wiring Systems (60)		Certipoint: CCST - Cybersecurity - 0114 CCST - Networking - 0115 Electronic Technicians Association: Residential Elec. System Integrator - RESI - 0247 Residential Elec. Systems Integrator (AV) - 0248
State Program Area: Cybersecurity Specialist (600 hours)	OCAS Codes: 9530 & 9564 SOC 15-1212 ; CIP 11.1003 (600 hours)	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)	Principles of Information Assurance OCAS Code - 8130 (60)	Cyber Forensics OCAS Code - 8134 (60)				Suggested Certification Options: TestOut: TestOut CyberDefense Pro - 0985 Pearson Vue: CompTIA Cloud Essentials+ - 1721
State Program Area: Cybersecurity Network Specialist Advanced (1,020 hours)	OCAS Codes: 9530 & 9564 SOC 15-1212 ; CIP 11.1003 (1,020 hours)	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)	Principles of Information Assurance OCAS Code - 8130 (60)	Network Security OCAS Code - 8131 (60)	Enterprise Security Management OCAS Code - 8132 (60)	Secure Electronic Commerce OCAS Code - 8133 (60)	Cyber Forensics OCAS Code - 8134 (60)	Certipoint: CCST - Cybersecurity - 0114 CCST - Networking - 0115 ITS: Computational Thinking - 1758
State Program Area: Networking (480 hours)	OCAS Code 9547 SOC 15-1231 ; CIP 11.0901 (480 hours)	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)	Cybersecurity Basics OCAS Code - 8256 (120)						Suggested Certification Options:
State Program Area: Networking Advanced (1,020 hours)	Network Security Professional OCAS Codes: 9547 & 9548 SOC 15-1212 ; CIP 11.1003 (1,020 hours)	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)		TestOut: TestOut Linux Pro - 1124 CyberDefense Pro - 0985
	Network Systems Engineer OCAS Codes: 9547 & 9548 SOC 15-1244 ; CIP 11.1003 (1,020 hours)	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)			Pearson Vue: CompTIA Cloud Essentials+ - 1721 CompTIA CySA+ - 0986
	Network Server Technician OCAS Codes: 9547 & 9548 SOC 15-1244 ; CIP 11.1001 (1,020 hours)	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 - 8223 (120)	Security Fundamentals OCAS Code - 8246 (120)			Coursera: Grow With Google - IT Support -0111 Certipoint: CCST - Cybersecurity - 0114 CCST - Networking - 0115 ITS: Computational Thinking - 1721
	Enterprise Network Professional OCAS Codes: 9547 & 9548 SOC 15-1244 ; CIP 11.1003 (1,020 hours)	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)	Network Security OCAS Code - 8131 (60)	Enterprise Security Management OCAS Code - 8132 (60)	
	Network Server Administrator OCAS Codes: 9547 & 9548 SOC 15-1244 ; CIP 11.1001 (1,020 hours)	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 - 8223 (120)	Server Operating Systems OCAS Code - 8122 (120)		

PATHWAY: INFORMATION SUPPORT & SERVICES

		1	2	3	4	5	6	7	8	9	10	Suggested Certification Options:
State Program Area: Computer/Network Support (480 hours)	OCAS Code: 9542 SOC 49-2011 ; CIP 47.0104 (480 hours)	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)	Network/Client Operating Systems OCAS Code - 8121 (120)						Pearson Exams: CompTIA Cloud Essentials+ - 1721 CompTIA Data+ - 4581 Certipoint: ITS: Data Analytics -4580
State Program Area: Computer/Network Support Advanced (960 hours)	OCAS Codes: 9542 & 9543 SOC 15-1231 ; CIP 11.0901 (960 hours)	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 OCAS Code - 8122 (120)			Certipoint: CCST - Cybersecurity - 0114 CCST - Networking - 0115 Pearson Vue: CompTIA Cloud Essentials+ - 1721 CompTIA Data+ - 4581 TestOut: TestOut Linux Pro - 1124

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PATHWAY: WEB & DIGITAL COMMUNICATIONS												Suggested Certification Options:
		1	2	3	4	5	6	7	8	9	10	
State Program Area: Animation Technology (480 hours)	Special Effects Technician OCAS Code: 9526 SOC 27-1014 ; CIP 10.0304 (480 hours)	Fundamentals of Technology OCAS Code - 8169 (120)	Multimedia & Image Management Techniques OCAS Code - 8150 (120)	Principles of Animation (120)	Fund. Of 3D Motion Graphics OCAS Code - 8207 (120)	Digital Media Production OCAS Code - 8191 (120)						Certiprot: Autodesk Maya Certified User - 2758 Autodesk 3ds Max Certified User - 2759 Cisco Certified Support Technician - Cybersecurity - 0114
State Program Area: Animation Technology Advanced (960 hours)	Motion Graphics Artist OCAS Codes: 9526 & 9527 SOC 27-1014 ; CIP 10.0304 (960 hours)	Fundamentals of Technology OCAS Code - 8169 (120)	Multimedia & Image Management Techniques OCAS Code - 8150 (120)	Principles of Animation (120)	2D Animation Techniques (120)	Fund. 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 - 8154 (120)	Digital Media Production OCAS Code - 8191 (120)	Advanced Effects for Motion Graphics (120)	Precision Exams: 3D Animation - 0607 Gaming Development Fund - 4615 Pearson Vue: CompTIA Cloud Essentials+ - 1721
State Program Area: Audio & Video Technology - IT (600 hours)	Video Production Assistant OCAS Code: 9554 SOC 27-4011 ; CIP 10.0201 (600 hours)	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)	Interactive Marketing Techniques (120)	Career Major Capstone					Precision Exams: Video Production I - 1752 Video Production II - 1753 Television Broadcasting II - 1755
State Program Area: Audio & Video Technology - IT Advanced (840 hours)	Audio Technician OCAS Codes: 9554 & 9555 SOC 27-4011 ; CIP 10.0203 (840 hours)	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 (120)	Audio Tools & Techniques (120)				Certiprot: Cisco Certified Support Technician - Cybersecurity - 0114
	Video Technician OCAS Codes: 9554 & 9555 SOC 27-4032 ; CIP 10.0299 (840 hours)	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)			Pearson Vue: Certified Technology Specialist-Install. - 1733 Certified Technology Specialist-Design - 1734
State Program Area: Digital Design & Publishing (480 hours)	Desktop Publisher/Graphic Designer OCAS Code: 9537 SOC 27-1024 ; CIP 50.0409 (480 hours)	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)		Career Major Capstone					Suggested Certification Options: Isograd: TOSA InDesign Certification - 0130 TOSA Photoshop Certification - 0132
State Program Area: Digital Design & Publishing Advanced (960 hours)	Graphic Design Specialist OCAS Codes: 9537 & 9538 SOC 27-1024 ; CIP 50.0409 (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)	Digital Editing & Production Photography OCAS Code - 8151 (120)	Design Tools & Electronic Marketing Strategies OCAS Code - 8154 (120)	Advanced Design Techniques OCAS Code - 8155 (120)	Layout Design Techniques (120)	Fund. Of Web Design OCAS Code - 8153 (120)			Precision Exams: Commercial Photography Advanced - 4128 ODCTE: Graphic Designer - 4112 Production Assistant - 0603
State Program Area: Game Design/ Development Advanced (900 hours)	Video Game Designer OCAS Codes: 9552 & 9553 SOC 27-1014 ; CIP 50.0411 (900 hours)	Fundamentals of Technology OCAS Code - 8169 (120)	Multimedia & Image Management Techniques OCAS Code - 8150 (120)	Design Tools & Electronic Marketing Strategies OCAS Code - 8154 (120)	Fundamentals 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)	Advanced Design Techniques OCAS Code - 8155 (120)		Suggested Certification Options:
State Program Area: Multimedia Technology (480 hours)	Interactive Media Specialist OCAS Code: 9540 SOC 27-1014 ; CIP 10.0304 (480 hours)	Fundamentals of Technology OCAS Code - 8169 (120)	Multimedia & Image Management Techniques OCAS Code - 8150 (120)	Fund. Of Web Design OCAS Code - 8153 (120)	Digital Media Production OCAS Code - 8191 (120)	Layout Design Techniques (120)						Certiprot: Unity Certified Artist - 0190
State Program Area: Multimedia Technology Advanced (960 hours)	Multimedia Assistant OCAS Codes: 9540 & 9541 SOC 27-1014 ; CIP 11.0801 (960 hours)	Fundamentals of Technology OCAS Code - 8169 (120)	Multimedia & Image Management Techniques OCAS Code - 8150 (120)	Fund. Of Web Design OCAS Code - 8153 (120)	Design Tools & Electronic Marketing Strategies OCAS Code - 8154 (120)	Digital Media Production OCAS Code - 8191 (120)	Digital Editing & Production Photography OCAS Code - 8151 (120)	Broadcast Production (120)	Interactive Marketing Techniques (120)			ODCTE: Motion Graphic Artist - 0602 Production Assistant - 0603 Editor - 0601
	Multimedia Specialist OCAS Codes: 9540 & 9541 SOC 27-1014 ; CIP 10.0304 (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 Editing & Production Photography OCAS Code - 8151 (120)	Advanced Digital Video Tools & Techniques (120)	Non-Linear Digital Production (120)	Interactive Marketing Techniques (120)	Design Tools & Electronic Marketing Strategies OCAS Code - 8154 (120)		Precision Exams: Digital Media 1A - 4160 Digital Media 1B - 4161

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PATHWAY: WEB & DIGITAL COMMUNICATIONS (continued)

		1	2	3	4	5	6	7	8	9	Suggested Certification Options:
State Program Area: Web Design & Development - IT (480 hours)	E-Business Specialist OCAS Code: 9557 SOC 27-1014 ; CIP 11.0801 (480 hours)	Fundamentals of Technology OCAS Code - 8169 (120)	Fund. Of Web Design OCAS Code - 8153 (120)	Design Tools & Electronic Marketing Strategies OCAS Code - 8154 (120)	Web Scripting Foundations OCAS Code - 8157 (120)						Pearson Vue: CIW Database Design Specialist - 0242 ODCTE: Production Artist - 4114 Graphic Designer - 4112
	Web Designer OCAS Code: 9557 SOC 15-1255 ; CIP 11.0801 (480 hours)	Fundamentals of Technology OCAS Code - 8169 (120)	Fund. Of Web Design OCAS Code - 8153 (120)	Multimedia & Image Management Techniques OCAS Code - 8150 (120)	Digital Media Production OCAS Code - 8191 (120)						Isograd: TOSA AutoDesk AutoCAD - 0123 TOSA HTML - 0121 TOSA Python Certification - 0126 TOSA JavaScript - 0122
State Program Area: Web Design & Development - IT Advanced (960 hours)	Web Applications Developer OCAS Codes: 9557 & 9558 SOC 15-1254 ; CIP 11.1004 (960 hours)	Fundamentals of Technology OCAS Code - 8169 (120)	Fund. Of Web Design OCAS Code - 8153 (120)	Web Scripting Foundations OCAS Code - 8157 (120)	Web Development Fundamentals (120)	C# Programming OCAS Code - 8166 (120)	SQL & PL/SQL Database Applications Development OCAS Code - 8141 (120)	Network/Client Operating Systems OCAS Code - 8121 (120)	Advanced Design Techniques OCAS Code - 8155 (120)	Web Authoring Languages (120)	Pearson Vue: CompTIA Data+ - 4581 Coursera: Grow With Google - UX Design - 0113
	Back End Developer OCAS Codes: 9557 & 9558 SOC 15-1254 ; CIP 11.0801 (960 hours)	Fundamentals of Technology OCAS Code - 8169 (120)	Fund. Of Web Design OCAS Code - 8153 (120)	Web Scripting Foundations OCAS Code - 8157 (120)	Web Development Fundamentals (120)	Web Authoring Languages (120)	Web Authoring Tools (120)	Server-Side Scripting (120)	Layout Design Techniques (120)	Interactive Marketing Techniques (120)	Certipoint: ITS Data Analytics - 4580

PATHWAY: PROGRAMMING & SOFTWARE DEVELOPMENT

		1	2	3	4	5	6	7	8	9	10	Suggested Certification Options:
State Program Area: Programming (480 hours)	App Program Developer OCAS Code: 9550 SOC 15-1251 ; CIP 11.0201 (480 hours)	Fundamentals of Technology OCAS Code - 8169 (120)	C# Programming OCAS Code - 8166 (120)	Advanced Scripting Languages OCAS Code - 8162 (120)	Mobile Development Fundamentals (120)	Beginning Android Development (120)						Certipoint: App Development with Swift Associate - 0296 ITS: Artificial Intelligence - 1717 Pearson Vue: Programming in C# - 0221 ODCTE: Motion Graphic Artist - 0602
	Programming Technician OCAS Code: 9550 SOC 15-1231 ; CIP 11.0201 (480 hours)	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)	JAVA Programming OCAS Code - 8230 (120)	Python Programming OCAS Code - 8871 (120)	Advanced Programming OCAS Code - 8160 (120)				Oracle: JavaSE Programmer Associate - 1505 TestNow: PCEP - Certified Entry-Level Python Programmer - 1511
State Program Area: Programming Advanced (960 hours)	Enterprise Developer OCAS Codes: 9550 & 9551 SOC 15-1254 ; CIP 11.0201 (960 hours)	Fundamentals of Technology OCAS Code - 8169 (120)	Introduction to Programming OCAS Code - 8225 (120 hours)	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# Programming OCAS Code - 8166 (120)	C++ Programming OCAS Code - 8165 (120)	JAVA Programming OCAS Code - 8230 (120)	Python Programming OCAS Code - 8871 (120)	Certipoint: ITS: Software Development - 1726 ITS: Python - 0272 ITS: Database - 0243 Precision Exams: Computer Programming Advanced - 0278
	Game Programmer OCAS Codes: 9550 & 9551 SOC 15-1251 ; CIP 11.0201 (960 hours)	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# Programming OCAS Code - 8166 (120)	Advanced Programming OCAS Code - 8160 (120)	Cross Platform Game Programming (120)	Systems Analysis, Design & Testing OCAS Code - 8161 (120)		Coursera: Grow w/Google IT Automation Python - 0110 TestNow: Certified Entry Level Python - 1511
	Computer Programmer (Multiple Languages) OCAS Codes: 9550 & 9551 SOC 15-1251 ; CIP 11.0201 (960 hours)	Fundamentals of Technology OCAS Code - 8169 (120)	Introduction to Programming OCAS Code - 8225 (120 hours)	JAVA Programming OCAS Code - 8230 (120)	Scripting Language Fundamentals OCAS Code - 8159 (120)	Advanced Programming OCAS Code - 8160 (120)	C# Programming OCAS Code - 8166 (120)	C++ Programming OCAS Code - 8165 (120)	Advanced Scripting Languages OCAS Code - 8162 (120)	Systems Analysis, Design & Testing OCAS Code - 8161 (120)	Software Configuration Management OCAS Code - 8163 (120)	Precision Exams: Computer Programming Advanced - 0278 Certipoint: Unity Certified User Programmer - 0206 ITS: Java - 0690
State Program Area: Computer Science Prep (1,020 hours)	Computer Science Engineering Prep OCAS Codes: 9550 & 9551 SOC 15-1231 ; CIP 11.0701 (1,020 hours)	Fundamentals of Technology OCAS Code - 8169 (120)	Computer Science Discoveries OCAS Code - 8867 (120)	Computer Science Essentials OCAS Code - 8852 (120)	Computer Science Principles OCAS Code - 8860 (120)	AP Computer Science A OCAS Code - 2535 (120)	AP Computer Science Principles OCAS Code - 2536 (120)	Career Major Capstone (120)				Precision Exams: Engineering Principles I - 4598 Engineering Principles II - 4599

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.

** All academic courses (Oklahoma Promise) are highlighted in bold **

2024-25 BMITE Sequence of Courses
Oklahoma CareerTech Statewide Instructional Framework

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 (405) 743-5419

MARKETING CLUSTER

PATHWAY: MARKETING MANAGEMENT

		1	2	3	4	5	6	7	8	9	10	Suggested Certification Options:
State Program Area: Entrepreneurship MK (480 hours)	Marketing Entrepreneur OCAS Code: 9795 SOC 11-1021 ; CIP 52.0701 (480 hours)	Marketing Fundamentals (120)	Digital Marketing (120)	Entrepreneurship (120)	Business & Marketing Communications (60)	Customer Service (60)						Precision Exams: Entrepreneurship-0915 University of Iowa: Exploring Entrepreneurship-0913
State Program Area: Entrepreneurship MK - Advanced (960 hours)	Marketing Entrepreneur Specialist OCAS Codes: 9795 & 9802 SOC 11-1021 ; CIP 52.0701 (960 hours)	Marketing Fundamentals (120)	Digital Marketing (120)	Entrepreneurship (120)	Customer Service (60)	Ethical Leadership (60)	Accounting I (120)	Fundamentals of Administrative Tech. OCAS Code - 8103 (120)	Desktop Publishing and Graphic Design OCAS code - 8149 (120)	Computerized Accounting OCAS Code - 8109 (120)		Certiport: Entrepreneurship and Small Business-0912 Google: Digital Marketing & E-Commerce-0109
	Small Business Entrepreneur OCAS Codes: 9795 & 9802 SOC 11-1021 ; CIP 52.0701 (960 hours)	Marketing Fundamentals (120)	Digital Marketing (120)	Entrepreneurship (120)	Business & Marketing Communications (60)	Business Management and Supervision (120)	Advertising Strategies (120)	E-Commerce Marketing (120)	Accounting I (120)	Advanced Entrepreneurship (120)		Precision Exams: Entrep.-0915 TestOut: TestOut Office Pro-0149 Certiport: Entrep. and Small Business-0912 Google: Digital Marketing & E-Commerce-0109
State Program Area: Management (720 hours)	Retail Manager OCAS Codes: 9789 & 9809 SOC 11-1021 ; CIP 52.0212 (720 hours)	Marketing Fundamentals (120)	Digital Marketing (120)	Business & Marketing Communications (60)	Business Management and Supervision (120)	Advertising Strategies (120)	Customer Service (60)	Product & Service Sales (120)	Buying and Merchandising (60)			Precision Exams: Business Management-0163 TestOut: TestOut Office Pro-0149 Certiport: Communication Skills for Bus.-0188 Google: Digital Marketing & E-Commerce-0109
State Program Area: Management Advanced (960 hours)	Customer Experience Manager OCAS Codes: 9789 & 9809 SOC 13-1161 ; CIP 52.1401 (960 hours)	Marketing Fundamentals (120)	Digital Marketing (120)	Business Management and Supervision (120)	Marketing Research (120)	E-Commerce Marketing (120)	Public Relations Marketing (120)	Interactive Marketing Techniques (120)	Awareness of GPS/GIS (120)			Stukent: Social Media Marketing Cert.-0508 Digital Marketing Cert.-0509

PATHWAY: MARKETING COMMUNICATIONS

		1	2	3	4	5	6	7	8	9	10	Suggested Certification Options:
State Program Area: Marketing Communications (480 hours)	Marketing Assistant OCAS Code: 9783 SOC 27-3099 ; CIP 09.0702 (480 hours)	Marketing Fundamentals (120)	Digital Marketing (120)	Business & Marketing Communications (60)	Customer Service (60)	Sales and Sales Promotion (60)	Product & Service Sales (120)					MBA Research & Curriculum: A*S*K Fundamentals of Ethics-0953 Precision Exams: Marketing I-0558 Business Concepts-0576 Certiport: Communication Skills for Business-0188
State Program Area: Marketing Communications Advanced (840 hours)	Sports Marketing Associate OCAS Codes: 9783 & 9784 SOC 27-3031 ; CIP 09.0906 (840 hours)	Marketing Fundamentals (120)	Digital Marketing (120)	Sports and Entertainment Marketing (120)	Business & Marketing Communications (60)	Customer Service (60)	Advertising Strategies (120)	Public Relations Marketing (120)	Product & Service Sales (120)			Precision Exams: Sports and Entertainment Marketing-0105 Digital Media II-4162 Business Concepts-0576 Digital Business Applications-0563 International Business & Marketing-0550
	Digital Marketing Specialist OCAS Codes: 9783 & 9784 SOC 27-3099 ; CIP 09.0702 (840 hours)	Marketing Fundamentals (120)	Digital Marketing (120)	Business & Marketing Communications (60)	International Business and Marketing (120)	Marketing Research (120)	Customer Service (60)	Advertising Strategies (120)	Public Relations Marketing (120)			Precision Exams: Digital Media II-4162 Business Concepts-0576 Digital Business Applications-0563 International Business & Marketing-0550
	Marketing / PR Specialist OCAS Codes: 9783 & 9784 SOC 27-3031 ; CIP 09.0902 (840 hours)	Marketing Fundamentals (120)	Digital Marketing (120)	Business & Marketing Communications (60)	Business Management and Supervision (120)	International Business and Marketing (120)	Marketing Research (120)	Customer Service (60)	Product & Service Sales (120)	Public Relations Marketing (120)	Employment Essentials (60)	Precision Exams: Business Management-0163 Business Concepts-0576 Certiport: Communication Skills for Business-0188 MBA Research & Curriculum: A*S*K Concepts of Entrep. & Management-0169

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