



OKLAHOMA CITY

Certificates

COMPUTER SUPPORT TECHNICIAN CERTIFICATE**Degree Sheet**

2023-2024 Catalog

Technical Occupational Specialty 24 Credit Hours			Credit Hours	Prerequisites
CIS	1503	Microcomputer Applications - MS Office	3	[R]
CIS	2513	Principles of Information Systems Security	3	[R]
ITD	1103	Information Technology Fundamentals	3	[R]
ITD	1523	Support and Troubleshooting Personal Computers	3	ITD 1103
ITD	1533	LAN Fundamentals	3	[R]
ITD	2193	Technical Support Communications	3	[R] [W]
ITD	2213	Networking I	3	ITD 1533
ITD	2623	Advanced LAN Fundamentals	3	ITD 1533

Total to Graduate 24

ADDITIONAL GRADUATION REQUIREMENTS:

- 2.0 Graduation/Retention GPA
- 6 credit hours earned in residence at OSU-OKC
- Students must complete the prerequisite course with a grade of 'C' or better to advance to the next course in the required sequence

NOTES LEGEND:

- FA= Fall, SP=Spring, SU=Summer
 [R] Reading Proficiency/Placement
 [W] Writing Proficiency/Placement
 [M] Math Proficiency/Placement

CRIME VICTIM / SURVIVOR SERVICES CERTIFICATE**Degree Sheet**

2023-2024 Catalog

Technical Occupational Specialty			15 Credit Hours	Credit Hours	Prerequisites
CVSS	1103	Victimology		3	[R] [W]
CVSS	1113	Victim Services		3	[R] [W] Pre/Coreq: CVSS 1103
CVSS	2113	Abuse and Exploitation of Children		3	[R] [W]
CVSS	2123	Rape and Sexual Assault		3	CVSS 1103, 1113
CVSS	2233	Domestic and Family Violence		3	CVSS 1103, 1113

General Education Courses			6 Credit Hours	Credit Hours	Prerequisites
ENGL	1113	English Composition I		3	[R] [W]
POLS	1113	American Government		3	[R] [W]

Total to Graduate 21*The courses in this certificate program are embedded within the Crime Victim/Survivor Services A.A.S. degree***ADDITIONAL GRADUATION REQUIREMENTS:**

- 2.0 Graduation/Retention GPA
- 8 credit hours earned in residence at OSU-OKC
- Students must complete the prerequisite course with a grade of 'C' or better to advance to the next course in the required sequence
- Minimum grade of "C" or better in all CVSS courses required

NOTES LEGEND:

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 [R] Reading Proficiency/Placement
 [M] Math Proficiency/Placement
 [W] Writing Proficiency/Placement

EARLY CARE EDUCATION ADMINISTRATION CERTIFICATE**Child Care Concentration****Degree Sheet**

2023-2024 Catalog

Technical Occupational Specialty			25 Credit Hours	Credit Hours	Prerequisites
ECCD	1101	The Early Care Professional		1	None
ECCD	1103	Introduction to Child Care Management		3	None
ECCD	1113	Personnel Supervision		3	None
ECCD	1123	Foundations of Early Childhood Education and Care		3	None
ECCD	1133	Child Health, Safety and Nutrition		3	None
ECCD	2013	Play, DAP & Curriculum Development		3	Pre/Coreq: ECCD 1101
ECCD	2113	Child Development		3	None
ECCD	2233	Child Guidance, Behavior and Classroom Mgmt		3	None
ECCD	2323	Budget Development & Risk Management		3	Pre/Coreq: ECCD 1101, 1113

General Education Course			3 Credit Hours		
ENGL	1113	English Composition I		3	[R] [W]

Total to Graduate 28

The courses in this certificate program are embedded within the Early Care Education A.A.S. degree.

ADDITIONAL GRADUATION REQUIREMENTS:

- 2.0 Graduation/Retention GPA
- 7 credit hours earned in residence at OSU-OKC
- Minimum grade of "C" or better in all ECCD courses required.
- Students must complete the prerequisite course with a grade of 'C' or better to advance to the next course in the required sequence

NOTES LEGEND:

- FA= Fall, SP=Spring, SU=Summer
 [R] Reading Proficiency/Placement
 [W] Writing Proficiency/Placement
 [M] Math Proficiency/Placement

EARLY CARE EDUCATION CERTIFICATE**Child Development Concentration****Degree Sheet**

2023-2024 Catalog

Technical Occupational Specialty				16 Credit Hours	Credit Hours	Prerequisites
ECCD	1101	The Early Care Professional		1	None	
ECCD	1123	Foundations of Early Childhood Education and Care		3	None	
ECCD	1133	Child Health, Safety, and Nutrition		3	None	
ECCD	2013	Play, DAP & Curriculum Development		3	Pre/Coreq: ECCD 1101	
ECCD	2113	Child Development		3	None	
ECCD	2233	Child Guidance, Behavior and Management		3	None	

General Education Courses				3 Credit Hours		
ENGL	1113	English Composition I		3	[R] [W]	

Total to Graduate 19

The courses in this certificate program are embedded within the Early Care Education - Administration & Early Care Education - Master Teacher A.A.S. degrees

ADDITIONAL GRADUATION REQUIREMENTS:

- 2.0 Graduation/Retention GPA
- 6 credit hours earned in residence at OSU-OKC
- Students must complete the prerequisite course with a grade of 'C' or better to advance to the next course in the required sequence
- Minimum grade of "C" or better in all ECCD courses required for this degree

NOTES LEGEND:

FA= Fall, SP=Spring, SU=Summer
 [R] Reading Proficiency/Placement
 [W] Writing Proficiency/Placement
 [M] Math Proficiency/Placement

EARLY CARE EDUCATION CERTIFICATE**Infant / Toddler Concentration****Degree Sheet**

2023-2024 Catalog

Technical Occupational Specialty**16 Credit Hours****Credit
Hours****Prerequisites**

	ECCD	1101	The Early Care Professional	1	None
	ECCD	2133	Infant/Toddler Programming	3	None
	ECCD	2143	Language Development and Emerging Literacy	3	None
	ECCD	2153	Social & Emotional Development in Infants/Toddlers	3	None
	ECCD	2163	Physical Development and Creative Expressions	3	None
	ECCD	2233	Child Guidance, Behavior and Classroom Mgmt	3	None

General Education Course**3 Credit Hours**

	ENGL	1113	English Composition I	3	[R] [W]
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Total to Graduate**19****ADDITIONAL GRADUATION REQUIREMENTS:**

- 2.0 Graduation/Retention GPA
- 6 credit hours earned in residence at OSU-OKC
- Students must complete the prerequisite course with a grade of 'C' or better to advance to the next course in the required sequence

- Minimum grade of "C" or better in all ECCD courses required for this degree

NOTES LEGEND:

FA= Fall, SP=Spring, SU=Summer

[R] Reading Proficiency/Placement

[W] Writing Proficiency/Placement

[M] Math Proficiency/Placement

EMERGENCY MEDICAL TECHNICIAN CERTIFICATE

Degree Sheet

2023-2024 Catalog

Technical Occupational Specialty			11 Credit Hours	Credit Hours	Prerequisites
EMSP	1143	EMS Operations		3	None
EMSP	1148	Emergency Medical Technician		8	Advisor Approval

Total to Graduate 11

The courses in this certificate program are embedded within the Fire Protection A.A.S. & Paramedicine A.A.S. degrees

This program has not been approved by the Dept. of Education to be eligible for federal student aid

ADDITIONAL GRADUATION REQUIREMENTS:

- 2.0 Graduation/Retention GPA
- 3 credit hours earned in residence at OSU-OKC
- Students must complete the prerequisite course with a grade of 'C' or better to advance to the next course in the required sequence
- To graduate with this certificate, students must successfully pass the National Certification exam.

NOTES LEGEND:

FA= Fall, SP=Spring, SU=Summer
 [R] Reading Proficiency/Placement
 [W] Writing Proficiency/Placement
 [M] Math Proficiency/Placement

FIREFIGHTER CERTIFICATE**Degree Sheet**

2023-2024 Catalog

Technical Occupational Specialty

21 Credit Hours

Credit
Hours

Prerequisites

	EMSP	1143	EMS Operations	3	None
	EMSP	1148	Emergency Medical Technician	8	Advisor Approval
	FIRE	1712	Physical Fitness for Firefighters	2	None
	FIRE	1725	Firefighter I	5	None
	FIRE	1733	Firefighter II & Hazardous Materials	3	FIRE 1725

Total to Graduate**21**

The courses in this certificate program are embedded within the Fire Protection A.A.S. degree

This program has not been approved by the Dept. of Education to be eligible for federal student aid

ADDITIONAL GRADUATION REQUIREMENTS:

- 2.0 Graduation/Retention GPA
- 6 credit hours earned in residence at OSU-OKC
- To graduate with this certificate, students must successfully
- Students must complete the prerequisite course with a grade of 'C' or better to advance to the next course in the required sequence

NOTES LEGEND:

FA= Fall, SP=Spring, SU=Summer
 [R] Reading Proficiency/Placement
 pass the National Certification exam
 [W] Writing Proficiency/Placement
 [M] Math Proficiency/Placement

HORTICULTURE CERTIFICATE

Degree Sheet

2023-2024 Catalog

Technical Occupational Specialty			21 Credit Hours	Credit Hours	Prerequisites
HRT	1014	Principles of Horticulture		4	[R]
HRT	1202	Horticulture Calculations		2	HRT 1014
HRT	2023	Horticultural Soil Science		3	[R]
HRT	2263	Horticultural Pest Management		3	HRT 1014
Select 3 credit hours from the following plant identification courses: HRT 2313, HRT 2413, HRT 2453 or HRT 2463					
HRT				3	Varies
Select an additional 6 credit hours of any Horticulture courses					
HRT				3	Varies
HRT				3	Varies

Total to Graduate 21

ADDITIONAL GRADUATION REQUIREMENTS:

- 2.0 Graduation/Retention GPA
- 6 credit hours earned in residence at OSU-OKC
- Students must complete the prerequisite course with a grade of 'C' or better to advance to the next course in the required sequence

NOTES LEGEND:

- FA= Fall, SP=Spring, SU=Summer
- [R] Reading Proficiency/Placement
- [W] Writing Proficiency/Placement
- [M] Math Proficiency/Placement

ADVANCED LABORATORY PRACTICES**Embedded Certificate****Degree Sheet**

2023-2024 Catalog

General Education Courses			13 Credit Hours	Credit Hours	Prerequisites
ENGL	1113	English Composition I		3	[R] [W]
Select One:				3	
ENGL	1213	English Composition II			ENGL 1113
ENGL	2333	Introduction to Technical Report Writing			ENGL 1113
SPCH	1113	Introduction to Speech Communications			[R] [W]
Select One:				3	[M]
MATH	1483	Mathematical Functions and Their Uses			
MATH	1513	Precalculus I			
BIOL	1303	Principles of Biology		3	[R] ICSM 0113
BIOL	1311	Principles of Biology Lab		1	[R] ICSM 0113
Support and Related Courses			9 Credit Hours		
CHEM	1154	General, Organic and Biochemistry		4	[R] [M]
CHEM	1315	General Chemistry I		5	[R] [M]
Technical Occupational Specialty			14 Credit Hours		
BMFT	1002	Aseptic Techniques		2	[R] [W] [M]
BMFT	2203	Bioreactors and Cell Culture		3	BIOL 1303, 1311, BMFT 1002
BMFT	2232	Cell Harvesting		2	BIOL 1303, 1311
BMFT	2254	Downstream Laboratory Operations		4	BIOL 1303, 1311
BMFT	2273	Chromatography		3	CHEM 1315
Total to Graduate				36	

The courses in this certificate program are included within the Biomanufacturing Technologies A.A.S. degree

ADDITIONAL GRADUATION REQUIREMENTS:

- 2.0 Graduation/Retention GPA
- 9 credit hours earned in residence at OSU-OKC
- Students must complete the prerequisite course with a grade of 'C' or better to advance to the next course in the required sequence

NOTES LEGEND:

FA= Fall, SP=Spring, SU=Summer
 [R] Reading Proficiency/Placement
 [W] Writing Proficiency/Placement
 [M] Math Proficiency/Placement

LABORATORY PRACTICES**Embedded Certificate****Degree Sheet**

2023-2024 Catalog

General Education Courses			10 Credit Hours	Credit Hours	Prerequisites
	ENGL	1113	English Composition I	3	[R] [W]
	Select One:			3	[M]
	MATH	1483	Mathematical Functions and Their Uses		
	MATH	1513	Precalculus I		
	BIOL	1303	Principles of Biology	3	[R] ICSM 0113
	BIOL	1311	Principles of Biology Lab	1	[R] ICSM 0113
Support and Related Courses			4 Credit Hours		
	CHEM	1154	General, Organic and Biochemistry	4	[R] [M]
Technical Occupational Specialty			11 Credit Hours		
	BMFT	1002	Aseptic Techniques	2	[R] [W] [M]
	BMFT	1102	Basic Laboratory Operations	2	MATH 1483 or 1513, CHEM 1154
	BMFT	1113	Introduction to Laboratory Management	3	[R] [W]
	BMFT	1134	Introduction to Laboratory Equipment	4	CHEM 1154

Total to Graduate 25

The courses in this certificate program are included within the Biomanufacturing Technologies A.A.S. degree

ADDITIONAL GRADUATION REQUIREMENTS:

- 2.0 Graduation/Retention GPA
- 7 credit hours earned in residence at OSU-OKC
- Students must complete the prerequisite course with a grade of 'C' or better to advance to the next course in the required sequence

NOTES LEGEND:

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 [R] Reading Proficiency/Placement
 [W] Writing Proficiency/Placement
 [M] Math Proficiency/Placement

LABORATORY QUALITY**Embedded Certificate****Degree Sheet**

2023-2024 Catalog

General Education Courses			9 Credit Hours	Credit Hours	Prerequisites
	Select One:			3	[M]
MATH	1483	Mathematical Functions and Their Uses			
MATH	1513	Precalculus I			
	Select One:			3	[R] [W]
HIST	1483	U.S. History to 1865			
HIST	1493	U.S. History since 1865			
POLS	1113	American Government		3	[R] [W]
Support and Related Courses			4 Credit Hours		
CHEM	1154	General, Organic and Biochemistry		4	[R] [M]
Technical Occupational Specialty			19 Credit Hours		
BMFT	1102	Basic Laboratory Operations		2	[R] [W]
BMFT	1113	Introduction to Laboratory Management		3	BIOL 1303, 1311, BMFT 1002
BMFT	2254	Downstream Laboratory Operations		4	BIOL 1303, 1311
BMFT	2302	Current Practices in Biomanufacturing		2	
BMFT	2332	Regulatory Compliance in Biomanufacturing		2	
BMFT	2353	Advanced Laboratory Management		3	
BMFT	2373	Industry Practicum		3	Department Head Approval

Total to Graduate 32

The courses in this certificate program are included within the Biomanufacturing Technologies A.A.S. degree

ADDITIONAL GRADUATION REQUIREMENTS:

- 2.0 Graduation/Retention GPA
- 9 credit hours earned in residence at OSU-OKC
- Students must complete the prerequisite course with a grade of 'C' or better to advance to the next course in the required sequence

NOTES LEGEND:

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 [R] Reading Proficiency/Placement
 [W] Writing Proficiency/Placement
 [M] Math Proficiency/Placement

POLICE SCIENCE CRIME SCENE INVESTIGATION CERTIFICATE**Degree Sheet**

2023-2024 Catalog

General Education Courses			7 Credit Hours	Credit Hours	Prerequisites
ENGL	1113	English Composition I		3	[R] [W]
Select One:				4	[R] ICSM 0113
CHEM	1104	Basic Chemistry			
BIOL	2214	Human Anatomy			
Technical Occupational Specialty			24 Credit Hours		
PLSC	1103	Introduction to Forensic Science		3	None
PLSC	1123	Intro to Law Enforcement & Police Procedures		3	None
PLSC	1223	Penal Code and Related Criminal Laws		3	None
PLSC	1433	Crime Scene Photography		3	PLSC 1103
PLSC	2213	Principles of Investigation and Interview		3	PLSC 1223
PLSC	2222	Police Records and Reports		2	PLSC 1223
PLSC	2413	Technical Investigations I		3	PLSC 2213
PLSC	2434	Fingerprint Identification		4	PLSC 1103
Total to Graduate				31	

The courses in this certificate program are embedded within the Police Science-Crime Scene Investigation A.A.S. degree

ADDITIONAL GRADUATION REQUIREMENTS:

- 2.0 Graduation/Retention GPA
- 9 credit hours earned in residence at OSU-OKC
- Students must complete the prerequisite course with a grade of 'C' or better to advance to the next course in the required sequence

NOTES LEGEND:

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 [W] Writing Proficiency/Placement
 [M] Math Proficiency/Placement

POWER TRANSMISSION & DISTRIBUTION TECHNOLOGY**Embedded Certificate****Degree Sheet**

2023-2024 Catalog

General Education Courses**3 Credit Hours***Select any 3 credit hour College Level Math course*

Credit Hours	Prerequisites
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MATH			3	Varies
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Support and Related Courses**3 Credit Hours**

GENT	1313	Introduction to Occupational Safety	3	None
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Technical Occupational Specialty**28 Credit Hours**

PTDT	1102	Elements of Electricity and Electronics	2	None
PTDT	1103	Plan Reading for PTDT	3	None
PTDT	1104	Introduction to Utility Industry/Climbing	4	None
PTDT	1154	Electric Circuits-High Voltage	4	Pre/Coreq: PTDT 1104
PTDT	1353	Lineman Safety/Equipment	3	Pre/Coreq: PTDT 1104
PTDT	1453	Principles of Power Transmissions	3	PTDT 1104
PTDT	2003	Principles of Power Distribution	3	Pre/Coreq: PTDT 1154
PTDT	2013	Driver Safety and CDL Training	3	Department Head Approval
PTDT	2023	Principles of Switching and Metering	3	Pre/Coreq: PTDT 2003

Total to Graduate**34**

The courses in this certificate program are included within the Power Transmission and Distribution Technology A.A.S. degree

ADDITIONAL GRADUATION REQUIREMENTS:

- 2.0 Graduation/Retention GPA
- 8 credit hours earned in residence at OSU-OKC
- Students must complete the prerequisite course with a grade of 'C' or better to advance to the next course in the required sequence

NOTES LEGEND:

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 [W] Writing Proficiency/Placement
 [M] Math Proficiency/Placement

PROGRAMMING CERTIFICATE**Degree Sheet**

2023-2024 Catalog

Technical Occupational Specialty			15 Credit Hours	Credit Hours	Prerequisites
CIS	1123	Programming Fundamentals		3	[R]
CIS	1503	Microcomputer Applications		3	[R]
CIS	2363	Database Design		3	CIS 1113 or CIS 1503
CIS	2023	C# (Sharp) Programming		3	CIS 1123
CIS	2433	Advanced C# Programming		3	CIS 2023

Total to Graduate 15

This program has not been approved by the Dept. of Education to be eligible for federal student aid

ADDITIONAL GRADUATION REQUIREMENTS:

- 2.0 Graduation/Retention GPA
- 6 credit hours earned in residence at OSU-OKC
- Students must complete the prerequisite course with a grade of 'C' or better to advance to the next course in the required sequence

NOTES LEGEND:

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 [R] Reading Proficiency/Placement
 [W] Writing Proficiency/Placement
 [M] Math Proficiency/Placement

PUBLIC SERVICE

Embedded Certificate

Degree Sheet

2023-2024 Catalog

Technical Occupational Specialty			18 Credit Hours	Credit Hours	Prerequisites
PSER	1113	Introduction to Public Personnel Administration	3	[R] [W]	FA/SP Only
PSER	2023	Public Law	3	[R] [W]	FA Only
PSER	2213	Introduction to Public Service Organizations	3	[R] [W]	FA Only
PSER	2223	Leadership and Group Dynamics	3	[R] [W]	SP Only
PSER	2333	Introduction to Public/Nonprofit Finance and Budget	3	[R] [W]	
PSER	2450	Technical Problems in Public Service (1-3 hours)	3	[R] [W]	FA/SP Only

Total to Graduate 18

The courses in this certificate program are embedded within the Public Service A.S. degree

This program has not been approved by the Dept. of Education to be eligible for federal student aid

ADDITIONAL GRADUATION REQUIREMENTS:

- 2.0 Graduation/Retention GPA
- 8 credit hours earned in residence at OSU-OKC
- Students must complete the prerequisite course with a grade of 'C' or better to advance to the next course in the required sequence

NOTES LEGEND:

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 [R] Reading Proficiency/Placement
 [W] Writing Proficiency/Placement
 [M] Math Proficiency/Placement

RETAIL FLORAL DESIGN CERTIFICATE**Degree Sheet**

2023-2024 Catalog

Technical Occupational Specialty			5 Credit Hours	Credit Hours	Prerequisites
HRT	1151	Introduction to Floral Design		1	None
HRT	2153	Advanced Floral Design		3	Pre/Coreq: HRT 1151
HRT	2251	Styles and Trends in Floral Design		1	Pre/Coreq: HRT 2153
Total to Graduate				5	

This program has not been approved by the Dept. of Education to be eligible for federal student aid

ADDITIONAL GRADUATION REQUIREMENTS:

- 2.0 Graduation/Retention GPA
- 2 credit hours earned in residence at OSU-OKC
- Students must complete the prerequisite course with a grade of 'C' or better to advance to the next course in the required sequence

NOTES LEGEND:

FA= Fall, SP=Spring, SU=Summer
 [R] Reading Proficiency/Placement
 [W] Writing Proficiency/Placement
 [M] Math Proficiency/Placement

EMBEDDED CERTIFICATE IN SPANISH

Degree Sheet

2023-2024 Catalog

Technical Occupational Specialty			18 Credit Hours	Credit Hours	Prerequisites
SPAN	1113	Spanish I		3	[R] [W]
SPAN	1223	Spanish II		3	SPAN 1113
SPAN	2113	Intermediate Spanish I		3	SPAN 1223
SPAN	2133	Intermediate Spanish II		3	SPAN 2113
SPAN	2143	Advanced Spanish Grammar and Composition		3	SPAN 2113
<i>Select 3 credit hours of any approved SPAN or TSTI course</i>					
				3	Varies

Total to Graduate 18

The courses in this certificate program are embedded within the Technical Spanish/Translation & Interpretation A.A.S. degree

This program has not been approved by the Dept. of Education to be eligible for federal student aid

ADDITIONAL GRADUATION REQUIREMENTS:

- 2.0 Graduation/Retention GPA
- 8 credit hours earned in residence at OSU-OKC
- Students must complete the prerequisite course with a grade of 'C' or better to advance to the next course in the required sequence

NOTES LEGEND:

FA= Fall, SP=Spring, SU=Summer
 [R] Reading Proficiency/Placement
 [W] Writing Proficiency/Placement
 [M] Math Proficiency/Placement

SURVEYING CORE TECHNICAL CERTIFICATE**Degree Sheet**

2023-2024 Catalog

Technical Occupational Specialty			27 Credit Hours	Credit Hours	Prerequisites
SURV	1133	Fundamentals of GIS		3	None
SURV	2232	Route Surveying		2	SURV 2614
SURV	2233	Civil CAD Drafting I		3	None
SURV	2423	Photogrammetry		3	SURV 2614
SURV	2614	Surveying I		4	[R] [M]
SURV	2623	Legal Principles of Surveying I		3	Pre/Coreq: SURV 2614
SURV	2633	Legal Principles of Surveying II		3	SURV 2633
SURV	2643	Advanced Surveying I		3	SURV 2614
SURV	2743	Fundamentals of GPS		3	SURV 2614

Total to Graduate 27

The courses in this certificate program are embedded within the Surveying Technology A.A.S. degree

This program has not been approved by the Dept. of Education to be eligible for federal student aid

ADDITIONAL GRADUATION REQUIREMENTS:

- 2.0 Graduation/Retention GPA
- 7 credit hours earned in residence at OSU-OKC
- Students must complete the prerequisite course with a grade of 'C' or better to advance to the next course in the required sequence

NOTES LEGEND:

FA= Fall, SP=Spring, SU=Summer
 [R] Reading Proficiency/Placement
 [W] Writing Proficiency/Placement
 [M] Math Proficiency/Placement