



**OKLAHOMA CITY**

# **CERTIFICATES**

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

2024-2025 Catalog

<b>General Education Courses</b>			<b>13 Credit Hours</b>	<b>Credit Hours</b>	<b>Prerequisites</b>
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
<b>Support and Related Courses</b>			<b>9 Credit Hours</b>		
CHEM	1154	General, Organic and Biochemistry		4	[R] [M]
CHEM	1315	General Chemistry I		5	[R] [M]
<b>Technical Occupational Specialty</b>			<b>14 Credit Hours</b>		
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
<b>Total to Graduate</b>				<b>36</b>	

*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

**COMPUTER SUPPORT TECHNICIAN CERTIFICATE****Degree Sheet**

2024-2025 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

2024-2025 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
- Minimum grade of "C" or better in all CVSS 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

**DATA PROCESSING****Embedded Certificate****Degree Sheet**

2024-2025 Catalog

Technical Occupational Specialty			18 Credit Hours	Credit Hours	Prerequisites
CIS	1503	Microsoft Application - MS Office		3	[R]
CIS	2363	Database Design		3	CIS 1113 or CIS 1503
MIS	1623	Introduction to Business Analytics		3	CIS 1503
MIS	2103	Predictive Analytics and Numerical Methods		3	MIS 1623 and MATH 1483
MIS	2413	Introduction to Data Visualization		3	MIS 1623

**Total to Graduate      15**

*The courses in this certificate program are embedded within the Applied Data Analytics 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

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

2024-2025 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**

2024-2025 Catalog

<b>Technical Occupational Specialty</b>			<b>16 Credit Hours</b>	<b>Credit Hours</b>	<b>Prerequisites</b>
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 Classroom Mgmt		3	None

<b>General Education Courses</b>			<b>3 Credit Hours</b>		
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
- Minimum grade of "C" or better in all ECCD courses required for this degree
- 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****Infant / Toddler Concentration****Degree Sheet**

2024-2025 Catalog

<b>Technical Occupational Specialty</b>			<b>16 Credit Hours</b>	<b>Credit Hours</b>	<b>Prerequisites</b>
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

<b>General Education Course</b>			<b>3 Credit Hours</b>		
ENGL	1113	English Composition I		3	[R] [W]

**Total to Graduate 19****ADDITIONAL GRADUATION REQUIREMENTS:**

- 2.0 Graduation/Retention GPA
- 6 credit hours earned in residence at OSU-OKC
- Minimum grade of "C" or better in all ECCD courses required for this degree
- 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



**EMERGENCY MEDICAL TECHNICIAN CERTIFICATE****Degree Sheet***2024-2025 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
- To graduate with this certificate, students must successfully pass the National Certification exam.
- 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

**FIREFIGHTER CERTIFICATE****Degree Sheet**

2024-2025 Catalog

Technical Occupational Specialty			21 Credit Hours	Credit Hours	Prerequisites
FIRE	1712	Physical Fitness for Firefighters		2	None
FIRE	1725	Firefighter I		5	None
FIRE	1733	Firefighter II & Hazardous Materials		3	FIRE 1725
<b>Total to Graduate</b>				<b>10</b>	

*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 pass the National Certification exam
- 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

**FIRE INVESTIGATION CERTIFICATE****Degree Sheet**

2024-2025 Catalog

Technical Occupational Specialty			21 Credit Hours	Credit Hours	Prerequisites
FIRE	2803	Physical Science for Fire Investigators		3	None
FIRE	2813	Fire Dynamics		3	None
FIRE	2823	Fire Investigation Techniques		3	None
FIRE	2833	Constitutional Law and Expert Testimony		3	None
FIRE	2843	Orgin and Cause Report Writing		3	None
<b>Total to Graduate</b>				<b>15</b>	

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:**

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

# HORTICULTURE CERTIFICATE

## Degree Sheet

2024-2025 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
<i>Select 3 credit hours from the following plant identification courses: HRT 2313, HRT 2413, HRT 2453 or HRT 2463</i>					
HRT				3	Varies
<i>Select an additional 6 credit hours of any Horticulture courses</i>					
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

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

2023-2024 Catalog

<b>General Education Courses</b>			<b>10 Credit Hours</b>	<b>Credit Hours</b>	<b>Prerequisites</b>
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
<b>Support and Related Courses</b>			<b>4 Credit Hours</b>		
CHEM	1154	General, Organic and Biochemistry		4	[R] [M]
<b>Technical Occupational Specialty</b>			<b>11 Credit Hours</b>		
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
<b>Total to Graduate</b>				<b>25</b>	

*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:**

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

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

2024-2025 Catalog

<b>General Education Courses</b>			<b>9 Credit Hours</b>	<b>Credit Hours</b>	<b>Prerequisites</b>
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]
<b>Support and Related Courses</b>			<b>4 Credit Hours</b>		
CHEM	1154	General, Organic and Biochemistry		4	[R] [M]
<b>Technical Occupational Specialty</b>			<b>19 Credit Hours</b>		
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:**

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

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

2023-2024 Catalog

<b>General Education Courses</b>			<b>7 Credit Hours</b>	<b>Credit Hours</b>	<b>Prerequisites</b>
ENGL	1113	English Composition I		3	[R] [W]
Select One:				4	[R] ICSM 0104
CHEM	1104	Basic Chemistry			
BIOL	2214	Human Anatomy			
<b>Technical Occupational Specialty</b>			<b>24 Credit Hours</b>		
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
<b>Total to Graduate</b>				<b>31</b>	

*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:**

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

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

2024-2025 Catalog

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

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:**

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



**PROGRAMMING CERTIFICATE****Degree Sheet**

2024-2025 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:**

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

# PUBLIC SERVICE

## Embedded Certificate

Degree Sheet

2024-2025 Catalog

Technical Occupational Specialty			18 Credit Hours	Credit Hours	Prerequisites
PSER	1113	Public Sector Human Resource Management	3	[R] [W]	FA/SP Only
LS	2023	Public Law	3	[R] [W]	FA Only
PSER	2213	Introduction to Public Administration	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:**

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

**RETAIL FLORAL DESIGN CERTIFICATE****Degree Sheet**

2024-2025 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
<b>Total to Graduate</b>				<b>5</b>	

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

# SPANISH

## Embedded Certificate

Degree Sheet

2024-2025 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**

2024-2025 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