

INFORMATION SYSTEMS & TECHNOLOGIES**Programming Certificate****Degree Sheet**

2018-2019 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 1503
CIS	2023	C# (Sharp) Programming		3	CIS 1123
CIS	2433	Advanced C# Programming		3	CIS 2023 <i>SP Only</i>

Total to Graduate 15

The courses in this certificate program are embedded within the Information Systems & Technologies - Computer Information Systems A.A.S. degree.

ADDITIONAL GRADUATION REQUIREMENTS:

2.0 Graduation/Retention GPA

8 credit hours earned in residence at OSU-OKC

Degree Audit is not final until approved by the Office of the Registrar.

NOTES LEGEND:

FA= Fall, SP=Spring, SU=Summer

[R] Reading Proficiency/Placement

[W] Writing Proficiency/Placement

[M] Math Proficiency/Placement