

1. **Certificate programs provide career skills to enable students to enter the job market after graduation, retrain in a new career, or upgrade employment skills. Occupational courses are designed to meet these needs instead of transferring to four-year institutions; however, four-year institutions may accept some courses. Check with your college of transfer intent for more info.**
2. **By completing some general education requirements, most certificate programs lead to an AAS Degree. Consult the website or a CCA advisor for more info.**
3. **You must apply for graduation on the website or at Enrollment Services prior to your final semester.**

Certificate Requirements - 13 credits

	CIS 145 Complete PC Database: MS Access	3 cr.
	CSC 116 Logic and Program Design	3 cr.
	CSC 154 Intro to Microsoft Visual Basic.Net Programming	3 cr.
	CSC 157 Advanced Visual Basic.Net Programming	4 cr.

VISUAL BASIC CERTIFICATE, TOTAL CREDITS 13 cr.

Recommended Progression:

1st semester:

	CIS 145 Complete PC Database: MS Access	3 cr.
	CSC 116 Logic and Program Design	3 cr.

Recommended Progression:

2nd semester:

	CSC 154 Intro to Microsoft Visual Basic.Net Programming	3 cr.
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Recommended Progression:

3rd semester

	CSC 157 Advanced Visual Basic.Net Programming	4 cr.
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For Further Information:

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