

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 - 15 credits**

	CIS 220 Fundamentals of Unix	3 cr.
	CSC 116 Logic and Program Design	3 cr.
	CIS 232 Advanced Unix, Unix Shell Programming	3 cr.
	CSC 230 C Language Programming	3 cr.
	CSC 231 Advanced C Programming	3 cr.

**C Language Certificate, Total Credits – 15 credits**

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**Recommended Progression:**

**1<sup>st</sup> semester**

	CIS 220 Fundamentals of Unix	3 cr.
	CSC116 Logic and Program Design	3 cr.

**Recommended Progression:**

**2<sup>nd</sup> semester**

	CSC 230 C Language Programming	3 cr.
	CIS 232 Advanced Unix, Unix Shell Programming	3 cr.

**Recommended Progression:**

**3<sup>rd</sup> semester**

	CSC 231 Advanced C Programming	3 cr.
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**For Further Information:**

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