

**C++ PROGRAMMING
CERTIFICATE OF PROFICIENCY
University of Arkansas – Fort Smith**

2003/2004 Catalog
Program Plan

Assessment scores (ACT or COMPASS), required of all first-time entering students without previous college work, are used to determine skill readiness to be successful in college-level work. College Preparatory courses may not transfer or apply to graduation requirements. All college preparatory work should be completed within the first 30 hours.

READ	0503	0513	ENGL	0153	0163	MATH	0093	0233	1203
						or equivalents			

IDS 1203 is required for first-time full-time students.

CERTIFICATE of PROFICIENCY REQUIREMENTS

	Course	Pre or Co Requisites	Hrs	
	ITC 1353 Logic & Design for Information Technology	Pre required computer literacy placement score Pre or Co MATH 1403	3	
	ITC 1323 Introductory Programming	Pre ITC 1353, MATH 1403 and ENGL 1203	3	
	ITC 2333 Advanced Programming	Pre ITC 1323	3	
	ITC 2113 Data Structures	Pre ITC 2333	3	
	ITP 3223 C++	Pre ITC 2113	3	
	ITP 3263 Visual C++	Pre ITC3223	3	

Total Hours 18

The technical courses are not intended to transfer to a 4-year institution, although some of the individual courses may be transferable. Hours in most certificate programs are acceptable toward the associate of applied science degree (check the catalog).