

CADD – Mechanical Option
ASSOCIATE of APPLIED SCIENCE
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
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IDS 1203 is required for first-time full-time students.

AAS REQUIREMENTS

Course	Pre or Co Requisites	Hrs	
CADD 1234 Engineering Graphics I		4	
CADD 2744 CADD-2D Design I	Pre or Co CADD 1234 and CISM 1001 or experience or consent	4	
MATH 1403 College Algebra	Pre placement or MATH 1203	3	
ENGL 1203 Freshman English I	Pre placement or ENGL 0163	3	
CADD 1284 Engineering Graphics II	Pre CADD 2744	4	
CADD 2764 CAD-2D Design II	Pre CADD 2744 Pre or Co MATH 1403 or 1715	4	
MATH 1453 Plane Trigonometry	Pre placement or MATH 1403	3	
ENGL 1223 Technical Composition	Pre ENGL 1203	3	
CADD 2834 Machine Drawing & Design I	Pre CADD 2764 or consent Pre or Co MATH 1453 or 1715	4	
CADD 2774 Customizing CAD	Pre CADD 2764 Pre or Co MATH 1453 or 1715 or consent	4	
CADD 2784 Advanced 3D Design	Pre CADD 2764	4	
TCHG 1182 Industrial Safety		2	
CADD 2884 Machine Drawing & Design II	Pre CADD 2834 or consent	4	
CADD 2994 Engineering Graphics III	Pre consent	4	
CADD Elective Consult with faculty/advisor	Check catalog	4	
Social & Behavioral Science Elective		3	
CADD 2894 Parametric Modeling	Pre CADD 2834 or consent	4	
WELD 1455 Layout & Fabrication – Sheet Metal		5	
MACH 1355 Manufacturing Applications	Pre CADD 2834 or consent	5	

Total Hours 71

The technical courses are not intended to transfer to a 4-year institution, although some of the individual courses may be transferable.