

NorthWest Arkansas Community College

Associate of Applied Science Degree Requirements in Computer Aided Design (CAD) Major Emphasis: <u>Mechanical Design</u>

Last Name	e	First Name	Mid. Initial		Student ID			
*CHECK	THE	CATALOG FOR PREREQUISITES REFO	RE ENROLLING	IN A CLAS	S			
*CHECK THE CATALOG FOR PREREQUISITES BEFORE ENROLLING IN A CLASS POSSIBLE PLACEMENT REQUIREMENTS Name of								
(these hours will not transfer to a four-year institution):					Placement Test	Score		
MATH		Prealgebra	- ,-					
MATH		Beginning Algebra*				-		
MATH		Intermediate Algebra*						
READ		Preparing for College Reading						
READ	0033	College Reading*						
ENGL	004V	Foundations of Writing						
ENGL	0053	Beginning Writing*						
ENGL	0063	Intermediate Writing*						
			DATE					
			COMPLETED	PREREQU	JISITE (see catalog)	GRADE		
GENERA	AL EDU	CATION REQUIRED COURSES (22 Hou	urs)					
CISQ		Introduction To Computer Information			_			
ENGL		English Composition I						
ENGL		English Composition II <u>OR</u>						
ENGL		Technical Writing						
COMM	1313	Fundamentals of Communication <u>OR</u>						
COMM	2503	Small Group Communication						
MATH	1204	College Algebra						
MATH	1213	Plane Trigonometry						
XXXX	XXX3	Social/Behavioral Science Elective						
CAD REQUIRED COURSES (24 Hours)								
DRFT	1122	CAD Careers and Applications						
DRFT	1234	Engineering Graphics I						
DRFT	2114	AutoCAD I						
DRFT	1244	Engineering Graphics II						
DRFT	2154	AutoCAD II						
DRFT	2333	Advanced 3D Modeling						
BADM	2703	Internship Experience						
MEGHA	NICAT I	DEGLON OPTION (10 ALL			_			
MECHANICAL DESIGN OPTION (18 - 21 Hours)								
MECHANICAL DESIGN REQUIRED COURSES (12 Hours)								
DRFT	2533	Parametric Modeling (Inventor)						
DRFT	2523	Introduction to Geometric and Tolerancing						
DRFT	2123	Advanced Engineering Graphics						
DRFT	2343	Design and Production Technology						

	Student's Signature:	Date:				
	Advisor's Signature:	Date:				
•	visor has explained this degree plan and I in nes as defined in the college catalog for co	derstand that I am responsible for following the above se prerequisites.				
15 Hours must be earned at NWACC to graduate						
	1 FY 2009-2010 Changes (Effective 2011-2012	Degree)				
(Not all c	ourses are available each semester; consult catalog and	Vebsite to aid in planning.)				
64 - 67 h	ours TOTAL for AAS CAD Mechanical Design Opt	n				
OSHA	2533 Safety and Health Risk Management					
BLAW	2013 Legal Environment of Business I					
CISM	1223 Photoshop					
GNEG	1103 Introduction to Engineering					
CISM	2123 Web Page Design					
DRFT	2293 Modeling and Presentation					
DRFT	2543 Advanced Parametric Modeling					
MECHA	NICAL DESIGN ELECTIVE COURSES (CHOOS	6-9 HOURS FROM)				