



NorthWest Arkansas Community College

Associate of Applied Science Degree Requirements in Computer Aided Design (CAD)

Major Emphasis: Mechanical Design

Last Name	First Name	Mid. Initial	Student ID

***CHECK THE CATALOG FOR PREREQUISITES BEFORE ENROLLING IN A CLASS**

POSSIBLE PLACEMENT REQUIREMENTS

(these hours will not transfer to a four-year institution):

- MATH 0013 Prealgebra
- MATH 0053 Beginning Algebra*
- MATH 0103 Intermediate Algebra*
- READ 0003 Preparing for College Reading
- READ 0033 College Reading*
- ENGL 004V Foundations of Writing
- ENGL 0053 Beginning Writing*
- ENGL 0063 Intermediate Writing*

Name of Placement Test

Score

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RECOMMENDED SEQUENCE

DATE

COMPLETED

PREREQUISITE (see catalog)

GRADE

GENERAL EDUCATION REQUIRED COURSES (22 Hours)

- CISQ 1103 Introduction To Computer Information
- ENGL 1013 English Composition I
- ENGL 1023 English Composition II **OR**
- ENGL 2013 Technical Writing
- COMM 1313 Fundamentals of Communication **OR**
- COMM 2503 Small Group Communication
- MATH 1204 College Algebra
- MATH 1213 Plane Trigonometry
- XXXX XXX3 Social/Behavioral Science Elective

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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

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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

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MECHANICAL DESIGN ELECTIVE COURSES (CHOOSE 6-9 HOURS FROM)

- DRFT 2543 Advanced Parametric Modeling
- DRFT 2293 Modeling and Presentation
- CISM 2123 Web Page Design
- GNEG 1103 Introduction to Engineering
- CISM 1223 Photoshop
- BLAW 2013 Legal Environment of Business I
- OSHA 2533 Safety and Health Risk Management

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64 - 67 hours TOTAL for AAS CAD Mechanical Design Option

(Not all courses are available each semester; consult catalog and Website to aid in planning.)

1 FY 2009-2010 Changes (Effective 2011-2012 Degree)

15 Hours must be earned at NWACC to graduate

My advisor has explained this degree plan and I understand that I am responsible for following the above guidelines as defined in the college catalog for course prerequisites.

Advisor's Signature: _____ **Date:** _____

Student's Signature: _____ **Date:** _____