

NorthWest Arkansas Community College	Associate of Applied Science-Computer Aided Design (CAD) Option: Mechanical Design 2022 Advising Sheet
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This is an Advising Sheet to assist Advisors and Students with their goals. This is not a degree plan awarded at NWACC

Student Name:	Student ID #:
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60 hrs

<p><u>General Education Required Courses (18 Hours)</u> Recommended Sequence:</p> <p><input type="checkbox"/> CISQ 1103 Intro to Computer Information</p> <p>OR</p> <p><input type="checkbox"/> Computer Competency Testing</p> <p><input type="checkbox"/> ENGL 1013 English Composition I</p> <p><input type="checkbox"/> ENGL 1023 English Composition II</p> <p><input type="checkbox"/> COMM 1303 Public Speaking</p> <p>OR</p> <p><input type="checkbox"/> COMM 2503 Small Group Communication</p> <p><input type="checkbox"/> MATH 1203 College Algebra</p> <p>OR</p> <p><input type="checkbox"/> MATH 1203R College Algebra w/Review</p> <p><input type="checkbox"/> XXXX XXX3 Social/Behavioral Science Elective*</p> <p style="margin-top: 20px;">Honors and Global Studies courses will meet degree requirements where applicable.</p>	<p><u>CAD Required Courses (24 Hours)</u></p> <p><input type="checkbox"/> DRFT 1233 Engineering Graphics</p> <p><input type="checkbox"/> DRFT 2114 AutoCAD I</p> <p><input type="checkbox"/> DRFT 2183 AutoCAD Civil 3D</p> <p><input type="checkbox"/> DRFT 2234 Building Information Mod. I</p> <p><input type="checkbox"/> DRFT 2534 Parametric Modeling I</p> <p><input type="checkbox"/> DRFT 2593 Modeling & Presentation</p> <p><input type="checkbox"/> BADM 2703 Internship Experience</p> <p><u>Mechanical Design Option (18 Hours)</u></p> <p>Mechanical Design Required Courses (12 Hours):</p> <p><input type="checkbox"/> DRFT 2123 Machine Design</p> <p><input type="checkbox"/> DRFT 2343 Design & Production Technology</p> <p><input type="checkbox"/> DRFT 2543 Parametric Modeling II</p> <p><input type="checkbox"/> DRFT 2213 Rapid Prototyping</p>	<p><u>Mechanical Design Option (cont.) (18 Hours)</u></p> <p><u>Mechanical Design Elective Courses (6 Hours):</u></p> <p><input type="checkbox"/> ART 1313 Design 1 (Illustrator)</p> <p><input type="checkbox"/> ART 1323 Three-Dimensional Design</p> <p><input type="checkbox"/> ART 1333 Two-Dimensional Design</p> <p><input type="checkbox"/> ART 2313 Computer Applications in Fine Art</p> <p><input type="checkbox"/> ART 2273 3D Animation</p> <p><input type="checkbox"/> BLAW 2013 Legal Environment of Business I</p> <p><input type="checkbox"/> CISM 1223 Photoshop</p> <p><input type="checkbox"/> CISM 2123 Web Page Design I</p> <p><input type="checkbox"/> CST 1313 Materials of Construction</p> <p><input type="checkbox"/> CST 2213 Construction Methods I</p> <p><input type="checkbox"/> CST 2513 Surveying</p> <p><input type="checkbox"/> DRFT 2154 AutoCAD II</p> <p><input type="checkbox"/> DRFT 2253 Architecture Appreciation</p> <p><input type="checkbox"/> DRFT 2263 Civil Engineering Fundamentals</p> <p><input type="checkbox"/> DRFT 2283 Building Information Modeling II</p> <p><input type="checkbox"/> DRFT 2293 Computer Aided Manufacturing</p> <p><input type="checkbox"/> DRFT 2353 Residential Construction Drawing</p> <p><input type="checkbox"/> DRFT 2363 Commercial Construction Drawing</p> <p><input type="checkbox"/> DRFT 2403 Site Planning & Land Development</p> <p><input type="checkbox"/> DRFT 2493 Building Systems</p> <p><input type="checkbox"/> DRFT 2553 Parametric Modeling w/Solidworks</p> <p><input type="checkbox"/> GEOS 2493 Intro to Geographic Info. Science (GIS)</p> <p><input type="checkbox"/> GNEG 1103 Introduction to Engineering</p>
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>>>Check the college catalog for possible prerequisites before enrolling in classes>>>

<p>POSSIBLE PLACEMENT REQUIREMENTS These courses are for developing college level skills.</p> <p>NWACC strongly recommends that students enroll in English and math preparatory courses within the first two semesters.</p> <p><input type="checkbox"/> MATH 0012 Foundations of Quantitative Literacy</p> <p><input type="checkbox"/> MATH 0013 Pre-algebra</p> <p><input type="checkbox"/> Math 0022 Foundations of Beginning Algebra</p> <p><input type="checkbox"/> MATH 0053 Beginning Algebra</p> <p><input type="checkbox"/> MATH 0103 Intermediate Algebra</p> <p><input type="checkbox"/> MATH 0112 Foundations of College Algebra</p> <p><input type="checkbox"/> MATH 0214 Foundations of Algebra-STEM</p> <p><input type="checkbox"/> ENGA 0033 College Reading**</p> <p><input type="checkbox"/> ENGA 0063 Intermediate Writing</p> <p><input type="checkbox"/> ENGA 0093 Reading and Writing Studio</p> <p><input type="checkbox"/> ENGA 0091 Academic Literacy Lab**</p> <p><input type="checkbox"/> ENGC 0033 College Reading & Vocabulary**</p> <p><input type="checkbox"/> ENGC 0043 Communication & Culture</p> <p><input type="checkbox"/> ENGC 0131 Comp Review</p> <p style="margin-top: 20px;">These hours will not fulfill any degree requirements at NWACC. These courses will not transfer to a four year institution.</p>	<p>Notes:</p> <p>*Social/Behavioral Science Elective Options: ANTH 1023, CMJS 2013, ECON 2013, ECON 2023, GEOG 1003, GEOG 1123, HIST 1003, HIST 1013, HIST 1043, HIST 2003, HIST 2013, PHIL 2003, PHIL 2033, PLSC 2803, PSYC 2003, PSYC 2103, SOCI 2013, SOCI 2033, SOCI 2043.</p> <p>15 hours must be earned at NWACC to graduate.</p> <p>Not all courses are available each semester; consult catalog to aid in planning.</p>
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