

BS IN DESIGN (2022-24)
MECHANICAL DESIGN TECHNOLOGY CONCENTRATION

Department of Technology Systems, East Carolina University

Name: _____ Banner ID: _____ Grad Date: _____ Admitted: _____

This checksheet is for planning purposes only. The responsibility for meeting all academic requirements, as officially documented in the ECU catalog, rests with the student.

		Completed						
ECU Required Course	Substitution and/or Prerequisite	Approval	Hrs need	2yr hrs	4yr hrs	School	Sem	Grade
<input type="checkbox"/> ENGLISH (6 hrs)								
ENGL 1100 English Comp 1 (WI)			3					
ENGL 2201 English Comp 2 (WI)			3					
<input type="checkbox"/> NATURAL SCIENCE (8 hrs)								
PHYS 1250/1 General Physics 1			4					
PHYS 1260/1 General Physics 1			4					
<input type="checkbox"/> SOCIAL SCIENCE (9hrs)								
ECON 2113 Microeconomics			3					
PSYC 1000 General Psychology			3					
PSYC 3241 Industrial Psychology	P: PSYC 1000		3					
<input type="checkbox"/> MATH (minimum 3 hrs)								
MATH 1065 College Algebra			3					
<input type="checkbox"/> HUMANITIES & FINE ARTS (9hrs)								
PHIL 2274 Bus Ethics or PHIL 2275 Prof Ethics			3					
At least one in Fine Arts			3					
Humanities OR Fine Arts			3					
<input type="checkbox"/> HEALTH & KINESIOLOGY (3 hrs)								
HLTH 1000 Health course			2					
KINE 1000 Physical Activity & Fitness			1					
<input type="checkbox"/> GENERAL EDUCATION ELECTIVE (3 hrs)								
General Education Elective	Humanities, Fine Arts, Social Science		3					
<input type="checkbox"/> Core (42 hrs)								
DESN 2034/5 Engineering Graphics 1	P/C: ITEC 2000 or MIS 2223		3					Fa, Sp
DESN 2036/7 CAD	P: DESN 2034		3					Fa, Sp
FINA 2244 Legal Environ. Of Business			3					Fa,Sp,Su
IENG 2020/1 Materials & Processes	P/C: ITEC 2000 or MIS 2223		3			ECU		Fa, Sp
IENG 3600 Statics & Strength Materials			3			ECU		Fa, Sp
ITEC 2000 or MIS 2223 Comp Apps			3					Fa, Sp
ITEC 2054/5 Electronics			3			ECU		Fa, Sp
ITEC 2080/1 Thermal & Fluid	P: IENG 2020		3			ECU		Fa, Sp
ITEC 3200 Intro to SPC (or MATH 2283)	P: MATH 1065; RP:ITEC 2000 or MIS 2223		3			ECU		Fa,Sp
ITEC 3290 Tech. Writing (WI) (GD)	P: ENGL 2201		3			ECU		Fa,Sp,Su
ITEC 3292 Industrial Safety	P: Junior Standing		3			ECU		Fa,Sp
ITEC 3300 Tech Proj Mgmt (WI) (DD)	P: ENGL 2201		3			ECU		Fa,Sp,Su
ITEC 3800 Capital Proj (or FINA 3004)	P: MATH 1065; RP:ITEC 2000 or MIS2223		3			ECU		Fa,Sp
ITEC 4293 Ind. Super (WI) (or MGMT 3202)	P: Sr Standing		3			ECU		Fa,Sp
<input type="checkbox"/> Mechanical Design Technology Concentration (30 hrs)								
DESN 3032/3 Engr Graphics II	P: DESN 2036		3			ECU		Sp
DESN 3230/1 Additive Manf	P: DESN 3032		3			ECU		Sp
DESN 3236/7 GD&T	P: DESN 3032		3			ECU		Fa
DESN 4232/3 Jig & Fixture Design	(formally DESN 3234) P: DESN 3032		3			ECU		Fa
DESN 4234/5 Machine & Tool	P: DESN 3032		3			ECU		Sp
IENG 2076/7 Intro to CNC			3			ECU		Fa,Sp
IENG 3020/1 Intro to CIM	P/C: ITEC 2090		3			ECU		Sp
IENG 3300 Plt Layout & Mat Hand	P:DESN 2036; IENG 2020; P/C: ITEC 3290		3			ECU		Fa
ITEC 2090/1 Electomech (PLC)	P: ITEC 2054		3			ECU		Fa,Sp
ITEC 4300 Quality Assurance	P: ITEC 3200 or MATH 2283		3			ECU		Fa,Sp
<input type="checkbox"/> Free Electives (7 hrs)								
Any Course			7					

Academic Advisor	
Transfer Hours:	
Transfer School(s):	
Minor - indicate in what area:	
Writing Intensive (WI) req (min 12 hours) - ENGL 1100; ENGL 2201; ITEC 3290; ITEC 3300	
Domestic Diversity (DD): ITEC 3300	
Global Diversity (GD): ITEC 3290	
Notes	

Total Semester Hours:

Hrs need 2yr hrs 4yr hrs

120 0 0

= 120
Min 120 hrs

Check Sheet KEY

P: Prerequisite
Fa Fall Semester
Sp Spring Semester
Su Summer School