

**MECHANICAL DESIGN TECHNOLOGY PROGRAM
COLLEGE OF TECHNOLOGY**

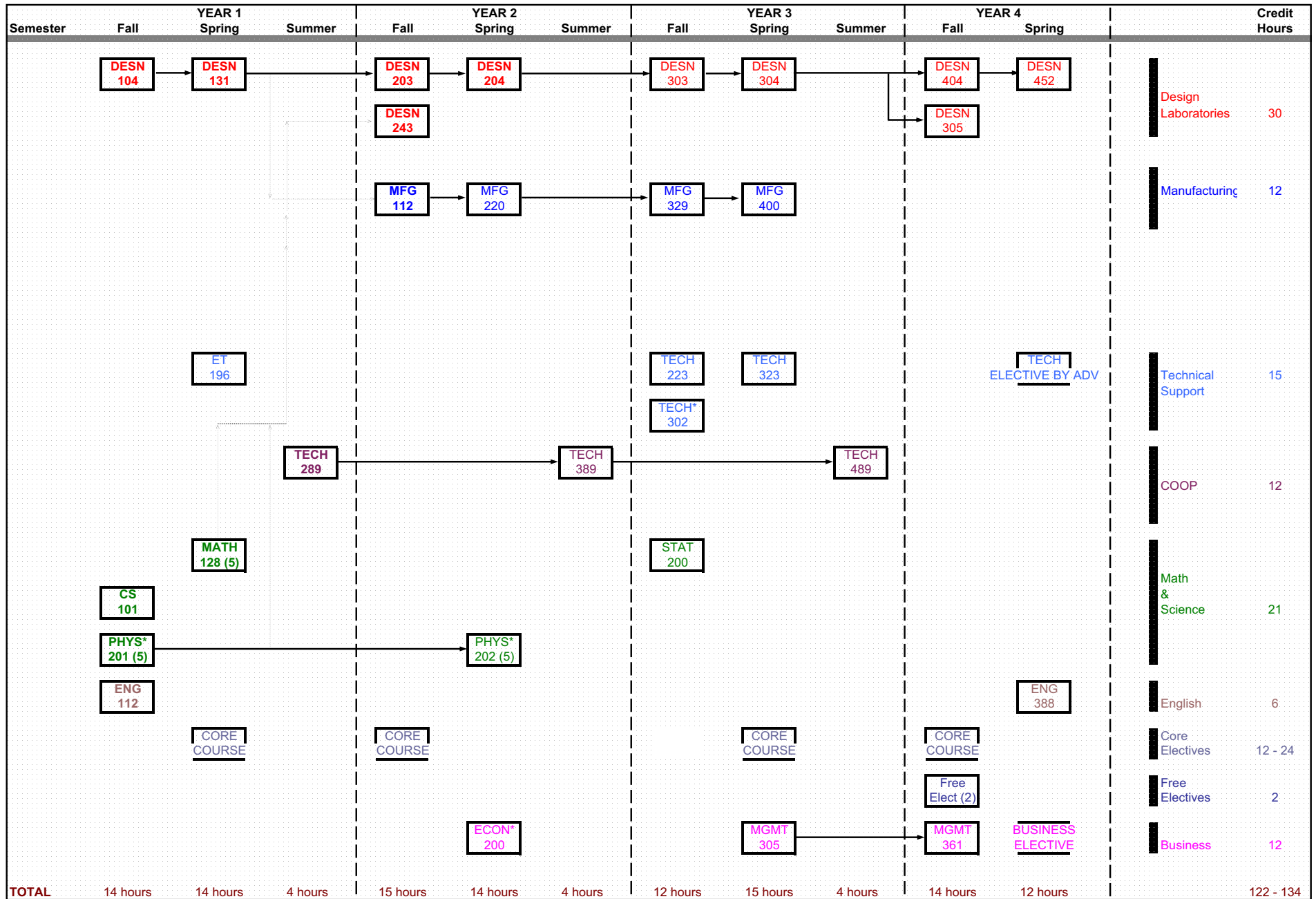
2004-2005

B.S. in Technology

<u>Courses Required for Major</u>	66	<u>Other Required Courses</u>	<u>General Education Core Courses**</u>	<u>24 Hrs.</u>
<u>Cooperative Education</u>	<u>12 Hrs.</u>	<u>University</u>	<u>42 Hrs.</u>	
___ TECH 289 Co-op	4	___ PHYS 201 College Physics I*		3
___ TECH 389 Co-op	4	___ PHYS 202 College Physics II*		3
___ TECH 489 Co-op	4	___ TECH 302 Technology & Society*		
		___ ECON 200 Intro to Economics*	Humanities & Arts	3
<u>Concentration</u>	<u>54 Hrs.</u>	___ STAT 200 Using Statistics		3
___ DESN 104 Desn/Eng Graph I	3	___ CS 101 Intro to Programming		3
___ DESN 131 Basic CAD	3	___ ENG 112 Varieties of Writing	Social Science	
___ DESN 203 CAD Model & Desn	3	___ ENG 388 Intro to Technical Writing		3
___ DESN 204 eng Desn & Prod Dev	3	___ MATH 128 Precalculus Math		3
___ DESN 243 Statics & Strength	3	___ MGMT 305 Principles of Org & Mgmt		
___ DESN 303 Three-D Parametric Desn	3	___ MGMT 361 Human Res Mgmt	Cultural Diversity in U.S.	
___ DESN 304 Mechanical Design	3	___ Business Elect (300 or above)		3
___ DESN 305 Technical Illustration	3			
___ DESN 404 CAD Sim & Analysis	3	<u>Free Electives</u>	Core elective	
___ DESN 452 Desn in Industry	3			3
___ ECT 196 Electrical-Electronic Sys	3			
___ MFG 112 Intro to Mfg	3			
___ MFG 220 Met Mat'l & Process	3			
___ MFG 329 Plastics Mat & Proc	3			
___ MFG 400 Mat'l Prop & Heat Treat	3			
___ TECH 223 Mech Power Trans	3			
___ TECH 323 Fluid Power Trans	3			
___ Techelective by advisement	3			
		#Minimum of 40 hours @ 300 or above.		
		*These courses may be used to meet University General Education Core Requirements, but can be counted only once.		
		Matriculation items are shown in BOLD PRINT		
			<u>**One selected course must have an international perspective as designated in the approved courses.</u>	
			<u>Summary</u>	
			Major	<u>66 Hrs.</u>
			Other required courses	<u>42 Hrs.</u>
			General Education Core	<u>24 Hrs.</u>
			Free Electives	<u>2 Hrs.</u>
			Total minimum program hours	<u>122 Hrs.</u>
			Penalty hours	___ Hrs.
			Articulation Penalty	___ Hrs.

In addition, overall grade point average (GPA) must be 2.25 or higher and the technology GPA must be 2.5 or higher. All courses required for matriculation must be completed with a letter grade of "C" or better. A minimum of 40 credit hours of 300-400 level courses is required for graduation. Please note: Due to the cooperative education requirement, in order to complete this program in four years, it is necessary for the student to either enroll in co-op hours or coursework during the summer as well as during the academic year. If a student is not able to do so, this program will take five years to complete.

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BOLD courses indicate matriculation requirement. To matriculate, overall grade point average (G.P.A.) must be 2.25 or higher and the Technology G.P.A. must be 2.5 or higher. All courses required for matriculation must be completed with a letter grade of "C" or better.

A minimum of 40 hours of 300-400 level courses is required for graduation.

STUDENTS ARE RESPONSIBLE FOR MEETING ALL COLLEGE AND UNIVERSITY REQUIREMENTS AS STATED IN THE UNDERGRADUATE CATALOG.