

# COMBINED MECHANICAL ENGINEERING & BUSINESS CURRICULUM

## FALL SEMESTER

PSYC 104	General Psychology	3	<input type="checkbox"/>	<input type="checkbox"/>
ENGL 101	Composition	3	<input type="checkbox"/>	<input type="checkbox"/>
MATH 121	Calculus I	5	<input type="checkbox"/>	<input type="checkbox"/>
ME 228	Computer Graphics	3	<input type="checkbox"/>	<input type="checkbox"/>
Humanities Elective (HL)*		3	<input type="checkbox"/>	<input type="checkbox"/>
		17		

## FALL SEMESTER

MATH 220	Appl. Diff. Equations	3	<input type="checkbox"/>	<input type="checkbox"/>
MATH 290	Elem. Linear Algebra	2	<input type="checkbox"/>	<input type="checkbox"/>
PHSX 211	Gen. Physics I	4	<input type="checkbox"/>	<input type="checkbox"/>
ACCT 200	Financial Accounting I	4	<input type="checkbox"/>	<input type="checkbox"/>
IST 301	Intro. To Bus. Comp.	3	<input type="checkbox"/>	<input type="checkbox"/>
		16		

## FALL SEMESTER

DSCI 301	Statistics	4	<input type="checkbox"/>	<input type="checkbox"/>
ME 311	Mechanics of Materials	4	<input type="checkbox"/>	<input type="checkbox"/>
ME 312	Basic Engr. Thermo.	3	<input type="checkbox"/>	<input type="checkbox"/>
ME 420	Mechanisms	3	<input type="checkbox"/>	<input type="checkbox"/>
ME 346	Sel. & Proc. Engr. Mtls.	4	<input type="checkbox"/>	<input type="checkbox"/>
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## FALL SEMESTER

MKTG 310	Marketing	3	<input type="checkbox"/>	<input type="checkbox"/>
BE 301	Managerial Economics	3	<input type="checkbox"/>	<input type="checkbox"/>
MGMT 310	Organizational Behavior	3	<input type="checkbox"/>	<input type="checkbox"/>
ME 508	Numerical Analysis	3	<input type="checkbox"/>	<input type="checkbox"/>
ME 612	Heat Transfer	3	<input type="checkbox"/>	<input type="checkbox"/>
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## FALL SEMESTER

MGMT 498	Business Policy & Strategy	3	<input type="checkbox"/>	<input type="checkbox"/>
Communications Elective**		3	<input type="checkbox"/>	<input type="checkbox"/>
ME 628	Mechanical Design II	3	<input type="checkbox"/>	<input type="checkbox"/>
BLAW 301	Legal Aspects of Business	3	<input type="checkbox"/>	<input type="checkbox"/>
ME 640	Design Project	1	<input type="checkbox"/>	<input type="checkbox"/>
ME 682	Control Systems	3	<input type="checkbox"/>	<input type="checkbox"/>
		16		

## SPRING SEMESTER

MATH 122	Calculus II	5	<input type="checkbox"/>	<input type="checkbox"/>
ENGL 102	Composition & Literature	3	<input type="checkbox"/>	<input type="checkbox"/>
ECON 144	Macroeconomics	3	<input type="checkbox"/>	<input type="checkbox"/>
CHEM 125	College Chemistry	5	<input type="checkbox"/>	<input type="checkbox"/>
		16		

## SPRING SEMESTER

ECON 142	Microeconomics	3	<input type="checkbox"/>	<input type="checkbox"/>
ACCT 201	Managerial Accounting I	3	<input type="checkbox"/>	<input type="checkbox"/>
CE 201	Statics	2	<input type="checkbox"/>	<input type="checkbox"/>
PHSX 212	Gen. Physics II	4	<input type="checkbox"/>	<input type="checkbox"/>
ME 208	Int. Digital Comp. Methods	3	<input type="checkbox"/>	<input type="checkbox"/>
Culture & Society Elective (SC)		3	<input type="checkbox"/>	<input type="checkbox"/>
		18		

## SPRING SEMESTER

PHIL 160	Intro to Ethics or		<input type="checkbox"/>	<input type="checkbox"/>
PHIL 180	Social & Political Phil.	3	<input type="checkbox"/>	<input type="checkbox"/>
ME 510	Fluid Mechanics	3	<input type="checkbox"/>	<input type="checkbox"/>
ME 412	Thermal Systems	3	<input type="checkbox"/>	<input type="checkbox"/>
SCM 310	Mgt. Sci. & Operations Mgt.	3	<input type="checkbox"/>	<input type="checkbox"/>
EECS 316	Circuits Electronics & Instr.	3	<input type="checkbox"/>	<input type="checkbox"/>
EECS 318	Circuits & Electronics Lab	1	<input type="checkbox"/>	<input type="checkbox"/>
		16		

## SPRING SEMESTER

FIN 310	Finance	3	<input type="checkbox"/>	<input type="checkbox"/>
ME 501	M.E. Design Process	3	<input type="checkbox"/>	<input type="checkbox"/>
ME 455	Mechanical Measurements	4	<input type="checkbox"/>	<input type="checkbox"/>
ME 520	Dyn. Of Machinery	3	<input type="checkbox"/>	<input type="checkbox"/>
ME 528	Mechanical Design I	3	<input type="checkbox"/>	<input type="checkbox"/>
ME 661	Finite Element Method	3	<input type="checkbox"/>	<input type="checkbox"/>
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## SPRING SEMESTER

Business Elective***		3	<input type="checkbox"/>	<input type="checkbox"/>
Business Elective***		3	<input type="checkbox"/>	<input type="checkbox"/>
Business Elective***		3	<input type="checkbox"/>	<input type="checkbox"/>
Humanities Elective (HT)*		3	<input type="checkbox"/>	<input type="checkbox"/>
ME 641	Design Proj. Opt. A	2	<input type="checkbox"/>	<input type="checkbox"/>
Environmental Concern Elective		3	<input type="checkbox"/>	<input type="checkbox"/>
		17		

Note: \* or Western Civilization I or II

\*\* COMS 130 or English 359, 360, 362 or 385

\*\*\* ACCT, BLAW, BUS 400 & above, DSCI, ENTR 321 & above, FIN, IBUS 310 & above, IST 311 & above, MGMT, MKTG 321 & above, SCM 321 & above

Business students will satisfy the Natural Science requirement with CHEM 125 and PHSX 211.

Two separate degree diplomas are awarded and student must satisfy school requirements for each degree. Total 168 hours.

THIS CHECK SHEET IS FOR INFORMATIONAL PURPOSES ONLY.

Rev. 4/15/2009