

# BS in Mechanical Engineering

## Mechanical Engineering Major Requirements

J C ENGR 4950	Fundamentals Of Engineering Review	1
J E MATH 3260	Probability And Statistics For Engineering	3
J E ENGR 2300	Introduction To Electrical Networks	3
<del>J E ENGR 2330</del>	<del>Electrical And Electronic Circuits Laboratory</del>	<del>3</del>
J M ENGR 1413	Introduction To Engineering Design: CAD	2
J M ENGR 1414	Introduction To Engineering Design: Project	2
J M ENGR 2410	Mechanics Of Deformable Bodies	3
J M ENGR 3200	Thermodynamics	3
J M ENGR 3221	Mechanical Design And Machine Elements	4
J M ENGR 3250	Material Science For J M ENGR	4
J M ENGR 3700	Fluid Mechanics	3
J M ENGR 3710	Principles Of Heat Transfer	3
J M ENGR 3721	Fluid Mechanics Laboratory	1
J M ENGR 3722	Heat Transfer Laboratory	1
J M ENGR 4041	Current Topics In Engineering Design	1
J M ENGR 4120	Design of Thermal Systems	3
J M ENGR 4170	Dynamic Response Of Physical Systems	2
J M ENGR 4180	Dynamic Response Laboratory	<del>2</del> 1
J M ENGR 4110	Mechanical Engineering Design Project	4
J E ENGR 2340	Electrical Laboratory for J M ENGR	1
J M ENGR 4310/ J E ENGR 4410	Control Systems I	3
Mechanical Engineering Electives		12

<b>Total Hours</b>	<b><del>63</del> 60</b>
--------------------	-------------------------

Sign-offs from other departments affected by this proposal

None

Rationale

JEE 2340 is a laboratory that is appropriate for Mechanical Engineers, replacing a lab (JEE 2330) that is more appropriate for Electrical Engineers. Change in units for JME 4180 reflects the fact that amount of report writing has been dramatically reduced.