

Mississippi Community College/MSU College of Engineering Advising Guide			Semester Hours Applied per Major									May 2006
Description	Community College Course Number	ASE	BE	CHE	CE	CPE	CS	EE	IE	ME	SE	Comments
English Comp	ENG 1113, 1123	6	6	6	6	6	6	6	6	6	6	
Speech	SPT 1113	3	3	0	0	3	3	3	3	3	3	
Humanities	History, For. Lang., Lit., Phil., Religion	6	6	6	6	6	6	6	6	6	6	a2 related courses CPE & EE: see web for details
Fine Arts	ART or MUS 1113	3	3	3	3	3	3	3	3	3	3	
Social Science	ECO/GEO/PSC/ PSY/SOC (including Anthropology)	6	6	6	6	6	6	6	6	6	6	IE take ECO 2123 & PSY 1513
Chem. I, Lab	CHE 1214	4	4	4	4	4	4	4	4	4	4	
Chem. II, Lab	CHE 1224	0	4	4	4	0	0	0	3	4	0	
Organic Chem.	CHE 2424, 2434	0	0	6	0	0	0	0	0	0	0	
Calculus- based Physics	PHY 2514, 2524	8	6	6	8	6	6	8	6	8	6	Or 23x3 series if calculus-based. BE, CHE, CPE, CS, IE and SE do not take "Light & Sound"
Biology	BIO 1134 or 2414	0	0	3	0	0	4	0	0	0	4	CHE will use as technical elective.
Zoology	BIO 2414	0	4	0	0	0	0	0	0	0	0	
Calculus	MAT 1613, 1623, 2613, 2623	12	12	12	12	12	12	12	12	12	12	Or MAT 1815, 1825, 2623, CS use 2623 as Tech. Elec.
Diff. Equa. I	MAT 2913	3	3	3	3	3	3	3	3	3	3	CS will use as technical elective. SE will take either MAT 2913 or MAT 2113. IE will use as science/math elective
Linear Algebra	MAT 2113	0	0	0	0	3	3	3	3	3	0	SE take either MAT 2913 or MAT 2113
C/C++	CSC 2113 or 2134	0	3	0	0	0	0	0	0	0	0	
Object- oriented programming	CSC 1613 & 2623, or CSC 2133 & 2143	0	0	0	0	6	6	6	0	0	6	
Graph. Comm.	GRA 1143 (CAD)	0	0	0	3	0	0	0	2	0	0	
Engr. Mech. I	EGR 2413	3	3	3	3	0	0	3	3	3	0	
Engr. Mech. II	EGR 2433	3	0	0	3	0	0	0	3	3	0	
<b>TOTAL HOURS APPLIED</b>		<b>57</b>	<b>63</b>	<b>62</b>	<b>61</b>	<b>58</b>	<b>62</b>	<b>63</b>	<b>63</b>	<b>64</b>	<b>59</b>	

Majors ASE = Aerospace, BE = Biological, CHE = Chemical, CE = Civil, CPE = Computer Engineering, CS = Computer Science, EE = Electrical, IE = Industrial, ME = Mechanical, SE = Software. Only grades of C or better will apply toward degree.

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