

STANDARD TRACK

MECHANICAL ENGINEERING PROGRAM: FIRST AND SECOND YEARS				
	SEMESTER I	SEMESTER II	SEMESTER III	SEMESTER IV
MATHEMATICS	MATH V1101 (3)	MATH V1102 (3)	MATH V1201 (3)	MATH V1202 (3) and APMA E2101 (3)
PHYSICS (three tracks, choose one)	C1401 (3) ——— C1601 (3.5) ——— C2801 (4.5) ———	C1402 (3) ——— C1602 (3.5) ——— C2802 (4.5) ———	C1403 (3) ² C2601 (3.5) ²	
CHEMISTRY	one semester lecture (3-4) C1403 or C1404 or C3045 or C2407	Lab C1500 (3) ¹		
ENGLISH COMPOSITION (three tracks, choose one)	C1010 (3) Z1003 (4) ——— Z0006 (0) ———	C1010 (3) Z1003 (4)		
REQUIRED NONTECHNICAL COURSES			HUMA C1001, C1101 or V2001 (4) HUMA C1121 or C1123 (3)	HUMA C1002, C1102 or V2002 (4) ECON W1105 (4) and W1155 recitation (0)
REQUIRED TECHNICAL COURSES	(3) Student's choice, see list of first- and second-year technical electives (professional-level courses; see page 16)		ENME E3105 (4) either semester	
COMPUTER SCIENCE	Computer language: W1003 (3) or W1004 (3) or W1007 (3) any semester			
PHYSICAL EDUCATION	C1001 (1)	C1002 (1)		
GATEWAY LAB	E1102 and E1112 (4) either semester			

1. May substitute Physics Lab C1493 (3), C1494 (3), or W3081 (2)

2. May substitute Biology W2001 or higher

MECHANICAL ENGINEERING PROGRAM: THIRD AND FOURTH YEARS				
	SEMESTER V	SEMESTER VI	SEMESTER VII	SEMESTER VIII
REQUIRED COURSES	MECE E3018 (3) Lab I ³ MECE E3100 (3) Fluids I MECE E3301 (3) Thermodynamics ENME E3105 (4) Mechanics ⁴ ENME E3113 (3) Mechanics of Solids	MECE E3028 (3) Lab II ³ MECE E3408 (3) Graphics & design MECE E3311 (3) Heat Transfer MECE E4608 (3) Manufacturing proc. ELEN E1201 (3.5) Intro. Elec. Eng.	MECE E3038 (3) Lab III ³ MECE E3409 (3) CAD MECE E3601 (3) Classical control sys.	MECE E3410 (4) Design
TECHNICAL ELECTIVES			6 points	6 points
ELECTIVES	3 points		3 points	6 points
TOTAL POINTS	15	15.5	18	16

³ In 2004-2005 this lab sequence starts in Semester VI⁴Strongly recommended to be taken in Semester III or IV

EARLY DECISION TRACK

MECHANICAL ENGINEERING PROGRAM: FIRST AND SECOND YEARS				
	SEMESTER I	SEMESTER II	SEMESTER III	SEMESTER IV
MATHEMATICS	MATH V1101 (3)	MATH V1102 (3)	MATH V1201 (3)	MATH V1202 (3) and APMA E2101 (3)
PHYSICS (three tracks, choose one)	C1401 (3) ——— C1601 (3.5) ——— C2801 (4.5) ———	C1402 (3) ——— C1602 (3.5) ——— C2802 (4.5) ———	C1403 (3) ² C2601 (3.5) ²	
CHEMISTRY	one semester lecture (3-4) C1403 or C1404 or C3045 or C2407	Lab C1500 (3) ¹		
ENGLISH COMPOSITION (three tracks, choose one)	C1010 (3) Z1003 (4) ——— Z0006 (0) ———	C1010 (3) Z1003 (4)		
REQUIRED NONTECHNICAL COURSES			HUMA C1001, C1101 or V2001 (4)	HUMA C1002, C1102 or V2002 (4)
REQUIRED TECHNICAL COURSES	(3) Student's choice, see list of first- and second-year technical electives (professional-level courses: see page 16)	ENME E3105 (4) Mechanics	ENME E3113 (3) Mechanics of Solids	ELEN E1201 (3.5) Intro. Elec. Eng. MECE E3408 (3) Graphics & design
COMPUTER SCIENCE	Computer language: W1003 (3) or W1004 (3) or W1007 (3) any semester			
PHYSICAL EDUCATION	C1001 (1)	C1002 (1)		
GATEWAY LAB	E1102 and E1112 (4) either semester			

1. May substitute Physics Lab C1493 (3), C1494 (3), or W3081 (2)

2. May substitute Biology W2001 or higher

MECHANICAL ENGINEERING PROGRAM: THIRD AND FOURTH YEARS				
	SEMESTER V	SEMESTER VI	SEMESTER VII	SEMESTER VIII
REQUIRED TECHNICAL COURSES	MECE E3018 (3) Lab I ³ MECE E3100 (3) Fluids I MECE E3301 (3) Thermodynamics	MECE E3028 (3) Lab II ³ MECE E3311 (3) Heat Transfer MECE E4608 (3) Manufacturing proc.	MECE E3038 (3) Lab III ³ MECE E3409 (3) CAD MECE E3601 (3) Classical control sys.	MECE E3410 (4) Design
REQUIRED NONTECHNICAL COURSES	HUMA C1121 or C1123 (3)	ECON W1105 (4) and W1155 recitation (0)		
TECHNICAL ELECTIVES		3 points	3 points	6 points
ELECTIVES	3 points		3 points	6 points
TOTAL POINTS	15	16	15	16

³ In 2004-2005 this lab sequence starts in Semester VI