MECHANICAL ENGINEERING SAMPLE CURRICULUM SCHEDULE

Shown below is an example of a schedule of courses that leads to a B.S. in Mechanical Engineering in four years. It satisfies all of the relevant course prerequisites and the Mechanical Engineering degree requirements.

FIRST TERM		SECOND TERM			
$\mathbf{Subject}$		$\operatorname{Credits}$	Subject		Credits
CHEM0960	Gen. Chem. for Engr. 1	3	CHEM0970	Gen. Chem. for Engr. 2	3
MATH0220	Anal. Geometry & Calc. 1	4	MATH0230	Anal. Geometry & Calc. 2	4
PHYS0174	Phys. for Sci. & Engr. 1	4	PHYS0175	Phys. for Sci. & Engr. 2	4
ENGR0011	Intro. to Engr. Analysis	3	ENGR0012	Engr. Computing	3
	Humanity/Soc. Sci. Elective	3		Humanity/Soc. Sci. Elective	3
ENGR0081	Freshman Seminar	_0_	ENGR0082	Freshman Seminar	_0_
		$\overline{17}$			$\overline{17}$
THIRD TERM		FOURTH TERM			
Subject		Credits	Subject		Credits
MATH0240	Anal. Geometry & Calc. 3	4	MATH0290	Differential Equations	3
MATH0280	Matrices & Linear Algebra	3	ENGR0145	Statics & Mech. Mater. 2	3
ENGR0022	Mater. Struct. & Properties	3	MEMS0031	Electrical Circuits	3
ENGR0135	Statics & Mech. Mater. 1	3	MEMS0051	Intro. to Thermodynamics	3
MEMS0024	Intro. to ME Design	3	MEMS1015	Rigid-Body Dynamics	3
MEMS1085	Departmental Seminar	0_	WILMSTOIG	Communication Skills Election	
111211131000	Dopar illionical Scillings	$\frac{3}{16}$	MEMS1085	Departmental Seminar	_0_
		10	WILINIDIOOO	Departmental Seminal	$\frac{8}{18}$
FIFTH TE	$\mathbf{R}\mathbf{M}$		SIXTH TE	$\mathbf{R}\mathbf{M}$	
FIFTH TE		$\operatorname{Credits}$	SIXTH TE Subject		$\mathbf{Credits}$
		$\begin{array}{c} \textbf{Credits} \\ 3 \end{array}$			$\begin{array}{c} \textbf{Credits} \\ 3 \end{array}$
Subject		3 3	Subject		
Subject MEMS0071	Intro. to Fluid Mechanics	3	Subject MEMS0040	Materials & Manufacturing	3
Subject MEMS0071 MEMS1014	Intro. to Fluid Mechanics Dynamic Systems Mechanical Design 1 Open Elective	3 3 3 3	Subject MEMS0040 MEMS1029	Materials & Manufacturing Mechanical Design 2	3 3 3 3
Subject MEMS0071 MEMS1014	Intro. to Fluid Mechanics Dynamic Systems Mechanical Design 1	3 3 3	Subject MEMS0040 MEMS1029	Materials & Manufacturing Mechanical Design 2 Mechanical Measurements 1	3 3 3 3
Subject MEMS0071 MEMS1014	Intro. to Fluid Mechanics Dynamic Systems Mechanical Design 1 Open Elective	3 3 3 3	Subject MEMS0040 MEMS1029	Materials & Manufacturing Mechanical Design 2 Mechanical Measurements 1 Engineering Elective	3 3 3 3
Subject MEMS0071 MEMS1014 MEMS1028	Intro. to Fluid Mechanics Dynamic Systems Mechanical Design 1 Open Elective Humanity/Soc. Sci. Elective	3 3 3 3	Subject MEMS0040 MEMS1029 MEMS1041	Materials & Manufacturing Mechanical Design 2 Mechanical Measurements 1 Engineering Elective Humanity/Soc. Sci. Elective	3 3 3 3 3
Subject MEMS0071 MEMS1014 MEMS1028 MEMS1085	Intro. to Fluid Mechanics Dynamic Systems Mechanical Design 1 Open Elective Humanity/Soc. Sci. Elective Departmental Seminar	3 3 3 3 0	MEMS0040 MEMS1029 MEMS1041 MEMS1085	Materials & Manufacturing Mechanical Design 2 Mechanical Measurements 1 Engineering Elective Humanity/Soc. Sci. Elective Departmental Seminar	3 3 3 3 0
Subject MEMS0071 MEMS1014 MEMS1028 MEMS1085 SEVENTH	Intro. to Fluid Mechanics Dynamic Systems Mechanical Design 1 Open Elective Humanity/Soc. Sci. Elective Departmental Seminar TERM	3 3 3 3 0	MEMS0040 MEMS1029 MEMS1041 MEMS1085	Materials & Manufacturing Mechanical Design 2 Mechanical Measurements 1 Engineering Elective Humanity/Soc. Sci. Elective Departmental Seminar	3 3 3 3 0
Subject MEMS0071 MEMS1014 MEMS1028 MEMS1085 SEVENTH Subject	Intro. to Fluid Mechanics Dynamic Systems Mechanical Design 1 Open Elective Humanity/Soc. Sci. Elective Departmental Seminar TERM	3 3 3 3 0 15	MEMS1029 MEMS1041 MEMS1085 MEMS1085	Materials & Manufacturing Mechanical Design 2 Mechanical Measurements 1 Engineering Elective Humanity/Soc. Sci. Elective Departmental Seminar	3 3 3 3 0 15 Credits
Subject MEMS0071 MEMS1014 MEMS1028 MEMS1085 SEVENTH	Intro. to Fluid Mechanics Dynamic Systems Mechanical Design 1 Open Elective Humanity/Soc. Sci. Elective Departmental Seminar TERM	$ \begin{array}{c} 3 \\ 3 \\ 3 \\ 3 \\ 0 \\ \hline 15 \end{array} $	MEMS0040 MEMS1029 MEMS1041 MEMS1085	Materials & Manufacturing Mechanical Design 2 Mechanical Measurements 1 Engineering Elective Humanity/Soc. Sci. Elective Departmental Seminar	3 3 3 3 0 15
Subject MEMS0071 MEMS1014 MEMS1028 MEMS1085 SEVENTH Subject MEMS1042	Intro. to Fluid Mechanics Dynamic Systems Mechanical Design 1 Open Elective Humanity/Soc. Sci. Elective Departmental Seminar TERM Mechanical Measurements 2	$\begin{matrix} 3\\3\\3\\3\\0\\15\end{matrix}$ Credits	MEMS1029 MEMS1041 MEMS1085 MEMS1085	Materials & Manufacturing Mechanical Design 2 Mechanical Measurements 1 Engineering Elective Humanity/Soc. Sci. Elective Departmental Seminar TERM Senior Design Project	3 3 3 3 3 0 15 Credits 3
Subject MEMS0071 MEMS1014 MEMS1028 MEMS1085 SEVENTH Subject MEMS1042	Intro. to Fluid Mechanics Dynamic Systems Mechanical Design 1 Open Elective Humanity/Soc. Sci. Elective Departmental Seminar TERM Mechanical Measurements 2 Heat and Mass Transfer ME Technical Elective	$\begin{array}{c} 3 \\ 3 \\ 3 \\ 3 \\ \hline 3 \\ 0 \\ \hline 15 \\ \end{array}$	MEMS1029 MEMS1041 MEMS1085 MEMS1085	Materials & Manufacturing Mechanical Design 2 Mechanical Measurements 1 Engineering Elective Humanity/Soc. Sci. Elective Departmental Seminar FERM Senior Design Project ME Technical Elective	$\begin{array}{c} 3 \\ 3 \\ 3 \\ 3 \\ \hline 3 \\ 0 \\ \hline 15 \\ \end{array}$
Subject MEMS0071 MEMS1014 MEMS1028 MEMS1085 SEVENTH Subject MEMS1042	Intro. to Fluid Mechanics Dynamic Systems Mechanical Design 1 Open Elective Humanity/Soc. Sci. Elective Departmental Seminar TERM Mechanical Measurements 2 Heat and Mass Transfer ME Technical Elective Dynamic Systems Elective	3 3 3 3 0 15 Credits 3 3 3 3	MEMS1029 MEMS1041 MEMS1085 MEMS1085	Materials & Manufacturing Mechanical Design 2 Mechanical Measurements 1 Engineering Elective Humanity/Soc. Sci. Elective Departmental Seminar FERM Senior Design Project ME Technical Elective ME Technical Elective ME Technical Elective	3 3 3 3 3 0 15 Credits 3 3 3 3 3
Subject MEMS0071 MEMS1014 MEMS1028 MEMS1085 SEVENTH Subject MEMS1042 MEMS1042	Intro. to Fluid Mechanics Dynamic Systems Mechanical Design 1 Open Elective Humanity/Soc. Sci. Elective Departmental Seminar TERM Mechanical Measurements 2 Heat and Mass Transfer ME Technical Elective Dynamic Systems Elective Humanity/Soc. Sci. Elective	3 3 3 3 0 15 Credits 3 3 3 3 3 3 3 3 3	Subject MEMS0040 MEMS1029 MEMS1041 MEMS1085 EIGHTH 7 Subject MEMS1043	Materials & Manufacturing Mechanical Design 2 Mechanical Measurements 1 Engineering Elective Humanity/Soc. Sci. Elective Departmental Seminar TERM Senior Design Project ME Technical Elective ME Technical Elective ME Technical Elective Humanity/Soc. Sci. Elective	3 3 3 3 3 0 15 Credits 3 3 3 3 3 3 3 3 3
Subject MEMS0071 MEMS1014 MEMS1028 MEMS1085 SEVENTH Subject MEMS1042	Intro. to Fluid Mechanics Dynamic Systems Mechanical Design 1 Open Elective Humanity/Soc. Sci. Elective Departmental Seminar TERM Mechanical Measurements 2 Heat and Mass Transfer ME Technical Elective Dynamic Systems Elective	3 3 3 3 0 15 Credits 3 3 3 3 3 3	MEMS1029 MEMS1041 MEMS1085 MEMS1085	Materials & Manufacturing Mechanical Design 2 Mechanical Measurements 1 Engineering Elective Humanity/Soc. Sci. Elective Departmental Seminar FERM Senior Design Project ME Technical Elective ME Technical Elective ME Technical Elective	3 3 3 3 3 0 15 Credits 3 3 3 3 3