

Department of Mechanical Engineering, IIT Bombay
TIMETABLE FOR SPRING SEMESTER 2007
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| Course No. | Course Name | Room No. | Instructor |
|---------------|---|----------|-------------------|
| SLOT 1 | 1A (M 8.30-9.25), 1B (Tu 10.35-11.30) 1C (F – 9.30-10.25) | | |
| EE 002 | Principles of electrical engineering | 217 | KG |
| EN 402 | Introduction to energy engineering | 205 | RB |
| EN 607 | Energy Management | 207 | AG |
| IE 710 | O.R. Applications in Service and Infrastructure | 307 | NR |
| ME 326 | Dynamics of machines | 211 | PS |
| ME 615 | Machinery Vibration and Diagnostics | 208 | DNM |
| ME 662 | Convective heat and mass transfer | 306 | AWD |
| SLOT 2 | 2A (M 9.30-10.25), 2B (Tu 11.35-12.30) ,2C (W 8.30-9.25) | | |
| EN 634 | Nuclear reactor thermo-hydraulics and safety | 306 | AKS |
| ME 150 | Thermodynamics | IC-4 | UNG/UVB |
| ME 208 | Measurements | 211 /207 | RPV/SVP |
| ME 350 | Refrigeration and Air-conditioning | 208 | SLB/MA |
| ME 358 | Mechatronics - I | 205 | SS |
| ME 756 | Numerical modeling of manufacturing processes | 307 | AD |
| SLOT 3 | 3A (Tu 8.30-9.25), 3B (Th 11.35-12.30), 3C (F 10.35-11.30) | | |
| EN 642 | Power generation and system planning | 207 | SB |
| ME 204 | Fluid Mechanics – II | 217 | BPP/SVP |
| ME 352 | Design Methodology | 211 | HH/MSCB |
| ME 402 | Mechatronics – II | 205 | PSG |
| ME 602 | Fatigue, Fracture and Failure Analysis | 305 | DNP |
| SLOT 4 | 4A (Tu 9.30-10.25), 4B (Th 10.35-11.30), 4C (F 8.30-9.25) | | |
| EN 616 | Direct energy conversion | 205 | CSS |
| EN 646 | Energy and Climate | 305 | A. Rao (CTARA) |
| ME 210 | Heat Transfer | 217 | KNI/AWD |
| ME 356 | Mechanization | 208 | CA/BS |
| ME 606 | Computer Aided Design of Machines | 211 | KKI |
| ME 684 | Air-conditioning system Design | 207 | SLB |
| ME 705 | Fundamentals of metal forming processes | 307 | PPD |
| SLOT 5 | 5A (M 10.35-11.30), 5B (W 9.30-10.25), 5C (Th 9.30-10.25) | | |
| HS 202/204 | Introduction to philosophy/literature | 217 | |
| ME 338 | Manufacturing processes – II | 211 | KPK |
| ME 406 | Steam and Gas Turbines | 305 | UNG/RPV |
| ME 456 | Automobile Engineering | 207 | MSCB/KKI |
| ME 616 | Fracture mechanics | 205 | SKM |
| ME 714 | CIM | 208 | NRK |
| SLOT 6 | 6A (M 11.35-12.30), 6B (Th 8.30-9.25), 6C (F 11.35-12.30) | | |
| IE 642 | Engineering Economic Analysis | 207 | ASB |
| ME 202 | Strength of materials | 217 | HRS |
| ME 220 | Theory of machines and machine design (for Met. Engg) | Met | BS |
| ME 360 | Power plant engineering | 211 | UVB/BPP |
| ME 478 | Management principles and practice | 205 | SDJ |

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| Course No. | Course Name | Room No. | Instructor |
|----------------|---|----------|-------------|
| SLOT 12 | 12A (M 17.10-18.30), 12B (Th 17.10-18.30) | | |
| ME 758/410 | Microfluidics | 306 | SM |
| ME 618 | Pressure vessel design | 211 | VGU |
| SLOT 13 | 13A (M 18.40-20.00), 13B (Th 18.40-20.00) | | |
| IE 714 | Quantitative Models for Supply chain management | 208 | JV |
| ME 750 | Sheet metal engineering | 205 | PPD |
| ME 754 | Textile machinery design and automation | 211 | AGH |
| SLOT 14 | 14A (Tu 17.10-18.30), 14B (F 17.10-18.30) | | |
| EN 615 | Wind energy conversion | 306 | SBK |
| IE 647 | Applied Integer Programming | 305 | PGA |
| ME 415 | CFD and HT | CDEEP | AS/AWD |
| ME 676 | Collaborative engineering | 207 | BR |
| SLOT 15 | 15A (Tu 18.40-20.00), 15B (F 18.40-20.00) | | |
| ME 342 | Computational methods in engineering | 211 | JBD |
| ME 623 | Cryogenic Engineering II | 306 | MA |
| SLOT 16 | (W 10.30 – 12.30) | | |
| HS699 | Communication Skills | | |
| SLOT 17 | 17A (M 14.00-15.20), 17B (Th 14.00-15.20) | | |
| IE 702 | Neural networks and fuzzy systems | 211 | PGA |
| ME 610 | Applied tribology | 305 | HH |
| ME 724 | Essentials of Turbulence | 306 | AA |
| ME 730 | Ultra-precision machining | 307 | SSJ |
| SLOT 18 | 18 A (M 15.30-16.50), 18 B (Th 15.30-16.50) | | |
| ES 403 | Environmental sciences | LT | |
| SLOT 19 | 19 A (Tu 14.00-15.20), 19 B (Fr 15.30-16.50) | | |
| EN 632 | Waste to energy | 217 | AG |
| IE 646 | Quality Engineering and Management Systems | 208 | Faculty/ASB |
| ME 348 | Computer aided solutions | 211 | VGU |
| ME 712 | CNC and programming | 207 | SSP |
| SLOT 20 | 20 A (Tu 15.30-16.50), 20 B (Fr 14.00-15.20) | | |
| EN 604 | Fuel cells | 305 | PCG/MN |
| ME 336 | Introduction to CAD/CAM | 217 | BR |
| ME 678 | Fundamentals of Gas dynamics | 306 | BPP/UVB |

LABORATORY SCHEDULE

L1 (M 14.00-17.00);L2 (Tu 14.00-17.00);L3 (Th 14.00-17.00);L4 (F 14.00-17.00);L5 (W 14.00-17.00); L6 (W 9.30-12.30);L7 (W 10.30-12.30)

| Course No. | Course Name | Slot | Location | Instructor |
|------------|---------------------------|----------------|----------|-----------------|
| ME 112 | Workshop practice – II | L1, L2, L3, L4 | WS | AD, IHB/ABA |
| ME 118 | Engineering drawing | L1, L2, L3, L4 | Lab | KNG |
| ME 212/216 | Measurements | L2, L4 | Lab | RPV/SVP/USP/SSJ |
| ME 334 | Experimental Engg- II | L1,L3 | Lab | UVB/BPP/PPD/AD |
| ME 364 | Mechatronics Lab – I | L1, L3 | Lab | SS |
| ME 404 | Mechatronics Lab – II | L2 | Lab | PSG |
| ME 409 | Intelligent Mfg Sys Lab | L4 | Lab | SSP/PPD/AD/PGA |
| ME 412 | CFDHT lab | L5 | Lab | AS/AA |
| ME 492 | Design Project – II | L7 | Lab | CA |
| EN 612 | Non-conv. En. systems lab | L1 | Lab | SBK/CSS |

ME 112 (M 10.35-11.30), (W 9.30-10.30), (W 11.35-12.30), (Th 9.30-10.35) - IC1

ME 118 (M 10.35-11.30), (W 9.30-10.30), (W 11.35-12.30), (Th 9.30-10.35) - IC2