

**Course:** ME 430 Power Engineering (3cr)  
**Prerequisite:** ME 200  
**Instructor:** R. Nalim, Ph.D.  
([mnalim@iupui.edu](mailto:mnalim@iupui.edu))  
**Days & Time:** Tues/Thurs, 3:00-4:15 pm, SL 150

**Course:** ME 450 Computer Aided Engineering Analysis (3cr)  
**Prerequisite:** ME 262, ME 272, and Math 262  
**Instructor:** K. Nema, Ph.D.  
([knematol@iupui.edu](mailto:knematol@iupui.edu))  
**Days & Time:** Mon/Wed, 6:10-7:25 pm, ET 019, ET 224

**Course:** ME 491 Engineering Project (1-2cr)  
**Prerequisite:** Senior standing & consent of a Faculty sponsor  
**Instructor:** ME Faculty  
**Days & Time:** Independent Project Course

**Course:** ME 505 Intermediate Heat Transfer (3cr)  
**Prerequisite:** ME 314 or Graduate standing  
**Instructor:** Sivakumar Krishnan, Ph.D.  
([sskris@iupui.edu](mailto:sskris@iupui.edu))  
**Days & Time:** Tues/Thurs, 6:00-7:15 pm, SL 150

**Course:** ME 550 Advanced Stress Analysis (3cr)  
**Prerequisite:** ME 272 & MATH 262 or Graduate standing  
**Instructor:** Jie Chen, Ph.D.  
([jchen3@iupui.edu](mailto:jchen3@iupui.edu))  
**Days & Time:** Mon/Wed, 7:30-8:45 pm, SL 109

**Course:** ME 551 Finite Element Analysis I (3cr)  
**Prerequisite:** Senior or Graduate standing  
**Instructor:** Hasan U. Akay, Ph.D.  
([hakay@iupui.edu](mailto:hakay@iupui.edu))  
**Days & Time:** Mon/Wed, 6:00-7:15 pm, SL 150

**Course:** ME 558 Composite Materials (3cr)  
**Prerequisite:** ME 272 or Graduate standing  
**Instructor:** Alan Jones, Ph.D.  
([alsjones@iupui.edu](mailto:alsjones@iupui.edu))  
**Days & Time:** Mon/Wed, 4:30-5:45 pm, SL 150

**Course:** ME 563 Mechanical Vibrations (3cr)  
**Prerequisite:** ME 274 or Graduate standing  
**Instructor:** Sohail Anwar, Ph.D.  
([soanwar@iupui.edu](mailto:soanwar@iupui.edu))  
**Days & Time:** Tues/Thurs, 4:30-5:45 pm, SL 208

**Course:** ME 565 Vehicle Dynamics (3cr)  
**Prerequisite:** Senior or Graduate standing  
**Instructor:** John Starkey, Ph.D.  
**Days & Time:** Offered from Purdue University, West Lafayette via videostreaming

**Course:** ME 571 Reliability-based Design (3cr)  
**Prerequisite:** Senior or Graduate standing  
**Instructor:** Ganesh Subbarayan, Ph.D.  
**Days & Time:** Offered from Purdue University, West Lafayette via videostreaming

**Course:** ME 597 ME Graduate Seminars (0cr)  
**Prerequisite:** Senior or Graduate standing  
**Instructor:** Hasan U. Akay, Ph.D.  
([hakay@iupui.edu](mailto:hakay@iupui.edu))  
**Days & Time:** Thurs, 11:00-12:00 pm, SL 165

**Course:** ME 597 Mechanical Engineering Projects I (3cr)  
**Prerequisite:** Graduate standing  
**Instructor:** ME Graduate Faculty  
**Days & Time:** Independent Project Course

**Course:** ME 614 Computational Fluid Dynamics (3cr)  
**Prerequisite:** ME 509/ME 510 or equivalent or Graduate standing  
**Instructor:** Akin Ecer, Ph.D.  
([aecer@iupui.edu](mailto:aecer@iupui.edu))  
**Days & Time:** Mon/Wed, 4:30-5:45 pm, SL 108