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| **Department Electives 2018-2019** | | | | |
| **Fall 2018** | |  |  | |
| **CHEM 109A (4)** | **Organic Chemistry** | | | **Staff** |
| **ECE 147A (5)** | **Control Systems** | | | **Teel** |
| **ENGR 101** | **Ethics in Engineering** | | | **Staff** |
| **MATRL 100A** | **Structure and Properties 1** | | | **Staff** |
| **ME 112** | **Energy** | | | **Matthys** |
| **ME 125/225 IB** | **Defects in Engineering Materials** | | | **Beyerlein** |
| **ME 128** | **Design of Medical Devices** | | | **Laguette** |
| **ME 155B** | **Control Systems Design** | | | **Bamieh** |
| **ME 157/257** | **Introduction to Multiphysics Simulations** | | | **Meinhart** |
| **ME 167** | **Structural Analysis** | | | **Yang** |
| **ME 179D** | **Intro to Robotics: Dynamics** | | | **Byl** |
| **ME 179L** | **Intro to Robotics: Design Lab** | | | **Dahlen** |
| **TMP 120 (4)** | **Business Strategy & Leadership Skills** | | | **Staff** |
| **TMP 122 (4)** | **New Venture Creation: Entrepreneurship** | | | **Staff** |
| **Winter 2019** |  | | |  |
| **CHEM 109A (4)** | **Organic Chemistry** | | | **Staff** |
| **ECE 147B** | **Digital Control Systems- Theory and Design** | | | **Byl** |
| **ENGR 101** | **Ethics in Engineering** | | | **Staff** |
| **ME 102** | **Finite Elements Analysis of Heat Transfer and Fluid Flow** | | | **Matthys** |
| **ME 125EH** | **Special Topics TBA** | | | **Hawkes** |
| **ME 125LP** | **Intro to Design Optimization** | | | **Meinhart/Petzold** |
| **ME 125/ 225DS** | **Special Topics TBA** | | | **Daly** |
| **ME 147** | **LabView and Mechatronics** | | | **Hare** |
| **ME/ECE 179P** | **Intro to Robotics: Planning & Kinematics** | | | **Bullo** |
| **ME/MATRL 186A** | **Manufacturing & Materials** | | | **Levi** |
| **TMP 120 (4)** | **Business Strategy & Leadership Skills** | | | **Staff** |
| **Spring 2019** |  | | |  |
| **CHEM 109A (4)** | **Organic Chemistry** | | | **Staff** |
| **ECE 147C** | **Control Sys Design Project** | | | **Mostofi** |
| **ENGR 101** | **Ethics in Engineering** | | | **Staff** |
| **ENV S 105 (4)** | **Solar and Renewable Energy** | | | **Staff** |
| **MATRL 100C** | **Fundamentals of Structural Evolution** | | | **Levi** |
| **ME 125/225 AS** | **Special Topics TBA** | | | **Sauret** |
| **ME 125 BL** | **Special Topics in Adv Thermosciences** | | | **Liao** |
| **ME 125/ 225 PL** | **Wind and Tidal Energy Extraction** | | | **Luzzato-Fegis** |
| **ME 125 TB** | **Special Topics TBA** | | | **Bennett** |
| **ME 146/246** | **Molecular and Cellular Biomechanics** | | | **Valentine** |
| **ME 155C (Same as ECE 147C)** | **Control Sys Design Project** | | | **Mostofi** |
| **ME 166** | **Advanced Strength of Materials** | | | **Daly** |
| **ME W 167 (SAME AS ME 167)** | **(ONLINE) Structural Analysis** | | | **Yang** |
| **ME 169** | **Nonlinear Phenomena** | | | **TBA** |
| **ME/MATRL 186B** | **Introduction to Additive Manufacturing** | | | **Begley** |
| **TMP 120 (4)** | **Business Strategy & Leadership Skills** | | | **Staff** |
| **TMP 122 (4)** | **New Venture Creation: Entrepreneurship** | | | **Staff** |