###### AENG 120 Tentative Spring 2023 Schedule Ver. I Wright

|  |  |
| --- | --- |
| **Week of** | **M/W 10:00am-12:05pm** |
| **1****1/16** | **Monday: No Class - Holiday**Course IntroductionSafety Review |
| **2****1/23** | Intro to Energy LectureFossil Fuels LectureRenewable Energy LectureRenewable Energy Video (50min) |
| **3****1/30** | Solar Energy LectureNuclear Energy Lecture*Lab 1 Solar & Wind (Act 1 & 3)* |
| **4****2/6** | Atoms for Peace Video (57min)*Lab 1 Solar & Wind (Act 2)***Wednesday: No Class – Instructor Ill** |
| **5****2/13** | Energy Conservation Lecture Energy Audit Lecture 1 (Hot Water BTU Calculations)Energy Audit Lecture 2 (Infiltration, conduction, etc.)*Lab 2 Infiltration & Thermographic Imaging (Act 4 & 5)* |
| **6****2/20** | **Monday: Labs 1 & 2 Due (Submit Lab Books)**Monday: Open Lab**Wednesday: Exam I** |
| **7****2/27** | The Current War Video (103min)Intro to Electronic/Electrical Power Lecture |
| **8****3/6** | No Class – Spring Break  |
| **9****3/13** | *Lab 3 DC Electronic Circuits**Lab 4 Control Logic* |
| **10****3/20** | *Lab 5 AC Electrical Circuits* |
| **11****3/27** | ***Monday: Residential Energy Audit is Due***Mechanical Advantage & Efficiency LectureIntro to Fluidics Lecture*Lab 6 Mechanical Advantage**Lab 7 Fluid Power* |
| **12****4/3** | *Lab 6 Mechanical Advantage**Lab 7 Fluid Power* |
| **13****4/10** | *Lab 6 Mechanical Advantage**Lab 7 Fluid Power***Wednesday: Lab 3-7 Due (Submit Lab Books by end-of-class)** |
| **14****4/17** | Intro to Programming & Robotics Lecture**Wednesday: No Class – Instructor Ill** |
| **15****4/24** | *Lab 8 Mobile Robots* |
| **Finals Week** | **Monday (Regular Class Day – Lab 8 Due)****Thursday 5/4 8-10:00am: Exam II** |