EGN 1935: ECE (Ad)Ventures

Week 15 — Tues, 22Apr14

• Today:
  > Competition Presentations and Awards (in MAEB 229)

• Next Week:
  > Semester is over!

EGN 1935: ECE (Ad)Ventures

Week 14 — M-F, 15Apr14

• This Week:
  > No lecture; no lab!!!
  > Create your presentation

• Next Week:
  > Lecture on Tues, 22 Apr, in MAEB 229
    – Competition Presentations and Awards
EGN 1935: ECE (Ad)Ventures
Week 13 — T&R, 6&8Apr14

• This Week:
  > Lab 6 (as assigned) in NSC 407
    – Tues, 6 Apr, periods 6-7 (Josh)
    – Tues, 6 Apr, periods 8-9 (Josh)
    – Thur, 8 Apr, periods 11-E1 (Mason)

• Next Week:
  > No lecture; no lab!!!

• In Two Weeks:
  > Lecture on Tues, 22 Apr, in MAEB 229
    – Competition Presentations and Awards

EGN 1935: ECE (Ad)Ventures
Week 12 — Tues, 1Apr14

• Today:
  > Lecture 6: Project, slides 1-…
  > Show & Tell
    – SubjuGator, PropaGator, NaviGator
      - SubjuGator_DiscoveryChannel.wmv
      - PropaGator_3D_4Sept14.PDF
      - [http://tinyurl.com/prop-playlist](http://tinyurl.com/prop-playlist)
        - Car_GoodMorningAmerica_10Mar08.mp4 (4:30)
  > Road Trip to MIL and CIMAR

• Next Week:
  > Lab 6 (as assigned) in NSC 407
    – Tues, 6 Apr, periods 6-7 (Josh)
    – Tues, 6 Apr, periods 8-9 (Josh)
    – Thur, 8 Apr, periods 11-E1 (Mason)

• Two Weeks:
  > No lecture; no lab!!!
EGN 1935: ECE (Ad)Ventures

Week 11 — T&R, 25&27Mar14

• This Week:
  > Lab 5 (as assigned) in NSC 407
    – Tues, 25 Mar, periods 6-7 (Josh)
    – Tues, 25 Mar, periods 8-9 (Josh)
    – Thur, 27 Mar, periods 11-E1 (Mason)
  > No lecture

• Next Week:
  > Lecture on Tues, 1 Apr, in MAEB 229

EGN 1935: ECE (Ad)Ventures

Week 10 — Tues, 18Mar14

• Today:
  > Lecture 5: Multiple Behaviors, Signals, Sound, slides 1-…
  > Show & Tell
    – MAVs
    – Quadcopters

• Next Week:
  > Lab 5 (as assigned) in NSC 407
    – Tues, 11 Mar, periods 6-7 (Josh)
    – Tues, 11 Mar, periods 8-9 (Josh)
    – Thur, 13 Mar, periods 11-E1 (Mason)
  > No lecture
EGN 1935: ECE (Ad)Ventures

Week 9 — T&R, 11&13Mar14

• This Week:
  > Lab 4 (as assigned) in NSC 407
    – Tues, 11 Mar, periods 6-7 (Josh)
    – Tues, 11 Mar, periods 8-9 (Josh)
    – Thur, 13 Mar, periods 11-E1 (Mason)

• Next Week:
  > Lecture on Tues, 18 Mar, in MAEB 229

EGN 1935: ECE (Ad)Ventures

Week 8 — Tues, 25Feb14

• Today:
  > Lecture 4: More on PWM, Motor Control, IRs, Simple Behaviors, slides 1-…
  > Show & Tell
    – Koolio

• Next Week:
  > Spring Break!!!

• In TWO Weeks:
  > Lab 4 (as assigned) in NSC 407
    – Tues, 11 Mar, periods 6-7 (Josh)
    – Tues, 11 Mar, periods 8-9 (Josh)
    – Thur, 13 Mar, periods 11-E1 (Mason)
  > No lecture
EGN 1935: ECE (Ad)Ventures

Week 7 — T&R, 18&20Feb14

• This Week:
  > Lab 3 (as assigned) in NSC 407
    – Tues, 18 Feb, periods 6-7 (Josh)
    – Tues, 18 Feb, periods 8-9 (Josh)
    – Thur, 20 Feb, periods 11-E1 (Mason)

• Next Week:
  > Lecture on Tues, 25 Feb, in MAEB 229

EGN 1935: ECE (Ad)Ventures

Week 6 — Tues, 11Feb14

• Today:
  > Lecture 3: Motors, Servos, PWM
    slides 1-...
  > Show & Tell:
    – Gnuman (Humanoid Robots)
    – InstiGator (Robot Lawnmowers)

• Next Week:
  > Lab 3 (as assigned) in NSC 407
    – Tues, 18 Feb, periods 6-7 (Josh)
    – Tues, 18 Feb, periods 8-9 (Josh)
    – Thur, 20 Feb, periods 11-E1 (Mason)

  > No lecture
EGN 1935: ECE (Ad)Ventures

Week 5 — T&R, 4&6Feb14

• This Week:
  > Lab 2 (as assigned) in NSC 407
    – Mon, 4 Feb, periods 6-7 (Josh)
    – Tue, 4 Feb, periods 8-9 (Josh)
    – Thur, 6 Feb, periods 11-E1 (Mason)

• Next Week:
  > Lecture on Tues, 11 Feb, in MAEB 229
EGN 1935: ECE (Ad)Ventures

Week 4 — Tue, 28Jan14

• Today:
  > Lecture 2: Power and Resistive Sensors, slides 1-…
  > Show & Tell
    – Beerbots; Hex Wheel and FastRunner

• Next Week:  
  > Lab 2 (as assigned) in NSC 407
    – Tues, 4 Feb, periods 6-7 (Josh)
    – Tues, 4 Feb, periods 8-9 (Josh)
    – Thur, 6 Feb, periods 11-E1 (Mason)
    – See website for “official lab time for each student”
  > No lecture

Week 3 — T&R, 21&23Jan14

• Web Site:
  > http://mil.ufl.edu/1935/

• This Week:
  > Lab 1 (as assigned) in NSC 407
    – Tues, 21 Jan, periods 6-7 (Josh)
    – Tues, 21 Jan, periods 8-9 (Josh)
    – Thur, 23 Jan, periods 11-E1 (Mason)
    – See website for “official lab time for each student”
  > No lecture

• Next Week:
  > Lecture on Tues, 28 Jan, in MAEB 229
EGN 1935: ECE (Ad)Ventures

Week 2 — Tue, 14Jan14

• Web site:
  > http://mil.ufl.edu/1935/
  > Handouts:

• Today:
  > Lecture 1: Fundamental Concepts, slides 1-…
  > Show & Tell: BirdBuggy and BirdBoat

• Next Week:
  > No lecture (i.e., no Tue class)
  > Lab 1 (as assigned) in NSC 407
    – Tues, 21 Jan, periods 6-7 (Josh)
    – Tues, 21 Jan, periods 8-9 (Josh)
    – Thur, 23 Jan, periods 11-E1 (Mason)
  > See website for “official lab time for each student”
    http://mil.ufl.edu/1935/admin/s14_lab_time.htm

Week 1 — Tue, 7Jan14

• Web site:
  > http://mil.ufl.edu/1935/
  > Handouts:
    – www: Syllabus
    – www: MIT 6.270 Book

• Today:
  > Lecture 0: Introduction, slides 1-…

• Next Week:
  > Lecture 1 on Tues, 14 Jan, in MAEB 229

• In 2 Weeks:
  > First lab in NSC 407 (Tues & Thur)