# EECS 373
## Design of Microprocessor-Based Systems
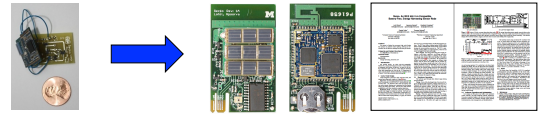
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Lecture 12: Midterm Return; Projects
Oct 21, 2014
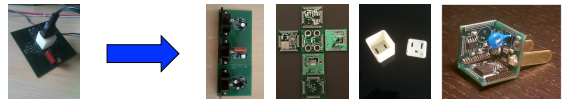
1

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## Sample projects from F'10 and their results

- Energy-harvesting sensors →
  Sensys demo, IPSN paper, TI project, Master's thesis



- Wireless AC Power Meter →
  SURE, IPSN demo, NSF GRFP, SenSys paper, Grad School



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## Research Projects for this Semester

- Fixture orientation detector
- LED Communications Channel
- Smart Irrigation
- Properly dimmable LED
- Eye-tracking eyeglasses
- Vibration Communications Channel

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## Midterm Statistics

- Mean: 80.6%        STDEV: 11.9%
- Median: 84%        High: 97%        Low: 35%
- Worst Problems: #5 (57.6%), #6 (62.6%), #7(76.7%)



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