Summary of this week

- This past week, we devoted our attention to learning about major BMS functions, preparing to develop BMS algorithms
  - What does a BMS need to do?
  - What are design considerations for BMS and battery-pack architecture?
  - We looked closely at BMS requirement 1: sensing and high-voltage control
    - What are the sensing requirements of a BMS, and how does it meet those requirements?
    - How does a BMS safely dis/connect pack from load?
    - What does BMS need to know about thermal management?

Where from here?

- Next week, we continue to learn about major BMS functions
  - Requirement 2: Protection
    - Against what? How?
  - Requirement 3: Interface
    - With what? How?
  - Requirement 4: Performance management
    - Includes introduction to SOC, SOH, total energy, and available power estimation
  - Requirement 5: Diagnostics

Credits

Credits for photos in this lesson

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