

(Strict, precision-focused)

Identify only those **credit-bearing academic courses, certificates, or CEU programs** that **explicitly teach battery science, operation, diagnostics, or manufacturing**.

Only include offerings that directly focus on topics such as:

- Battery chemistry, materials, or electrochemical energy storage
- Battery management systems (BMS) and embedded control systems
- SOC/SOH estimation, thermal runaway, or lifecycle analysis
- Battery modeling, simulation, or QA protocols
- Battery pack integration, anode/cathode design, or redox processes
- Solid-state or lithium-ion battery systems in a scientific or engineering context

Exclude all of the following:

- Courses that only mention batteries in passing
- General electronics, electrical maintenance, or circuit design
- Power systems or energy storage courses that are not specifically about batteries
- Any solar/battery hybrid content where batteries are secondary or not explicitly studied
- Any course or program focused on:
 - Electric vehicles (EVs)
 - EV systems, propulsion, integration, diagnostics, or infrastructure
 - Hybrid electric vehicles, smart mobility, or automotive battery systems

If the course or program does not clearly and specifically teach **battery-focused science or engineering**, it should not be included.