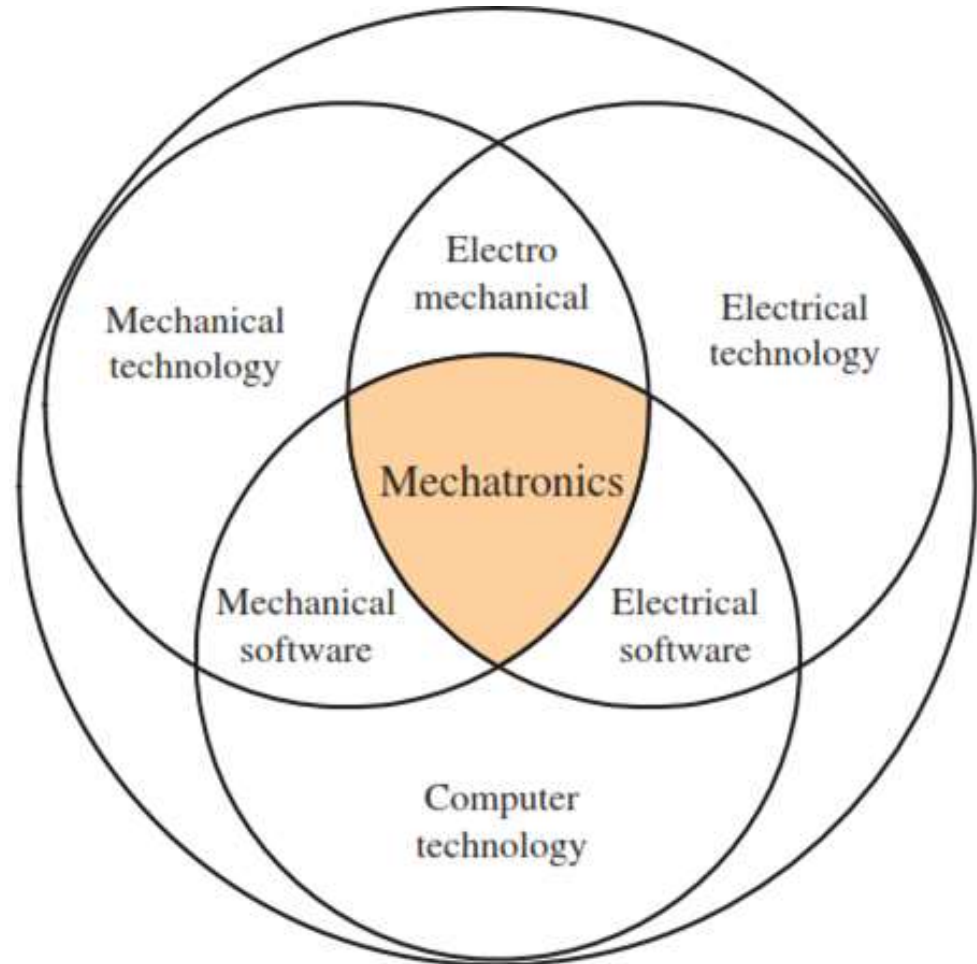




Mechatronics is the synergy between **Mechanical**, **Electronic**, and **Computer Engineering** to *build, develop, and maintain* smart products.

Mechatronics students take courses in various fields:

- Mechanical Engineering
- Electronics Engineering
- Electrical Engineering
- Computer Engineering
- Control Engineering





Mechatronics Applications (*build – develop – maintain*):



Industrial Robots



CNC Machines



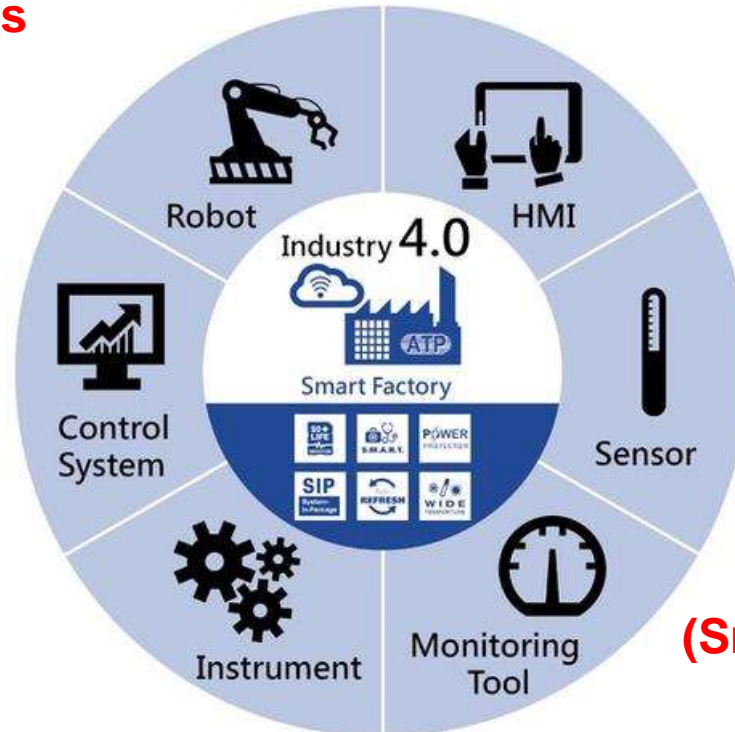
Hybrid and Electric Vehicles



Exoskeletons



Automated Production Lines



Industry 4.0 (Smart Factories)



Mechanical Engineers with concentration in Mechatronics may have one of the following Job titles:

- Control/Automation Engineer
- Instrumentation Engineer
- Monitoring/Diagnostics Engineer
- Hydraulic/Pneumatic Control Engineer
- Robotics Engineer

