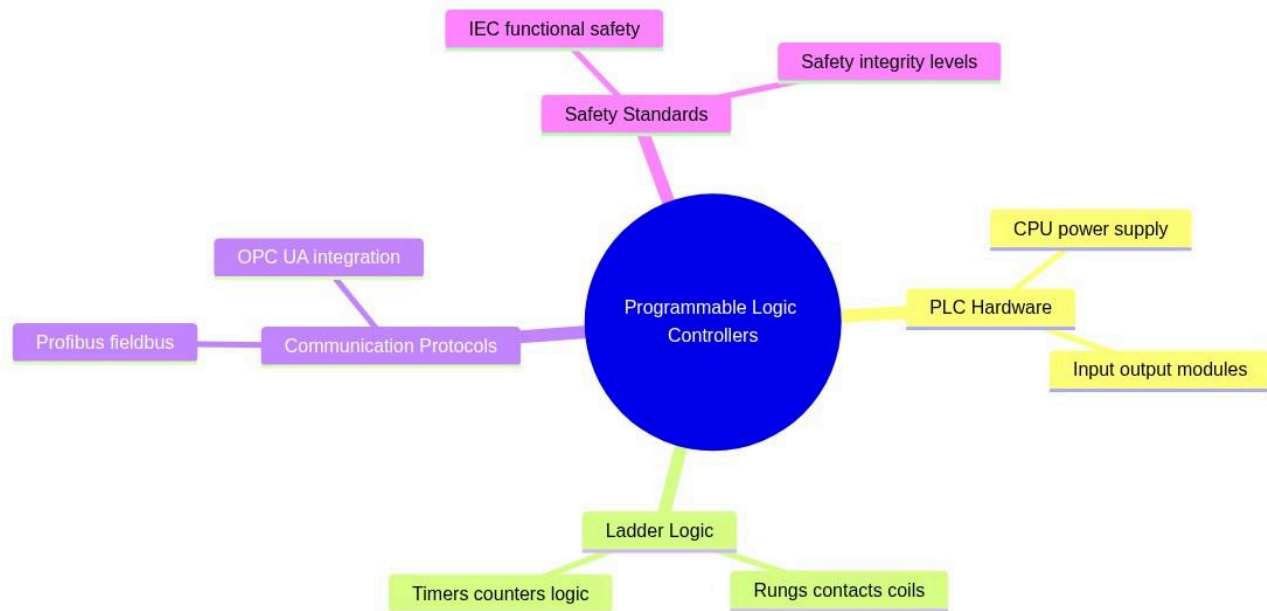


Undergraduate Certificate in Industrial Automation

Programmable Logic Controllers



mindmap

root((Programmable Logic Controllers))

PLC Hardware

CPU power supply

Input output modules

Ladder Logic

Rungs contacts coils

Timers counters logic

Communication Protocols

Profibus fieldbus

OPC UA integration

Safety Standards

IEC functional safety

Safety integrity levels