



APC Academy of Technology: Empowering Your Technical Future



Welcome to APC Academy of Technology. We provide professional development in power and automation. Explore cutting-edge training solutions. Empower your technical future with us.

At APC Academy of Technology, we specialize in delivering hands-on, real-world learning experiences within a safe, controlled, and technology-rich environment. Our courses are supported by cutting-edge software. Our team consists of industry professionals with decades of practical experience, ensuring you receive top-tier education and training to meet today's demands.

Bridging Education and Industry Needs

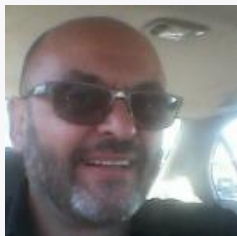
Industry-Aligned Curriculum Taught by Expert Instructors

Our curriculum meets real-world demands. Gain practical skills and knowledge taught by experienced industry professionals.



Kang Lin is an IT specialist and professional programmer with expertise in PLCs. He currently teaches Rockwell and Siemens programmable logic controllers at George Brown College and Seneca College.

With over ten years of experience in teaching Rockwell Automation Programming, Advanced HMI, Process Control, Distributed Control Systems, and Real-time Networking, Kang has built a solid educational background. Prior to his teaching career, he spent 20 years working as a Data Analyst, System Analyst, IT Specialist, and IT Manager.



Dr. Eduard Loiczli, P. Eng. is a Senior Electrical Engineer with more than 30 years of experience specializing in motors and drives. His notable achievements include the development of a High-Speed Magnetic Levitation System, a Vector Control System for streetcars and subways, and a Medium Voltage 4.16kV Drive for induction motors up to 4.5MW.

Power Engineering Courses

1

Electrical Power Systems

Learn the fundamentals of power systems. Design and analyze electrical networks.

2

Power Electronics

Study power conversion techniques. Work with inverters and converters.

3

Renewable Energy Integration

Integrate solar and wind power. Design sustainable energy solutions.

Key Courses Include:

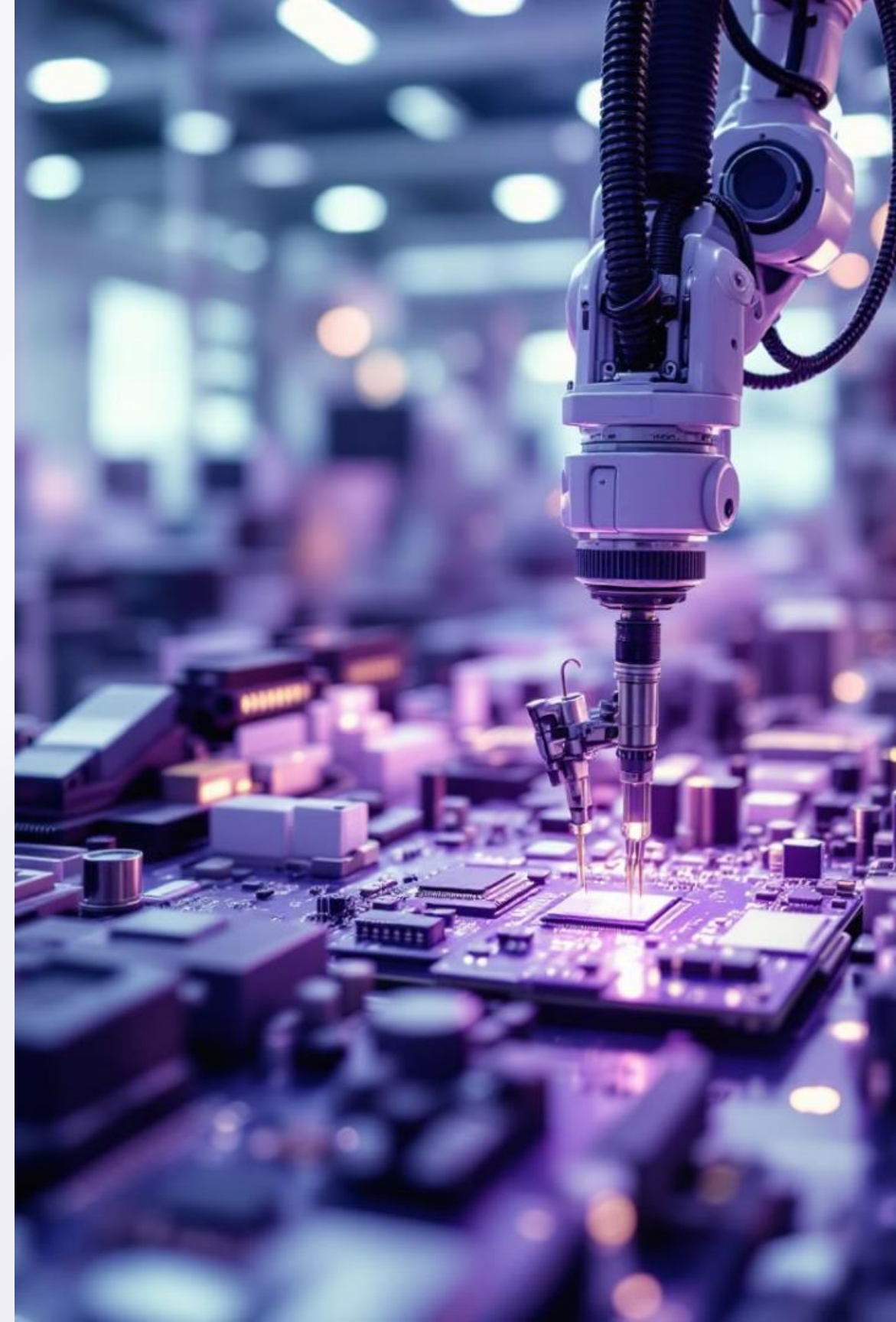
- ETAP Power Station 1, Load Flow; Short Circuit; Protection Coordination; ARC Flash Calculation
- ETAP Power Station 2, Dynamic Motor Start Study; Harmonics and Filters; Reactive Power and Voltage Control.
- Substations Design
- Relay Protection Coordination
- Variable Frequency Drives



Automation and PLC Engineering

Key Courses:

- Advanced Servo Control
- Allen-Bradley PLC 1
- Allen-Bradley PLC 2
- Automation Integration and Validation
- Distributed Control System
- Human-Machine Interface and View Anywhere Display
- Industrial Process Control
- Motor Control Basics



Course Categories and Certifications



Power Engineering

- ETAP Power System Design Certificate
- Electrical Power System Design Certificate
- Power System Protection Coordination Certificate



Automation Engineering

- Automation Integration Rockwell Certificate
- PLC Motion Control Certificate
- PLC Rockwell Certificate
- PLC SCADA Certificate





Flexible Learning Pathways

1

Online Courses

Study at your own pace. Access course materials anytime, anywhere.

2

Synchronous and Asynchronous Learning Options

Flexibility to choose the format that best suits your needs while maintaining the benefits of both, real-time interaction and structured learning.

Career Support

1

Industry Connections

Network with industry partners. Explore job opportunities.

2

Nuclear Industry

- [Tetra Tech - Global provider of high-end consulting and engineering services](#)
- [AtkinsRéalis](#)
- [Home – OPG](#)
- [Home - Bruce Power](#)
- [Morson Canada | Technical Recruiters Canada | Morson Canada](#)
- [Homepage | Sargent & Lundy](#)
- [Tundra Technical Solutions | Go Beyond](#)
- [GE Hitachi Nuclear Energy | GE Vernova](#)

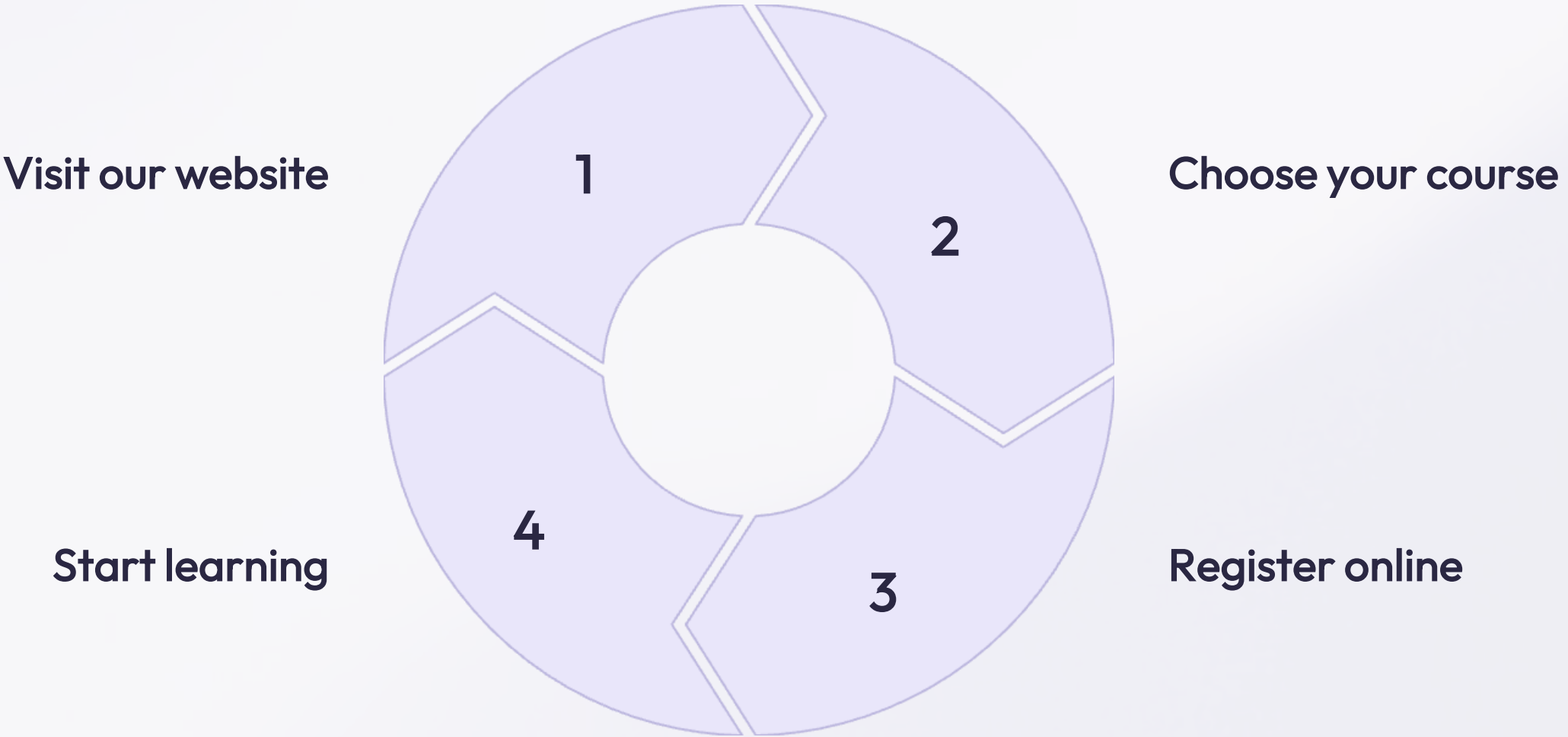
Other industries

- [Job Search Canada | Indeed](#)
- [Glassdoor | Job Search and Career Community](#)

3



Registration and Next Steps



Visit [APC Academy Online](#) to begin your journey. Select the courses that align with your goals. Register online to secure your spot. Start learning and transform your career.