

HIGHER EDUCATION



Architects • Engineers • Surveyors

Investing in today's education for a brighter future.

Pickering Associates' highly professional staff includes architects, engineers, surveyors, designers, and support personnel. Our sole focus is complete customer satisfaction. Our collaborative team specializes in project development, project management, and engineering services in the industrial, manufacturing, institutional, and commercial sectors.

A broad client base reflects our highly diversified approach to meeting the challenges of each project. By integrating our expertise in architecture, mechanical, civil, structural, and electrical engineering, and automation & controls with extensive experience in project management and safety inspection and training, we are able to bring innovative thinking to design and execution of every project. We also have a dedicated BIM specialists group to fulfill needs for schematics and diagrams for everything from electrical and piping systems to steel construction.

What sets us apart is our ability to conceptualize, plan, and deliver all phases of our clients' projects. Whether you are looking for small scale facility renovations or large scale new construction, Pickering Associates will bring state-of-the-art engineering, tools, and techniques to your project.

Project Management

- Project Management Professionals (PMP)
- Project Scope Definition & Development
- Budgeting & Scheduling
- Permitting

Architecture

- Master Planning and Feasibility Studies
- Code and ADA Compliance Reviews
- Full Service Architectural Design

Interior Design

- Space Planning and Renovation Design
- Material, Furniture and Fixture Selection
- On-site Coordination

Structural Engineering

- Foundation & Building Design
- Structural Inspections
- Structural Failure Forensic Analysis

Civil Engineering

- Site Layout & Grading
- Water/Sewer Layout & Design
- Pavement Design

Surveying

- Boundary and Topographic Surveys
- Aerial Topographic Surveys
- GIS and Mapping Services

Electrical Engineering

- Site Electrical Design
- Electrical System Analysis
- Fire Detection and Alarm

Mechanical Engineering

- Energy Modeling
- Heating, Ventilation, & Air Conditioning (HVAC)
- Steam, Hot Water, Chilled Water, and Plumbing

Environmental Science

- Phase I Environmental Site Assessments
- Mitigation Planning
- On-Site GPS Survey Grade Utility Mapping

Construction Administration

- On-Site Construction Observation
- Change Order Management
- Final Inspection & Punch List

Other Services

- 3D Scanning, Drafting, & Printing

Education Design

The term "Educational Facility" encompasses a diverse range of needs and requirements. Child development centers and elementary schools are fundamentally different than classrooms for high school students and buildings for higher education. Educational facilities are becoming increasingly specialized and the only common element is the need for a "space for teaching and learning". Today's technology is demanding a new look at design for every type of educational facility. Designers for educational facilities are challenged with creating a space that facilitates learning, while also taking in account concerns for the health and well-being of those using the building.

The design of educational facilities requires an understanding of the functional needs for students, staff, and administration, and should be designed to have a strong connection to the community in which they operate. These buildings should be inviting, comfortable, healthy, aesthetically pleasing, acoustically designed, ADA compliant, and most of all, safe. Some of the current strategies for educational design include: sustainable building materials, daylighting, low maintenance materials and systems, and the use of renewable energy sources.

We recognize that every educational client has specific needs and that every project is unique. We make every effort to understand our Client's needs, and the needs of all stakeholders involved with the project. We know the importance of designing cost-effective buildings and working within the guidelines of a set budget for our Clients. We are also aware of limited construction schedules for our Educational Clients who are concerned with maintaining operations year round, or have limited down-time to fit in a new project or renovation. Rest assured that we will assemble the design team that is right for your project and fully understand the anticipated scope, schedule and budget so your project is a success!



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We look forward to partnering with you.

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