



<b>Job Title</b>	Mechanical Engineer (Design and Construction)
<b>PVN ID</b>	VC-2210-005146
<b>Category</b>	Managerial and Professional
<b>Location</b>	OFFICE OF VC - FACILIT PLAN, CONSTRUC & MGMT
<b>Department</b>	Dept. of Design, Construction & Mgmt.
<b>Status</b>	Full Time
<b>Annual Salary</b>	\$90,000.00 - \$110,000.00
<b>Hour(s) a Week</b>	35
<b>Closing Date</b>	Aug 29, 2023 (Or Until Filled)

## General Description

---

As a member of the Engineering Group in the Office of Facilities Planning, Construction, and Management (FPCM), the Mechanical Engineer will play a vital role in the successful implementation of the multi-year and multi-billion-dollar design and construction program at CUNY's 25 campuses. The Mechanical Engineer will provide engineering services for all capital projects managed by the City University of New York (CUNY), New York Dormitory Authority (DASNY), and New York State Power Authority (NYPA). Specific duties include the following:

- Reviewing consultant design documents for conceptuality, constructability and accuracy.
- Issuing guidelines and procedures for projects in conformance with applicable codes and regulations.
- Preparing mechanical/HVAC standards and specifications and preventative maintenance procedures for HVAC/Mechanical Systems to be implemented by the campuses; and monitoring the implementation of such procedures.
- Determining cost estimates for projects as required.
- Providing management reports as required by the Director of Engineering.

## Other Duties

---

- Represent the Director of Engineering in conferences and meetings in his absence.
- Perform quality assurance site visits during construction phase and prepare report.
- Conduct research, perform diagnostics, and troubleshoot Mechanical/HVAC systems and equipment.
- Participate in conferences, events, and networking and learning opportunities.

## Qualifications

---

- Bachelor of Science or engineering degree in Mechanical Engineering (Master's degree preferred).
- Minimum of 5 years of experience in the design, analysis and troubleshooting of HVAC systems for higher education facilities, commercial and residential buildings; and familiarity with design of boilers, chillers, steam and hot water heating distribution systems (experience with New York State and/or New York City design and construction projects preferred).
- Experience with Computer Aided Design and proficiency with Microsoft Office software.
- Ability to review multiple design projects and meet deadlines.
- Excellent written and verbal communication; and good organizational and planning skills.