

Mechanical Engineer - PM
Old Dominion University

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Posted Sep. 9, 2024, set to expire Jan. 9, 2025

Job Title Mechanical Engineer - PM
Department PLANNING/ESTIMATING
Institution Old Dominion University
Norfolk, Virginia

Date Posted Sep. 9, 2024

Application Deadline Open until filled
Position Start Date Available immediately

Job Categories Professional Staff

Academic Field(s) Mechanical Engineering

Job Website <https://jobs.odu.edu/postings/21550>

Apply By Email

Job Description

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The mechanical engineer, a member of the Facilities Management Design & Construction Team, provides designs, analyses, project management and inspections and condition assessments. Duties include mechanical designs for minor renovations and HVAC projects including power and control systems. Design to include calculations, code analysis, preparation of sketches/ drawings, etc. This position will also be responsible for managing various design and construction projects as assigned along with assisting with facilities inspections and condition assessment

Knowledge, skills and abilities

- Thorough understanding of design criteria such as American Society of Heating, Refrigerating, and Air-Conditioning (ASHRAE), National Electrical Code (NEC), and other engineering

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standards and building codes. Possess strong communication skills, both verbal and written, with all University stakeholders. Proficient in Microsoft Office with ability to maintain databases as required.

- Demonstrated ability to prepare mechanical designs including engineering calculations and preparation of plans and specifications. Demonstrated ability to use Computer Aided Design software such as AutoCAD and/or Revit. Demonstrated ability to effectively communicate graphically and verbally with designers, engineers, contractors and shop mechanics and electricians. Demonstrated ability to manage numerous construction projects.
- Demonstrated ability to work well with others and project a professional image at all times.

Special licenses, registration or certification

Licensed in Virginia as a Professional Engineer, or licensed in another state and able to obtain Virginia licensure within 12 months of employment or Project Management Professional (PMP). Valid driver's license and insurable driving record.

Education or training

- BS in mechanical engineering / mechanical engineering technology or closely related discipline from an ABET accredited institution is required.
- Level and type of experience
- Extensive experience in design of mechanical systems and/or construction project management.
- Additional Considerations (supplemental knowledge, skills, abilities, education, experience, licensure, certification)
- Master's degree in mechanical engineering, construction management or a related discipline. Professional Engineer registration and/or Project Management Professional (PMP). Some experience in managing complex design and construction projects. Some experience working in scheduling software such as Primavera or MS Project. Some experience working in web-based project management software such as eBuilder, PCS or CoConstruct. 40 Hour OSHA Training Course. Some experience interacting with code officials in the Commonwealth of Virginia. Working proficiency in a range of Microsoft Office products including PowerPoint and Project. Experience in Higher Education.

Conditions of Employment

Facilities Management employees are considered essential personnel and subject to working during university closings.

This position is designated as sensitive. A fingerprint-based criminal history check will be required of

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the final candidate.

This is an open until filled recruitment. This recruitment may close after the five-day required posting period when a suitable pool of applicants has been generated.

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact

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