Mechanical Designer

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Office, Clerical and Technical
Position covered by the Collective Agreement with USW Local 4120

Mechanical Designer

Design, Engineering & Construction, Physical Resources

Temporary full-time until approximately May 3, 2019
Temporary absence of the regular incumbent

Hiring #: 2018-0024

Please read the Application Instructions [1] before applying

Reporting to the Manager of Mechanical Design, the Mechanical Designer is responsible for the design of mechanical building systems for new and retrofit projects. Systems involved include HVAC air distribution, hydronic heating, chilled water, domestic water and plumbing systems, steam and condensate, along with support systems for laboratory and research equipment.

Specific responsibilities include: interviewing users to fully understand their requirements; assessing building site conditions; using AutoCAD to produce working mechanical drawings that illustrate plan views, elevation view and details pertinent to the project; writing technical specifications, identifying equipment, materials and proper procedures necessary to complete the project; supporting all design variables with calculation notes based on standard engineering practices and principles while conforming to all government codes and standards; interacting with the supervisor and coordinating design with architectural and electrical designers; preparing bid packages; attending project planning meetings as required; responding to contractors’ and equipment suppliers’ queries; scheduling shut-downs as required; performing job site reviews; resolving design problems; reviewing completed mechanical installations, reporting deficiencies to the construction coordinator; preparing estimates for the mechanical portions of projects; troubleshooting; assisting with buried service locates; remaining current in the field, including updating technical skills; and performing other associated duties as assigned. Off-campus candidates will be expected to provide an acceptable criminal records check at their own expense if chosen as the successful applicant.

Requirements of the position include: Community College graduation from a Mechanical Engineering Technologist program, coupled with a minimum three years’ experience working in mechanical services design with an engineering consulting firm, or an equivalent combination of education and experience. Proficiency with AutoCAD, word processing, and spreadsheet software is essential, as is a mechanical aptitude, a working knowledge of mechanical contracting and related trades, and good communication and organization skills. Safety training relevant to this position will be required.

USW, Temporary Full-time
Position Number 806-011
Classification USW, Local 4120 Salary Band 6
Normal Hiring Range $26.38 - $29.48 per hour

All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority. At the University of Guelph, fostering a culture of inclusion [2] is an institutional imperative. The University invites and encourages applications from all qualified individuals, including from groups that are traditionally underrepresented in employment, who may contribute to further diversification of our Institution.
*Tentative evaluation; subject to committee review.

Posting Date: 2018 01 10
Closing Date: 2018 01 31

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Links
[1] https://www.uoguelph.ca/hr/careers-guelph/how-apply