

Laboratory Technologist– Mechanical Engineering

The American University in Dubai invites qualified applicants to apply for the position of **Laboratory Technologist – Mechanical Engineering**.

The fundamental responsibility of this position is to provide technical assistance and support to mechanical engineering faculty and students, and to manage the Mechanical Engineering laboratories.

Principle Responsibilities:

- Operating conventional lathe, milling, and drilling machines in the Engineering machine shop;
- Knowledge in 3D printer operations and CNC machine technology;
- Competency in CAD software (especially SolidWorks and AutoCAD) and other mechanical engineering software;
- Ordering equipment and setting up new engineering labs;
- Maintaining, organizing, and replenishing lab supplies;
- Administering lab inventories and proposing improvements to the Mechanical Engineering labs;
- Supervising students and faculty in using the Engineering machine shop;
- Ensuring safety procedures and regulations in the Engineering machine shop;
- Troubleshooting equipment hardware and software problems;
- Coordinating equipment installation, repair, and warranties with vendors;
- Assisting the professors during the lab sessions;
- Maintaining a fully functional classroom and laboratory environment;
- Modifying and developing technical lab manuals, instruction manuals, reference guides and safety documents;
- Performing other related duties as assigned by the Supervisor or anyone acting in his or her capacity.
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Competencies and Skills Used:

- Exposure or familiarity with the following fields:
 - Statics and mechanics of materials
 - Physics and thermodynamics
 - Fluid mechanics
 - Mechanical design
 - Machine design and manufacturing
- Organization, and time management skills
- Competency with Microsoft Office (Word, Excel, PowerPoint)

Essential Qualifications:

- BTech or B.S. in Mechanical Engineering or Engineering Technology;
- At least two years of laboratory or field experience in the case of a Diploma or Associate degree;
- Familiarity with lab equipment and procedures;
- Ability to work with vendors and faculty members in acquiring and maintaining proper equipment;
- Excellent written and oral communication skills in English.

Desired Additional Qualifications:

- Experience in engineering labs at universities, research institutes or other organizations;
- M.S. degree and lab teaching experience;

Applications will be accepted and evaluated until this position is filled.

Interested applicants must submit the following requirements via email to recruitment@aud.edu.

(Please state the title of the position as the subject of the email)

- Cover letter

- Updated CV
- Copy of BTech or B.S. graduation transcript.
- Contact information of three (3) academic/professional references

Alternatively, applicants can submit their application materials to the following postal address:

Angele El Khoury
Director of Human Resources
The American University in Dubai
P. O. Box 28282, Dubai, U.A.E.

No telephone calls please.

While we thank all applicants for their interest, only those under consideration will be contacted for a follow-up interview.