

**U.T. Health Science Center at San Antonio**  
 Interested persons may apply on-line at [www.uthscsajobs.com](http://www.uthscsajobs.com)

**ELECTRICAL ENGINEER**

Job Category	Professional & Managerial
Requisition Number	20090083
Job Title	Electrical Engineer
Type of Recruitment	Open Recruitment (open to UTHSCSA and non-UTHSCSA employees)
State the purpose of this position:	This position is responsible for designing, operating and maintaining various electrical power systems, consulting with researchers in experimental settings, and reviewing construction drawings and specifications. Responsible for the design, execution, and effectiveness of a system of internal controls which provides reasonable assurance that department operations are effective and efficient, department assets are safeguarded, departmental financial information is reliable, and the department complies with applicable laws, regulations, policies, and procedures.
Job Duties	<p>Designs electrical systems for building renovations and expansions. Monitors maintenance of existing University electrical systems including medium voltage, low voltage, and specialty systems. Coordinates and operates electrical power equipment to switch, shutdown, and start up electrical systems to provide safe operation and maintenance. Inspects University construction and installation projects to ensure quality electrical and lighting systems. Conducts measurements of electrical loads, power factor, and harmonics. Conducts electrical power quality surveys and energy conservation investigations and initiates follow up projects. Documents all University electrical systems on AUTOCAD software program. Develops electrical guidelines and specifications. Develops short circuit, power flow, and relay coordination studies. Performs other duties as assigned.</p>
	Combination of relevant Education and Experience will be considered.
Minimum Education and Experience Requirements	Bachelor's degree in Electrical Engineering, with no experience, or be a Registered Texas Professional Engineer or Engineering Intern (EIT) and pursuing Texas professional engineering registration.
Base Monthly Salary (if monthly paid)	Competitive
Work Schedule (e.g. 8 AM - 5 PM)	Mon. - Fri. 8:00 - 5:00
Number of Work Hours per Week	40
Benefits Eligible?	Yes
Is this position required to drive a UT vehicle?	Yes
Work Location	Main Campus (7703 Floyd Curl Dr.)