

Position: Engineering Technician II-III

Location: Indian River Research and Education Center (IRREC), Fort Pierce Florida

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Advertised Salary: commensurate with education and experience

Job Description: This is a full time engineering technician position working in the Smart Irrigation and Hydrology, (SIAH) Agricultural engineering team (<https://irrec.ifas.ufl.edu/guzman/>) at the Indian River Research and Education Center (<https://irrec.ifas.ufl.edu/>). The selected candidate will be responsible for advancing PI-provided projects from the engineering concept stage through the detailed design, purchase of materials, construction, testing and operation. As needed, the position will provide reviews and/or summary reports, plans, and specifications for projects and devices. The person is required to supervise lab members including staff and OPS assistants. These duties include actively participating in and/or delegating activities to team members as appropriate to ensure projects are managed up to completion. Coordination, supervision, and/or implementation of PI-designed research projects. The person is required to have a valid driver's license and be able to drive vehicles to the field.

Preferred Qualifications: Knowledge of concepts, terminology, and analytical techniques of agricultural engineering, specifically irrigation for specialty crops and hydrology. Carpentry skills, general “fix-it” know how, and familiarity with engineering tools, equipment, and instruments. Skill in managing technical personnel. Ability to solve problems relating to engineering, Ability to analyze and interpret engineering data. Basic programming skills. Ability to efficiently plan, organize, and coordinate work assignments. Ability to communicate effectively verbally and in writing. Ability to establish and maintain effective working relationships.