



## **Civil/Survey Engineering Technician**

Clapsaddle-Garber Associates (CGA) seeks a full-time well-rounded Civil Engineering/Survey Technician for our Cedar Falls office. We are a growing civil engineering and land surveying firm based in Central Iowa years for 60 years. We are looking for you to collaborate with our design and construction phase services teams and to assist the Lead Surveyor or Land Surveyor Party Chief in completing survey work. We work on a wide variety of large and small projects ranging from small residential and commercial site plans, to large 80+ acre industrial and residential subdivisions, to local funded and federal aid highway and street projects.

The ideal candidate will possess some amount of CAD drafting and land surveying experience. While individuals with prior experience in these areas are preferred, individuals exhibiting a strong work ethic and willingness to learn will be considered. You must possess a valid Driver's license.

In this role you will be an integral part of our design, construction and survey teams. You'll be responsible for assisting civil engineers in planning, designing and providing construction observation services. You will also spend time working with our field survey crews on a variety of surveying activities from construction to boundary surveys. Additionally, you will work directly with senior staff in reviewing field notes and assuring construction calculations are developed/correct.

### **Minimum Qualifications:**

- AA Degree in Construction or Civil Engineering Technology Degree or equivalent work experience
- Knowledge of civil engineering application and drafting standards related to design, drafting, construction, surveying, materials testing, and field inspections.
- Strong Knowledge of basic math and the types of measurements related to land surveying including linear, angular, elevations and unit systems conversion including knowledge of geometry, trigonometry and algebra.
- A working knowledge of 3-D surface models, projections and coordinate systems.
- Highly motivated, resourceful and able to work independently with minimal direction
- Strong attention to detail with excellent analytical and judgment capabilities.
- Very good data entry and typing skills required; accuracy a must.
- Familiar with field concepts, proficiencies, and procedures.
- Able to contribute in design reviews and improve job efficiencies.
- Proficient in the use of computerized office equipment and programs, including MS Office, MS Windows, and Adobe products.
- Must be capable of working in rough terrain and inclement weather and lifting 50-75 pounds.

### **Preferred Qualifications:**

1. 2+ Years' Experience in a position with increasing responsibility as a Civil Engineering/Survey technician
2. Proven ability to develop and produce civil engineering drawings in AutoCAD including experience with Civil 3D and/or other related AutoCAD based design aid software packages.
3. Survey experience, field and/or office, is a plus, and the position may involve some construction observation depending on workload.
4. MicroStation and GEO Pack experience will be a plus

Clapsaddle Garber Associates, Inc., is an employee owned firm offering competitive wages and benefits including paid time off, 401k profit sharing, health and disability insurance, flexible schedule and opportunity for advancement.

*Please send cover letter, resume, and references to [bkirkevold@cgaconsultants.com](mailto:bkirkevold@cgaconsultants.com).  
Clapsaddle- Garber Associates is an equal opportunity employer.*