



College of Engineering  
and Applied Science

# WEEKLY BULLETIN

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### **Career Services COVID-19 Update**

Due to the spread of COVID - 19, the Career Services team will be working remotely. We are still taking appointments, scheduling information sessions, and available for assistance via phone and email. Contact information is just below.

#### **Tyler Grabner | Internship Coordinator**

Email: [tgrabner@uwyo.edu](mailto:tgrabner@uwyo.edu)

[Make an appointment with Tyler by clicking here!](#)

#### **Ann Jones | Associate Director of Career Services**

Email: [aljones@uwyo.edu](mailto:aljones@uwyo.edu)

[Make an appointment with Ann by clicking here!](#)

## ON-LINE Career Conference for Students and Grads

The ***UW Alumni Association*** is hosting a **FREE 4-Day ON-LINE Career Conference for Students and Grads!**

- June 23-26 from 11am to 8pm EDT (9am-6pm MDT)
  - 72 career authors and coaches will provide tips, skills, and strategies for professional job search
  - Each will share in their TED Talk length presentation – three tips, ideas, or strategies you can act on immediately
  - FREE Registration at this site: <https://uwyo.securecheckout.com/>
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## ES 3100 Class

The purpose of this Internship Preparation course is to prepare students for applying to internships in all applicable facets. Students will learn how to build their resume, write job specific cover letters, search for positions, and communicate with employers effectively. This course is a self-study with assignments given weekly. Students will be required to complete assignments and schedule individual appointments with an instructor in order to follow up on assignments.

Prerequisite: 6 credits within your discipline.

# INTERNSHIP PREPARED COURSE

ES 3100

- Preparing for employment after-college may be the most important steps you take while in-college
- Start early with the **ES 3100-Internship Prepared** course designed to increase your awareness and access to job resources, internships, and employers
- Two sections offered Fall 2020: Independent Study or Traditional Lecture Classroom

**ONE CREDIT HOUR | FOCUS ON CAREER READINESS | PROFESSIONAL DEVELOPMENT**



*ENROLL NOW!*

## Jobs/Internships

### Geotechnical Engineering Internship

The right intern should thrive in a fast-paced, client service based environment. To be successful in this role, you must have strong technical problem-solving skills as well as excellent written and oral communication skills, competent with basic computer programs such as word and excel. You must be able to work independently with minimal supervision and also perform as a team member in an environment that will include other employees of the company,

subcontractors, and client representatives.

### **Education**

This opportunity is available for college students in good standing working towards a Geotechnical Engineering Degree within an accredited program.

The candidate will gain experience in geotechnical engineering under direct supervision of the firm's leading engineering professionals.

### **Duties and Responsibilities**

- Work in a safe, efficient, and detail oriented manner
- Willingness and ability to work on construction sites, performing observation and testing activities
- Work on some of the most challenging projects in the country
- Perform routine tasks, tests and computations associated with geotechnical engineering, construction materials testing, and field observations under the supervision of a geotechnical engineer.
- Perform laboratory analyses in support of construction and geotechnical engineering projects
- Collect field samples and perform field logging of exploratory test borings
- Use exceptional time management skills and have the ability to manage multiple assignments at any given time
- Be required to hold a valid driver's license, have a satisfactory driving record, and have reliable transportation in order to get to and from work.

### **Other Requirements**

In addition to the essential duties listed above, an intern geotechnical engineer will frequently be asked to perform miscellaneous duties that may include but not be limited to shipping soil samples and disposing of laboratory soil waste.

This position is an "outdoor/indoor position" which will entail working in all types of weather from hot and windy, to cold and icy/slippery conditions. While working indoors at the lab, the position requires reasonable attire for a professional office building. In addition, this position requires a person to be capable of routinely lifting 75 pounds.

**Interested applicants should email their resume to [INFO@AGS-West.com](mailto:INFO@AGS-West.com)**

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## **Seasonal Phytoremediation Technician**

**Position:** Seasonal Phytoremediation Technician (landscaping)

**Commitment/Schedule:** Total of 200 hours. Weekdays, June through August, with some flexibility around class schedules, weather, etc.

**Location:** Laramie, WY (approx. 4.5 miles south of the university)

**Compensation:** \$14.00 per hour

**Description:** Maintenance of approximately 50 acres of vegetation in the Integrated Phytoremediation / Greenbelt project at the south loop portion of the Laramie River Greenbelt Trail. Mowing grass with a riding mower, monitoring tree health, operating/maintaining irrigation systems, performing preventive maintenance on equipment, and related tasks. This work contributes to a

valued recreational resource enjoyed by many in the community.

**Requirements:** Dependable, hard-working individual at least 18 years of age who is able to follow instructions, comply with safety procedures, and work independently in an outdoor setting. Farm/ranch, landscaping, or similar experience is required. Mechanical aptitude/experience operating and maintaining powered equipment is desirable. Applicants offered the position must pass a background check including a clean driving record.

Please send resume to Eileen Torok at [eileen.torok@jacobs.com](mailto:eileen.torok@jacobs.com).

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## Gateway Construction Drafting Internship

**Gateway Construction is currently seeking a drafting intern who will assist our Head Designer. Candidates must be proficient in Revit. Experience using AutoCAD is helpful. Their ideal candidate is self-motivated, eager to learn, listens to directions, organized and has good time management skills. They are looking for an ambitious, talented team player with strong communication skills who is capable of staying focused and meeting deadlines with limited supervision.**

### General Job Duties:

- Design work focused on new homes, primarily using Revit
- Make modifications to existing plans
- Develop new plan
- Produce full plan sets including foundation plans, floor plans, roof plans, elevations, cross sections and detail sheets
- Send out RFPs to suppliers
- Verify shop drawings and other submittals (i.e. cabinets, windows, trusses, etc.)
- Convert AutoCAD plans to Revit
- Assist with brainstorming design idea

### To Apply:

- **Please send an application, through regular mail, or email to [sean.quinn@gateway-const.com](mailto:sean.quinn@gateway-const.com). Address application letter and resume to Sean Quinn at**

**PO Box 3244**

**Cheyenne, Wyoming 82003**

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## Facility Engineer Internship

Facility Engineering Associates, P.C. (FEA) is looking for approximately six to eight interns to assist us in gathering field measurements and other architectural data in K-12 school facilities in the State of Wyoming. If interested, please submit an application on our website (<https://feapc.com/careers/>). FEA is an equal opportunity employer.

### **Qualifications/Skills/Capabilities**

- Must be a graduate of or currently enrolled at any Wyoming Community College or the University of Wyoming with a focus in Civil Engineering,

Architectural Engineering, Mechanical Engineering, or Construction Management. If attending college, individual must have finished two semesters of college by the project start date.

- Must be proficient in AutoCAD, MS Word, and MS Excel.
- Must be able to read, interpret, and identify discrepancies on building floor plans.
- Must be able to pass a background check and drug test, have a valid driver's license, and be a minimum of 21 years of age by the project start date.
- Must be willing to travel around the State of Wyoming for the entire employment period.
- Must be able to physically climb stairs/ladders and be on your feet walking for multiple hours at a time, as well as be able to sit for multiple hours at a time.
- Applicant must be legally eligible to work in the U.S. without sponsorship.

### **Compensation**

Successful applicants will be paid \$20 per hour and guaranteed a minimum of 30 hours per week. Actual working days may involve up to six days per week, and the hours are anticipated to be between 40 and 50 hours per week. Weekly lodging, meal per diem, and rental car will be provided to each successful candidate for the duration of employment.

### **Schedule**

Preliminary offers for employment are expected to be sent to successful applicants between May and June 2020. However, offers will be contingent on current workload, and will be finalized around July 1, 2020. Successful applicants will need to be available for continuous work between July 6 and August 17, 2020.

### **To Apply**

Apply at <https://feapc.com/about/careers/wyoming-intern/>

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## **NARUC Summer Internship**

### **General Description of Duties:**

Under the direction of the supervisor of the Technical section, conducts research on issues of current regulatory interest to the Commission in the areas of electricity, natural gas, water, pipelines or telecommunications; assists the technical section with the evaluation and analysis of utility company applications filed with the Commission.

### **Essential Functions:**

- Under direct supervision, conducts in-depth research on topics of regulatory interest to the Commission, which may include investigation of natural gas, electricity, pipeline, telecommunications, or water regulation issues;
- Assists technical staff in the analysis, investigation, and evaluation of utility company applications filed with the Commission;
- Prepares memoranda and briefings on issues of regulatory interest to the Commission; and
- Assists in preparing recommendations for use by the Commission in its decision-making.

**Knowledge and Skills:**

- Skill in written and oral communications;
- Knowledge and ability to use computer hardware and software;
- Ability in the interpretation, evaluation and analysis of financial/statistical and/or engineering information and concepts;
- Ability to organize and analyze data sets with computer software;
- Knowledge or courses of study in one or more of the following areas: accounting, business, economics, engineering, statistics or finance; and
- Ability to work alone or in a team environment.

**Minimum Qualifications:**

A bachelor's degree in Engineering, Accounting, Economics, Statistics, or a related field from an accredited college or university and currently enrolled in/attending graduate school or a recent graduate.

**Send resume and cover letter expressing interest in the position to: Wyoming Public Service Commission, 2515 Warren Avenue, Suite 300, Cheyenne, WY 82002, Attention: Melisa Mizel – NARUC Summer Internship, or e-mail the cover letter and resume to: melisa.mizel2@wyo.gov.**

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## **Vivid Engineering Seeking Construction Inspectors, Materials Technicians, Laboratory Technicians**

VIVID Engineering Group, Inc. is looking for an experienced Construction Inspectors and Materials Technicians to join our Team! VIVID Engineering Group is a geotechnical engineering firm focused on expanding in the Arizona Market. VIVID performs the following services:

- Geotechnical Engineering
- Construction Management
- Inspections
- Materials Testing
- Phase 1 Environmental Assessments
- Stormwater Management

Inspectors and Technicians shall perform routine inspections, field testing, laboratory testing on construction materials (concrete, soils, and aggregates) for the purpose of verifying conformance to construction plans and specifications. Testing may include soil classification, sieve analysis, gradation, PI, moisture content, air content, slump, unit weight, temperature, density, proctors, etc. Follow proper procedures, perform accurate computations, and maintain cordial relationships with coworkers, clients, contractors, etc.; Prepare daily field reports, test reports, and data sheets.

Positions are for full time work along the Arizona and Mexico Border in Naco, AZ. Work will be fast passed and may require out of town work at this remote locations.

Housing will be provided. Per diem provided for meals, Travel provided for scheduled trips home.

Night, weekend and holiday work may be required. Work beyond eight hours per day and beyond 40 hours per week is typically required.

Project is scheduled to start June 1, 2020.

- Minimum 2 years of construction materials testing and/or inspection

experience required.

- One or more of the following certifications (or equivalent) are required: ATTI, ANST, ACI Field Level 1, ACI Lab, ACI Strength, NICET, and others
- Experience with USACE a plus
- Will be required to maintain current certifications. Additional certification training available.
- Above average proactive communication skills, knowledge of construction practices, willingness to learn and an overall passion for continual improvement.
- High school diploma or equivalent. AA or equivalent to include courses in building inspection, home inspection, construction technology, drafting and mathematics preferred.
- Knowledge and use of MS Office, including Word and Excel is required
- Valid driver's license, clean driving record and ability to pass drug test required
- Must pass criminal and USACE background check

Job Type: Full-time

Salary: \$15.00 to \$27.00 /hour plus overtime and per diem

**To apply contact Danny Bennett at [dbennett@vivideg.com](mailto:dbennett@vivideg.com)**

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## Internship with Scout Clean Energy

**This role will support the Asset Management team's decision-making processes by utilizing real-time data from our 3 operating wind facilities across the United States. The intern will use their quantitative skills and enhance their capabilities with problem definition, data processing, data analysis, and data visualization in this role. The intern will report directly to the Manager of Remote Operations, a six-year Marine Corps veteran.**

### Qualifications

- Working towards or recently completed a bachelor's degree in Engineering, Math, Data Science, Business Administration, Economics, Statistics, or a related field
- Interest in the renewable energy industry, specifically the operation of utility-scale wind farms.
- Demonstrated commitment to excellence in delivery and in results.
- Resident of the state of Colorado (for grant-related reasons).
- A working understanding of analytics processes is required; hands-on experience is optional.
- Intermediate to advanced proficiency with Microsoft Office, especially Excel. The successful intern will have experience with using formulas, macros, and pivot tables and will be comfortable with large data sets (e.g., 1 million cells or more).
- Experience as an analytical storyteller, creating charts, graphs, and other data visualization to distill complex information into an easy-to-follow graphic or narrative that is appropriate for multiple levels and types of technical expertise is required.
- Experience with Microsoft Power Bi, Tableau, or Grafana are also preferred.
- Preferred but not required: Experience with databases, SQL, API query, or OSI Soft.

To Apply:



## Systems and Manufacturing Engineering Internship

An opportunity exists for a Mechanical Engineering student intern to design and build experimental apparatus for a wide range of disciplines across the UW campus in the CEAS Shop environment. This hands-on position is multiple parts: system integration, mechanical design and time spent completing machining & fabrication in the shop, as needed. The position will be 40 hrs/week during the Summer, then may be extended into the Fall semester as the selected candidate's course schedule will allow.

The Systems and Manufacturing intern will undergo training including LabVIEW sessions and can complete certifications in Solidworks. The Engineering intern will need to be flexible to work with both the Controls/Systems Engineers and Master Technicians, to help move the department forward whatever the task may be.

### Contact

Contact Spencer Miller, Shop Manager - [smille61@uwyo.edu](mailto:smille61@uwyo.edu) - for more details and to submit a resume, with a brief statement on why you're interested in the position, your qualifications, skills, work history, etc...

Application Deadline: May 15, 2020

Starting Date: June 1, 2020

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## Structural Engineering Position

Whitten & Borge, PC, a structural engineering firm, is seeking an emerging structural engineer in their Billings, Montana office.

The successful candidate will have a..

- BS degree in Civil/Structural engineering,
- will have passed the FE Civil exam and be EIT status,
- and will know how to use Revit, AutoCAD, MS Office, and have basic exposure to structural analysis software.

Candidates with working experience preferred. They offer health insurance after 30 days, and retirement contributions and other benefits of one year.

**If interested, please email cover letter and resume to [info@whittenborges.com](mailto:info@whittenborges.com)**

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- new jobs or internships are posted daily -

Companies recently postings: Goken America, Oak Ridge Institute for Science and Education, Advanced Engineering and Environmental Services, Inc., Bechtel (and many more!)

Click on the **Handshake** button above and

students use your UW username and password to sign-in;  
update your student profile if actively seeking  
employment opportunities

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Self-directed career preparation modules  
(Including resume/cover letter/interviewing/networking)

Click the EPIC button above and use your UW username and password to sign in and start learning!

**Feel free to contact Ann Jones or Tyler Grabner by emailing [CEAScareerservices@uwyo.edu](mailto:CEAScareerservices@uwyo.edu) for any questions**

**You can also make an appointment with us for job search help, cover letter help, resume assistance, etc. by going through Handshake**