

# **KPM Franklin Internship Program**

## **INTRODUCTION**

KPM Franklin has a formal Engineering Intern Program to create a high quality learning experience for students. It is our intention to provide valuable hands-on experience working directly with our project managers and partners on a variety of projects. Through investing in and helping to develop these young minds, we hope this program will also aid in finding and recruiting young talent to the team, bringing fresh and innovative ideas to KPM Franklin.

### **As an engineering intern, what will I be doing?**

Our engineering interns work on a wide variety of jobs using programs such as AutoCAD Civil 3D, MicroStation, and more. As their skills develop, interns will be challenged to further their abilities in both technical and non-technical areas. An intern with little to no technical experience may begin their time doing construction document red-line drafting and basic engineering calculations. As they progress they may expand to slightly more advanced topics in drainage and utility design, and Spatial Site planning.

### **What if I don't know or know very little about AutoCAD Civil 3D and the other programs?**

With the on-going emphasis on technology in civil engineering, all our interns, no matter their skill level, create a Civil Engineering Technology Growth Plan. In the beginning of your internship experience we assess your current technical skills and create an executable plan specific to you and to expanding your knowledge in real-world situations of highly used programs.

- Highly used programs include the following:
  - AutoCAD Civil 3D      Commercial Plans Production
  - MicroStation          Transportation Plans Production
  - ICPR 4.0                Drainage Design
  - Water CAD              Utility Design
  - Water GEMS            Drainage Design
  - PONDS                  Drainage Design
  - Storm CAD              Drainage Design
- Learn to develop and implement drainage spreadsheets.
  - Use an example project to replicate drainage calculations and spot check equations against the drainage manuals.

### **What other training does the company provide?**

We do a couple of "Lunch-N-Learns" a month to expose our interns to the full life-cycle of a project and to teach more in-depth concepts such as drainage, new technologies in utility infrastructure, surveying, and planning.

We also introduce our interns to self-learning opportunities and programs where they can continue to develop their skills after their internship and throughout their careers.

### **Will I work on any teams?**

Most of our projects are done with a collaborative team effort. KPM Franklin's bottom-up management approach allows all team members to constructively contribute to every step of a project, from conception to completion. Our interns, as well as our new engineers, work side-by-side with project managers and firm partners sharing ideas, learning, and providing high-quality services to our clients.

### **Can I specialize in a particular area of Civil Engineering?**

As we go through our interview process, we try to identify a career track or area of higher interest that you would like to explore in greater depth. We then pair you up with a mentor who is an expert in that area. Together with your mentor, you will come up with a list of technical and non-technical activities that will provide you with a real-world knowledge of how to be successful in that specialty area.

Some of those activities could include:

- Project Inventory Field Reviews
- Attend Project Meetings
- Prepare Meeting Minutes for Project Meetings
- Attend Client Follow-up Meetings
- Draft a Design Technical Memo
- Attend Organizational Lunches

### **What opportunities are there after the internship?**

Some of our interns will have opportunities to extend their internship, while others often chose to come back for a second or third internship exploring a different area of civil engineering. We also have opportunities for those returning to take on a more leadership role as a Senior Intern. And of course, our ultimate goal through our internship program is to find young talent to bring fresh and innovative ideas to KPM Franklin. As we identify those who are accomplished in their education as well as their work ethic, it is our hope that some will join our team upon graduation.



### What do our past interns say?

"The projects that I have worked on here have shown a great insight into the daily life of a Civil engineer, as well as all the other roles it takes to run a business."

- Louiseana,  
University of  
Central Florida

"The people at KPMF make the work enjoyable, and they create an environment where mistakes are inevitable and should be learned from."

- David, University  
of Florida

"I like that my bosses give me a good foundation to work around, and that I am also able to contribute my own ideas and ask as many questions as possible."

- Madison,  
University of  
Florida

"KPM Franklin has provided me with the best tools and hands on experience I could have ever imagined, while still being a student at UCF."

- Alyssa,  
University of  
Central Florida