



Your Name: Mallorie Edwards

Job Title: CAD Designer

Degree awarded from Ferris: Associate in Applied Science CAD Drafting and Tool Design Technology

Graduation year: 2014

Name of Employer: Clark Technology Systems
www.clarkts.com

How would you describe your current position? As a CAD Designer, I design fluid routing systems for pump packages, steam turbine packages, and compressor packages, as well as cooling systems and industrial rafts. First I start by designing a Piping and Instrumental Diagram of the system's component layout. Then I design the route for the piping and model it all using 3D CAD software. Once all designs are approved, I work with welders, fabricators, and machinists to manufacture and assemble the finished system.

How has your education supported you in your job thus far? My CAD software knowledge has been most beneficial. You must always consider if your design is safe, cost efficient, manufacture-able, and quality. Having the hands-on experience at Ferris makes me more comfortable when working in the shop. I can recognize the tools and machines, how they are used, and what I have available to me when designing.

How was the job search process? I was extremely impressed with the job search process. No matter where I moved to there were many opportunities. Before I graduated I had already completed two phone interviews. Then the day after I graduated I moved to Pennsylvania. In the first three days of being in Pennsylvania, I had two more interviews. On the third day, I got a job offer!

What do you see as your biggest challenge? Remembering all the components used in the systems, but I know in time this knowledge will come. My goal is to become a Project Engineer. I see that in my future, and I know if I keep at it, I will get there.

What advice would you give to current CET students? Set a goal, and do it!