Externship Overview

Phillips 66 is an employer with jobs available across many fields that are high wage and high demand. Prior work experience is not required for many positions as Phillips 66 has a well defined training program for new hires. Additionally, there is great room for growth in most positions; many of the workers I met on site had been working at the Alliance Refinery for many years (10-20+) and had honed their craft and moved up into positions of higher responsibility. Phillips 66 is committed to the safety of its employees and the environment, and I saw this during the course of my externship.

Key Takeaways

Phillips 66 jobs
- Machinists and Operators - Process Technology (offered at Nunez) useful but not required; full on-site training
- Electricians, Welders, other Skilled Crafts workers - many union workers work on plant
- Engineers - 4 year university degree required; variety of engineers work at plant (mostly chemical)
- Emergency Service Providers and Healthcare Workers - EMT & Firefighters, Nurse on staff full time at refinery
- Office workers, PR, HR positions in central headquarters

Student Development

Top Skills Students Can Gain in High School
- Critical Thinking and Problem Solving
- Attention to Detail
- Desire to improve upon basic understanding of material
- Time management and responsibility

Classroom Implementation
- Align student projects to be more real-world-like - embed soft skills into all facets of projects from start to finish
- Student self-reflections on professionalism and soft skills
- Collaborative thinking and learning - between students but also in connecting students with people in industry