

Introduction to Power Engineering Online -

Is Online Learning Right For You?



What type of student is successful taking the 5th Class Online Power Engineering Courses with the Prairie South Virtual School?

Is Online Learning Right For You?

- I enjoy the challenge of learning on my own
- I have effective written communication skills
- I am self-motivated and self-disciplined
- I can organize and plan my own time efficiently
- I am willing to accept the challenge of being an independent learner

When you log into the online course you will be presented with a suggested timeline to complete the theory of the course. Typically students complete the theory 2 - 4 weeks prior to semester end. There is a considerable amount of theory students need to memorize and continually test themselves on in the course. The course theory is supplemented with videos on the various topics to help with understanding.

Power Engineering Theory

- I enjoy learning about boilers and refrigeration units
- I can read a textbook and take summarized notes
- I can memorize the theory in the textbooks

The course involves reading the textbooks and summarizing the content into notes. The textbook information is supplemented with short videos to help illustrate the concepts. Each chapter has a self-assessment quiz as a self-check for content understanding. Each unit is comprised of several chapters and has a unit test which is made from the questions within each of the chapters.

Power Engineering Work Study

- I enjoy learning about heating systems and how they work
- I enjoy troubleshooting and working on mechanical systems
- I can listen to instructions and take interest when someone explains how things work

Working with boilers is a key component to this course. This is where you apply your theory and learn how to operate a boiler. You will spend many hours working with a heating system making sense of the theory you learn in the course. Hours to complete work study will occur in portable steam lab and work site locations.

“Someone that is dedicated to their classes. Also has to be able to learn from reading, because that is was most of the class time is. To be successful students must stay on a timeline and be interested in what they are learning.” – Baily- Power Engineer Student

“A student who possesses a lot of drive and self-discipline would do very well in this course. It also helps to be passionate about the criteria involved in becoming a Power Engineer. A majority of the information involved in the course is stuff you have never heard about, let alone knew existed. It helps to keep an open mind and see the bigger picture. Once you take the time to learn the criteria in the course, you will start to notice that some of those things were constantly in your surroundings, you just didn't know their purpose at the time. Stay interested, ask questions, work hard and absorb the information to the best of your ability. I believe these factors will help contribute to a better overall experience with the course.” – Cassidy- Power Engineer Student