



Prifysgol Cymru
Y Drindod Dewi Sant
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CERTHE SKILLS FOR THE WORKPLACE ACEDMIC AND EMPLOIBILITY
SKILL

Electrical engineering

❖ What electrical engineers Do?

- ❖ Electric power engineers design, manufacture, test, and operate electrical equipment ranging from electric motors and navigation systems to power generating equipment and the electrical components of vehicles and personal computers. Electrical engineering is a broad field with many employment options in a variety of industries. From the generation and propagation of electricity production to passenger cars,

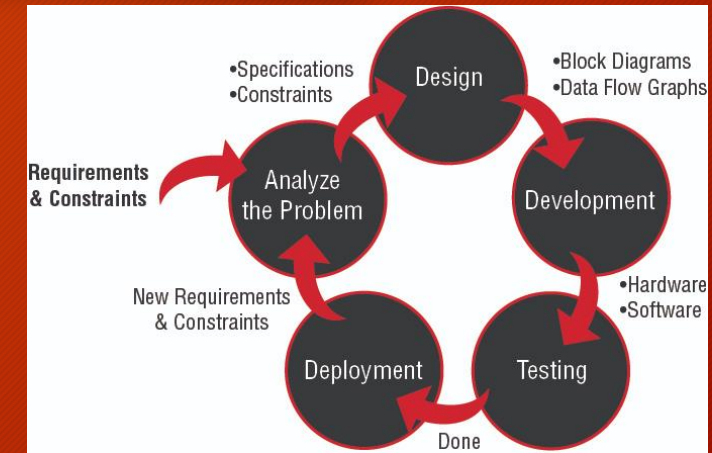
What is the duties and responsibilities of electrical engineer?

- Determine the needs of the consumer.
- Create goods and processes.
- Plan specifications and technical drawings could be read.
- Investigate a viable alternative and quantify benefits and schedules.
- Using three-dimensional modelling techniques, create product templates and prototypes.



Skills that helps you develop as electrical engineer

- ❑ Mathematical aptitude which are extraordinary.
- ❑ Modernization.
- ❑ Collaboration strengths.
- ❑ The willingness to act well under duress.
- ❑ Energy



Electrical engineer opportunities AND Threats

Opportunities	Threats	Strengthens	Weakness
❖ The opportunities to work as Government Electrical work Department. ❖ The opportunities to get promoted as general manager ❖ Airports Authority India	✓ Threat of being electrical engineer such as chemical burns. ✓ Creating safe haven ✓ Electrical shock	➤ Good communication Skills. ➤ Team working. ➤ Leadership skills ➤ Problem solving ➤ Organized	❖ Lose focus to quickly ❖ Start the project late ❖ pressure

REFERENCES

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- ❖ Indeed.com. 2021. *Electrical Engineer Job Description Examples*. [online] Available at: <<https://www.indeed.com/hire/job-description/electrical-engineer>> [Accessed 16 April 2021].