

# Student Assistant (Intern)- Telecommunication Engineering

Professionals are responsible for identifying, analyzing, and relating business demands. Your responsibilities include aligning priorities, planning and actions to the overall business objectives. And involve business stakeholders. You will share and communicate knowledge and innovation. You have knowledge of the fundamentals of the Semco business model and the value chain.

Objective: To provide foundational knowledge of telecommunication system in energy industry, hands-on exposure to telecom systems studies, support engineering design and documentation tasks.

Program: Onboarding and foundational training (Week 1 - 2)

a) Orientation and introduction (safety briefing, company overview, team introduction, company policies and guidelines, internship goals) b) Assignment of Mentor c) Introduction to telecommunication systems in energy industry

Engineering design and documentation (Week 3 – 6)

a) Understanding of telecom system integration process  
b) Understanding of engineering drawing and documentation  
c) Assist in actual projects drawings and documents preparation  
d) Assessment / Review

System knowledge training and practice (Week 7 – 10)

a) Theory of Coverage studies (PAGA (or) CCTV (or) Radio (or) Wi-fi coverage study) b) Practical application c) Assessment / Review

Workshop exposure and support (Week 11 – 14)

a) Safety introduction, Toolbox talk in workshop b) Understanding of testing procedures, material checklist c) Assist equipment setup, labeling, checklist verification, testing d) Assessment / Review

Independent Tasks and assignments in projects (Week 15 – 19)

a) Assignment to project (coverage study simulation, document verifications) b) Review, correction and final presentation of assigned tasks

Final Review & Presentation (Week 20)

a) Presentation of the tasks learned b) Completed tasks c) Suggestion for improvement d) Feedback from mentor

Qualifications: -

- Currently pursuing or recently graduated with a degree in Telecommunications, Electrical & Electronics Engineering, Computer Engineering, IT, or a related field with **NTU**
- Strong interest in learning about telecommunications and project engineering.
- Good organizational and documentation skills.
- Basic understanding of engineering drawings and technical documentation is an advantage.
- Willingness to learn, proactive attitude, and ability to work collaboratively in a team environment.
- Proficiency in Microsoft Office (Excel, Word, etc.) and good communication skills in English (spoken and written).