

TKU213142

Industrial Internship

Kerja Praktik

BASIC INFORMATION

Course Credit	2 / 150 minutes per Week
Course Type	Required
Course Classification	Engineering Topics
Prerequisites	Passed min. of 70 Credits

STUDENT AND LEARNING OUTCOMES

Covered Student Outcomes

Modern Tools Utilization (SK.1) Professional and Ethical Responsibilities (SK.4)
Effective Communication (SK.3)

Learning Outcomes

- LO1** Students are able to use techniques, skills, or equipments related with engineering or information technology for industrial applications.
- LO2** Students are able to communicate ideas, develop arguments, and answer questions related with engineering practice using written and verbal expressions.
- LO3** Students are able to understand self management, time management, work management, and career management in the industry.

COURSE DESCRIPTION

In Industrial Internship, students will obtain industrial exposure by working in industrial environment at least working 128 hours (approximately 1 month). In real environment, student will learn professional practices through interaction with employees and supervisor in the industry.

TOPICS

- 1. Industrial exposures in the real working environment**
- 2. Practive oral and written communication in real working environment**
- 3. Learn new things especially modern tools in the industry**

REFERENCES

- [1] Tim Kurikulum DTETI, Dokumen Panduan Kerja Praktek DTETI, [Kerja Praktik | Program Sarjana - Departemen Teknik Elektro dan Teknologi Informasi \(ugm.ac.id\)](http://ugm.ac.id).
- [2] Wushow Chu, Fast-Tracking Your Career: Soft Skills for Engineering and IT Professionals, July 2013, Wiley-IEEE Press
- [3] Arciszewski, Tomasz. Inventive Engineering: Knowledge and Skills for Creative Engineers. CRC Press, 2016