

ENGLISH FOR INDUSTRIAL
ENGINEERING

UU No 28 tahun 2014 tentang Hak Cipta

Fungsi dan sifat hak cipta Pasal 4

Hak Cipta sebagaimana dimaksud dalam Pasal 3 huruf a merupakan hak eksklusif yang terdiri atas hak moral dan hak ekonomi.

Pembatasan Pelindungan Pasal 26

Ketentuan sebagaimana dimaksud dalam Pasal 23, Pasal 24, dan Pasal 25 tidak berlaku terhadap:

- i. penggunaan kutipan singkat Ciptaan dan/atau produk Hak Terkait untuk pelaporan peristiwa aktual yang ditujukan hanya untuk keperluan penyediaan informasi aktual;
- ii. Penggandaan Ciptaan dan/atau produk Hak Terkait hanya untuk kepentingan penelitian ilmu pengetahuan;
- iii. Penggandaan Ciptaan dan/atau produk Hak Terkait hanya untuk keperluan pengajaran, kecuali pertunjukan dan Fonogram yang telah dilakukan Pengumuman sebagai bahan ajar; dan
- iv. penggunaan untuk kepentingan pendidikan dan pengembangan ilmu pengetahuan yang memungkinkan suatu Ciptaan dan/atau produk Hak Terkait dapat digunakan tanpa izin Pelaku Pertunjukan, Produser Fonogram, atau Lembaga Penyiaran.

Sanksi Pelanggaran Pasal 113

1. Setiap Orang yang dengan tanpa hak melakukan pelanggaran hak ekonomi sebagaimana dimaksud dalam Pasal 9 ayat (1) huruf i untuk Penggunaan Secara Komersial dipidana dengan pidana penjara paling lama 1 (satu) tahun dan/atau pidana denda paling banyak Rp100.000.000 (seratus juta rupiah).
2. Setiap Orang yang dengan tanpa hak dan/atau tanpa izin Pencipta atau pemegang Hak Cipta melakukan pelanggaran hak ekonomi Pencipta sebagaimana dimaksud dalam Pasal 9 ayat (1) huruf c, huruf d, huruf f, dan/atau huruf h untuk Penggunaan Secara Komersial dipidana dengan pidana penjara paling lama 3 (tiga) tahun dan/atau pidana denda paling banyak Rp500.000.000,00 (lima ratus juta rupiah).

ENGLISH FOR INDUSTRIAL ENGINEERING

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PT SYAMILAH LITERASI ISLAMI

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Hak cipta dilindungi undang-undang

*Dilarang keras menerjemahkan, memfotokopi, atau
memperbanyak sebagian atau seluruh isi buku ini
tanpa izin tertulis dari Penerbit.*

FOREWORD

We praise God Almighty for all His graces, so that this book, English for Industrial Engineering can be realized well. This book is here as an answer to the needs of higher education in preparing Industrial Engineering students to face the challenges of industrial globalization. English language skills, especially in technical terminology, are one of the important competencies that must be possessed in the era of the Industrial Revolution 4.0.

Through this book, we hope to help students master the English skills needed in technical communication, whether in writing, presentations, or professional discussions. The material presented is based on a curriculum that is in accordance with the needs of the current industrial world. This book is also equipped with various exercises designed to strengthen students' practical understanding of applying English in the world of work. Hopefully this book will be useful for all parties involved in the world of education and industry, as well as a useful reference in the development of technical English competencies in the future.

Jember, January 2026
Penerbit PT Syamilah Literasi Islami

PREFACE

We praise God Almighty for His grace and grace so that this "English for Industrial Engineering" textbook can be completed properly. This book is designed to meet the needs of Industrial Engineering students in learning technical English that is relevant to their scientific field.

In the era of industrial globalization, the ability to speak technical English is a very important competency for an industrial engineering engineer. Proficiency in technical English not only facilitates access to the latest literature and technological developments, but also opens up opportunities for international collaboration and wider career development.

This textbook is prepared by considering practical needs in the industry and based on the results of the analysis and the need for learning English specifically in the field of Industrial Engineering and competency standards for Industrial Engineering graduates. The material presented covers important aspects of technical communication, from mastery of terminology to presentation skills and technical documentation.

We would like to express our gratitude to various parties who have contributed to the preparation of this textbook. We recognize that this textbook still needs improvement. Therefore, we sincerely hope for criticism and suggestions from readers for future improvements.

Yogyakarta, January 2025

Author

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MODULE USAGE INSTRUCTIONS

Structure Module

Content Organization

This textbook consists of six main chapters that are systematically arranged:

Learning Components

Each chapter has a consistent structure including:

a) Initial Parts

- Basic Competencies
- Learning Objectives
- Introduction

b) Main Content

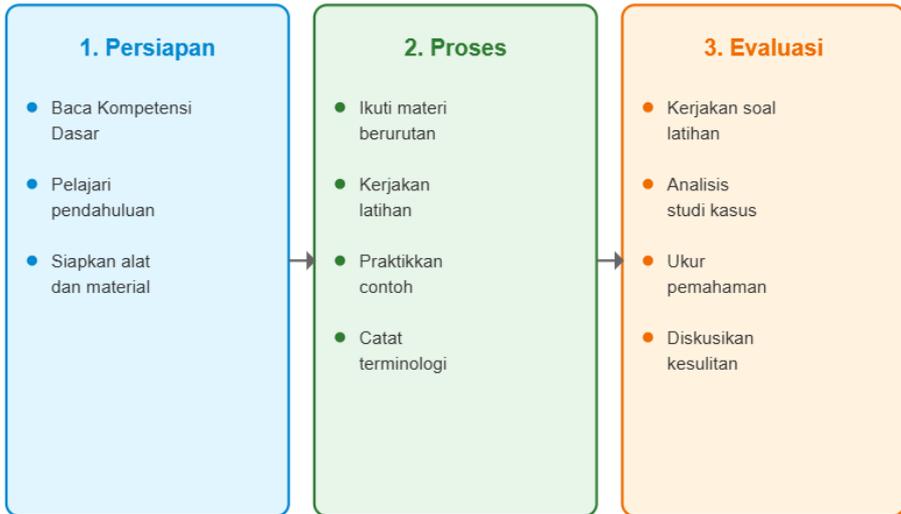
- Material Explanation
- Practical Examples
- Illustrations and Diagrams
- Reference Table

c) Evaluation

- Exercise
- Case Studies
- Rating

A. Panduan Penggunaan

PANDUAN PENGGUNAAN MODUL UNTUK MAHASISWA



PANDUAN PENGGUNAAN MODUL UNTUK DOSEN

