## **ENGLISH**

for
The Students of
Mechanical Engineering

Noorollah Hadi Sharif University of Technology 2016

: هادي، نو راله، ١٣٢٢ -

Hadi, Noorollah.

English for the students of Mechanical Engineering/ Noorollah Hadi.: عنوان و نام پدید آور

: تهران: نوید علم، ۱۳۹۵=۲۰۱۶.

: ۸۶ ص : ۱۰۰۰۰۰ ریال: ۹۷۸-۶۰۰ ۹۵۹۴۸

: اینگلیش فور استیودنتس..

: زبانانگلیسی - کتابهای قرائت - مهندسی مکانیک

English language — Readers — Mechanical engineering:

. زبان انگلیسی - راهنمای آموزشی (عالی)

English language — Study and teaching (Hig1

94.7491 /47 .: رده بندی دیویی

AT 1790997 1171 PE. رده بندی کنگره

شماره کتابشناسی ملی : ۱۱۶۲

چاپ: باسخت

صحافي: پايتخت

صفحه آرائي: فاطمه فلاح توشه جو

طراح جلد: فاطمه فلاح توشه جو شمارگان: ۲۰۰

نوبت جاب: اول -باييز ١٣٩٥

قیمت: ۱۰۰۰۰ ریال شابک: ۴-۹۷۸-۴۸ -۹۷۸-۴۰۰

## Table of Contents

<u>Title</u>	Page
PREFACE	( <del>, = )</del> ()
Method of problem solution	1
Principles of Dynamics	7
Mechanical Engineering Design	23
Thermodynamics	37
Fluid Properties and Definitions	46
Air Conditioning	50
Heat Transfer	55
Automobile Chassis	58
Internal Combustio, Eris: 3s	61
Pumps	66
Machine To Is	69
Machine which	74
Pollution.	78
Oscillatory Motion	85
References	91

## PREFACE

This textbook includes a comprehensive presentation of the materials almost in accordance with the different aspects of whatever is related to the technical and professional conceptions required to be learned by the mechanical engineering students at undergraduate levels.

It goes without saying that the more relevant the ESP teaching inaterials are to the field of study of the learners, the more e. I usias n is created by those learners and consequently the objectives of teaching are highly materialized. That is why it has been tried to make this to thook very close to the original genre and literature of the media pica. The gineering principles.

In preparing this textbook, the result of the consultation with the experts and the outcome of the research perience on ESP teaching have been among the significant factors that he been taken into consideration.