

Автономное учреждение  
профессионального образования  
Ханты-Мансийского автономного округа – Югры  
«СУРГУТСКИЙ ПОЛИТЕХНИЧЕСКИЙ КОЛЛЕДЖ»

## «What is an engineer»

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2021г.

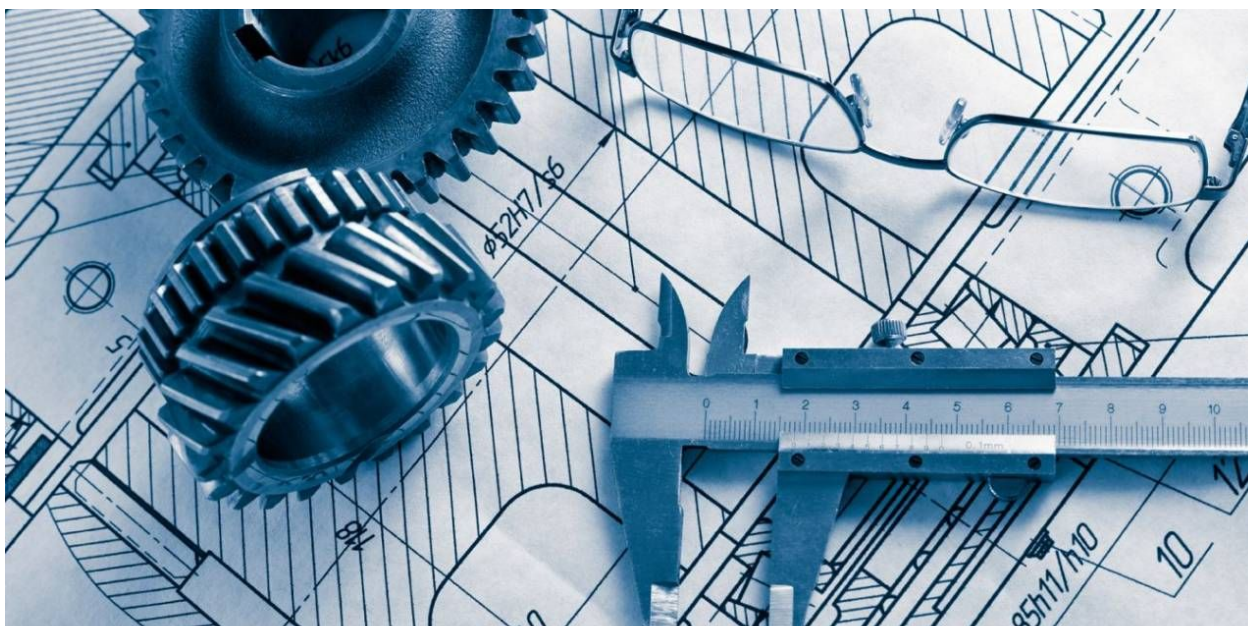


# Introduction

The aim of this project is to describe the profession of an engineer, its branches, history, education of an engineer, and the qualities of an engineer

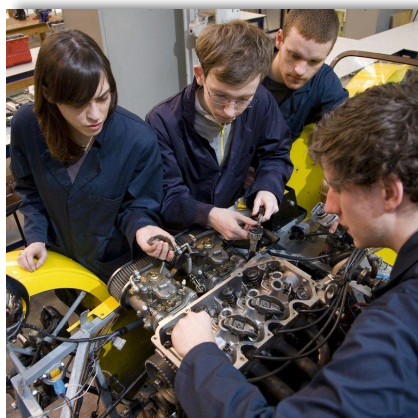
# What is an engineer

While scientists and inventors think of innovations, it is engineers who apply these discoveries to the world



# Engineering branches

- Aerospace engineering
- Chemical engineering
- Civil engineering
- Electrical engineering
- Mechanical engineering





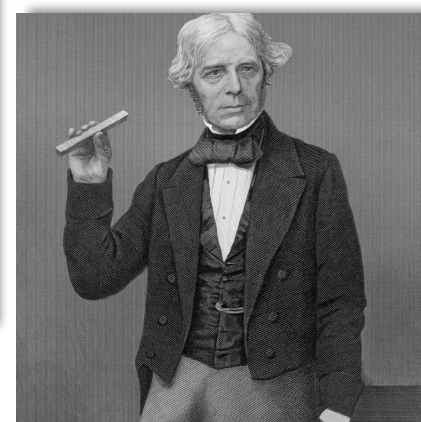
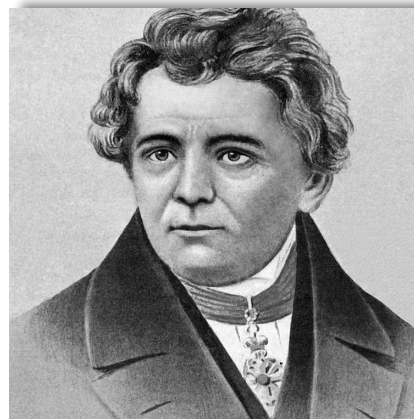
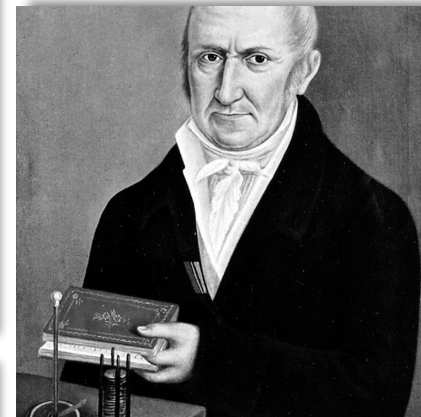
# Engineering in ancient times

- The Egyptians
- The Greeks
- The Romans



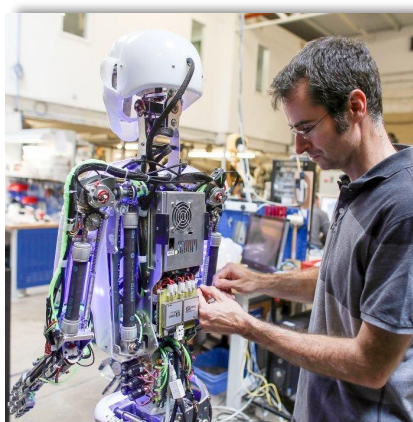
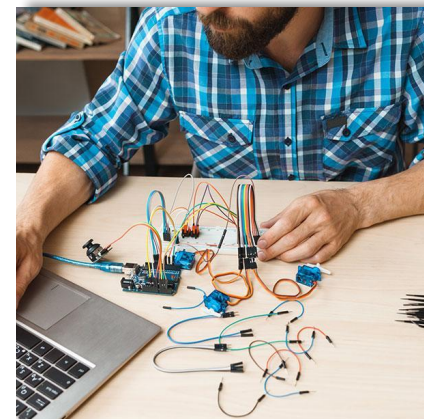
# Modern engineering

- William Gilbert
- Stephen Graham
- Alessandro Volta
- George Simon Ohm
- Michael Faraday



# Why become an engineer

- Analyze
- Invent
- Discover
- Create





# Engineering Education

Graduation from high school, admission to university,  
bachelor's degree and a master's degree



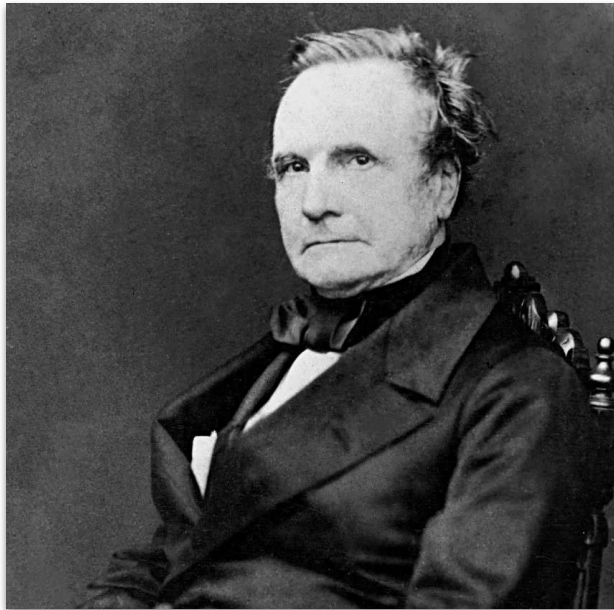


# Qualities of a competent engineer

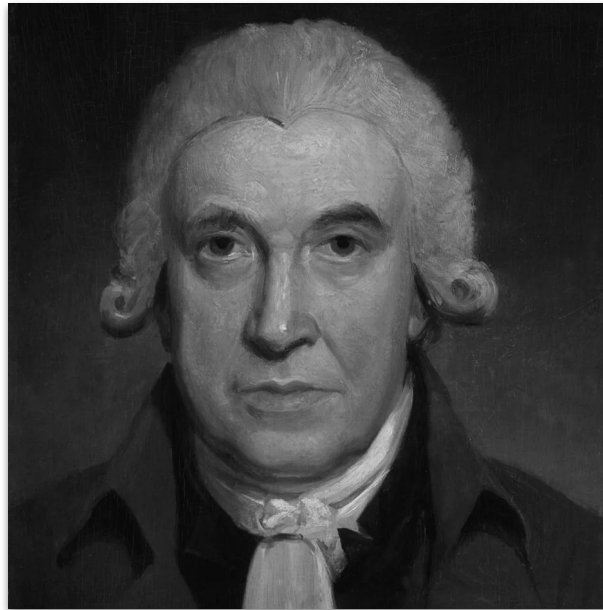
- Analytical skills
- Ability to Solve Problems and Creativity
- Communication skills
- Proficiency in Mathematics
- Science Computers
- Interest in Engineering and Persistence



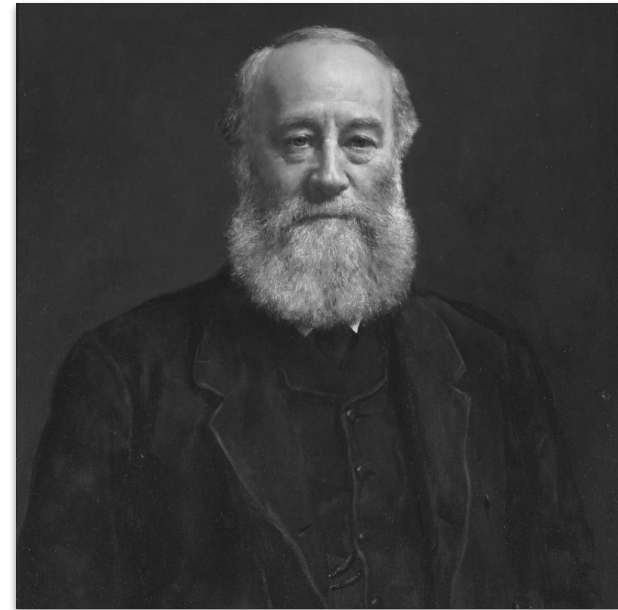
# Famous people of computer science and engineering



Babbage Charles



James Watt



James Prescott Joule