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Issued 11th August 2025. futurelearn.com/certificates/ngf8xs0

Certificate of Achievement

Dhyeya Aneesh

has completed the following course:

FUNDAMENTAL SKILLS IN ENGINEERING DESIGN
UNIVERSITY OF LEEDS, CLICK START AND INSTITUTE OF CODING

This online course explored the engineering design process, including requirement gathering, problem-solving, and project management. Learners considered the full product life cycle and different types of engineering design.

2 weeks, 3 hours per week

Dr Sam Wilson
School of Computing, University of Leeds
University of Leeds

UNIVERSITY OF LEEDS

CLICK START.

Institute of Coding

The person named on this certificate has completed the activities in the attached transcript. For more information about Certificates of Achievement and the effort required to become eligible, visit futurelearn.com/proof-of-learning/certificate-of-achievement.

This certificate represents proof of learning. It is not a formal qualification, degree, or part of a degree.

TRANSCRIPT

UNIVERSITY OF LEEDS

CLICK START.

Institute of Coding

Dhyeya Aneesh

has completed the following course:

FUNDAMENTAL SKILLS IN ENGINEERING DESIGN

UNIVERSITY OF LEEDS, CLICK START AND INSTITUTE OF CODING

90% OVERALL SCORE

This online course explored the engineering design process, including requirement gathering, problem-solving, and project management. Learners considered the full product life cycle, different types of engineering design and how they relate to the product life cycle. Learners also examined some of the soft skills needed for a role in engineering design.

STUDY REQUIREMENT

2 weeks, 3 hours per week

LEARNING OUTCOMES

- Describe the meaning of 'engineering design' in one sentence.
- Describe the five types of engineering design
- Describe the five phases of the engineering product life cycle.
- Describe at least three soft skills required in engineering design
- Summarise the four stages of the engineering design process.
- Practice one essential soft skill: abstraction.
- Practice conceptual design activities with the help of case study.

SYLLABUS

In this course, you will explore the fundamental aspects of engineering design, including requirement gathering, problem-solving and project management. You will actively engage in real-world design scenarios, honing your problem-solving abilities and gaining hands-on experience. By the end of the course, you will be able to confidently gather requirements and solve complex problems, ensuring your designs contribute positively to society.

- Introduction to design
- Types of engineering design
- The product life cycle
- The solar tracker