

# UHS 2021 : Soft Skills II Introduction

by

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# Course Objectives



## Aims

- ❖ Display the ability to work as a team to deal with challenges.
- ❖ Demonstrate Soft Skills elements through practical activities.
- ❖ Analyze Soft Skills issues at workplace.

## Expected Outcomes

This course is continuation of Soft Skills 1 (UHS1021). It focuses on the dynamic and integrated approach required by the industry through coaching and mentoring, change management, critical thinking and problem solving, ethics and moral for professional, communication skills and project closure. In the end, students will be more competent, competitive and prepared to venture the workplace challenges.



# Assessments



1. PROJECT PROPOSAL	20%
2. SPIRITUAL INTELLIGENCE SEMINAR	10%
3. INDUSTRIAL SEMINAR	10%
3. PROJECT	60%
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TOTAL	100%



# # Project Distribution



a. Meeting report	20%
b. Project Report	
i. Presentation + Poster	20%
ii. Poster and video content	10%
c. Individual task report (reflection)	10%
<b>TOTAL</b>	<b>60%</b>

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# Course Description



1. TRIZ: History and Basic concept
2. Function Analysis, Ideality
3. Structured Problem Solving Process
4. Cause and effect Chain Analysis and Trimming
5. Engineering Contradiction (EC)
6. Contradiction Matrix
7. Inventive Principle
8. S Curve and Trends of Engineering System Evolution (TESE)



# Reference



1. Yeoh, T.S., Yeoh, T.J. & Song, C.L. (2016). ***Theory of Inventive Problem Solving; TRIZ.*** Firstfruits Sdn. Bhd., Malaysia.
2. Guin, A.A., Kudryavtsev A.V., Boubentsov, V.Y. & Seredinsky, A. (2015). Theory of Inventive Problem Solving. Firstfruits Sdn Bhd., Malaysia



