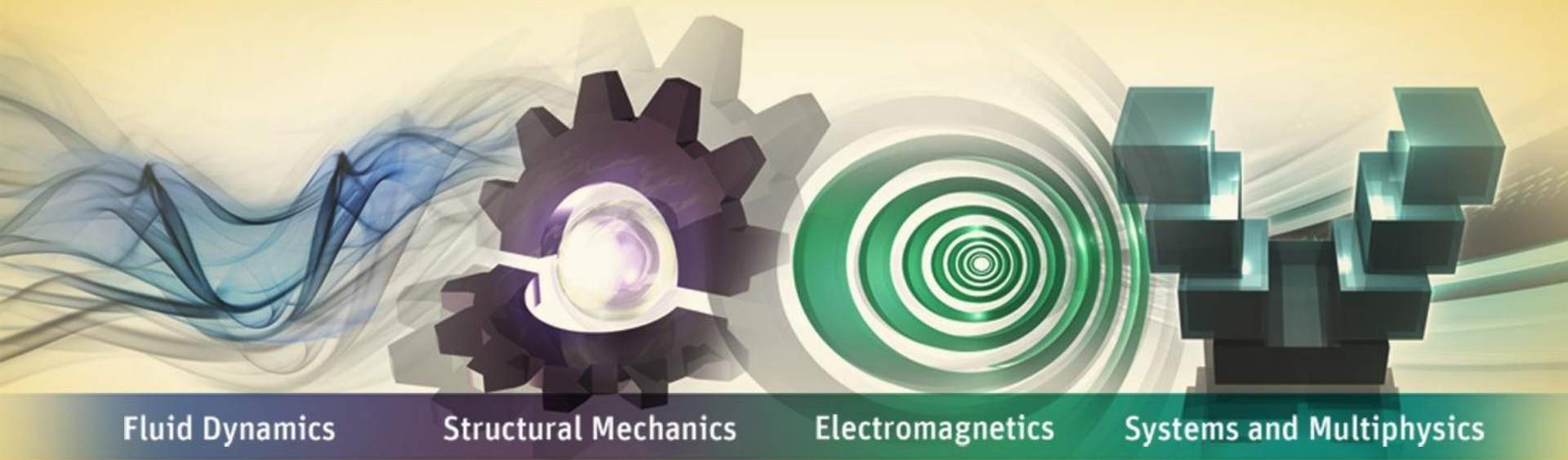


# Introduction to ANSYS SpaceClaim Training



Fluid Dynamics

Structural Mechanics

Electromagnetics

Systems and Multiphysics

## Agenda

**FLUID**  
CODES FZ LLE



**ANSYS Channel Partner for Middle East**

## Morning

Lecture 1: ANSYS Introduction

Lecture 2: Introduction to SCDM (Geometry Creation)

**Workshop 2-1: Creating a Bracket**

Lecture 3: 3D Features (Splitting / Manipulating / Replacing)

**Workshop 3-1: Split and Combine on Blender model**

Lecture 4: Advanced Features (Assemblies and Details)

**Workshop 4-1: Aligning parts to make Pivot Assembly**

## Afternoon

Lecture 5: Shared Topology

Lecture 6: Spot Welds and Instances

**Workshop 6-1: Creating Spot Welds**

Lecture 7: Simplification and Repairs

**Workshop 7-1: Removing excess details**

Lecture 8: Assigning Materials and Parameters

Lecture 9: Midsurfaces and Beams

**Workshop 9-1: Creating Beams and Shells for underwater cage.**