

# Fundamentals of Offshore Structures & Wind Turbines (FOSWT)

August 11-15, 2025

**TENTATIVE**

|                                           |                                                      |                                                |                     |
|-------------------------------------------|------------------------------------------------------|------------------------------------------------|---------------------|
| <div>MONDAY</div> <div>August 11</div>    | Introduction                                         | Dr. Spyros Kinnas                              | 8:00 AM - 8:30 AM   |
|                                           | Design and Construction Considerations               | Dr. Adel Younan                                | 8:30 AM - 10:00 AM  |
|                                           | Break                                                |                                                | 10:00 AM - 10:15 AM |
|                                           | Design and Construction Considerations               | Dr. Adel Younan                                | 10:15 AM - 11:45 AM |
|                                           | Lunch                                                |                                                | 11:45 AM - 1:30 PM  |
|                                           | Platform Design                                      | J. Ward Turner                                 | 1:30 PM - 3:00 PM   |
|                                           | Break                                                |                                                | 3:00 PM - 3:15 PM   |
|                                           | Platform Design                                      | J. Ward Turner                                 | 3:15 PM - 4:15 PM   |
|                                           | Frame Analysis                                       | J. Ward Turner                                 | 4:15 PM - 4:45 PM   |
| <div>TUESDAY</div> <div>August 12</div>   | Frame Analysis continued                             | J. Ward Turner                                 | 8:30 AM - 10:00 AM  |
|                                           | Break                                                |                                                | 10:00 AM - 10:15 AM |
|                                           | Engineering Geology of Offshore Areas                | Dr. Yosmel Sanchez-Hernandez                   | 10:15 AM - 11:45 AM |
|                                           | Lunch                                                |                                                | 11:45 AM - 1:30 PM  |
|                                           | Offshore Site Investigations & Soil Characterization | Dr. Victor Taboada                             | 1:30 PM - 3:00 PM   |
|                                           | Break                                                |                                                | 3:00 PM - 3:15 PM   |
|                                           | Introduction to Offshore Wind Farm Development       | Robert Sheppard                                | 3:15 PM - 4:45 PM   |
| <div>WEDNESDAY</div> <div>August 13</div> | Introduction to Offshore Geotech Problems            | Dr. Robert Gilbert                             | 8:30 AM - 10:00 AM  |
|                                           | Break                                                |                                                | 10:00 AM - 10:15 AM |
|                                           | Offshore Slope Stability                             | Dr. Robert Gilbert                             | 10:15 AM - 11:45 AM |
|                                           | Lunch                                                |                                                | 11:45 AM - 1:30 PM  |
|                                           | Offshore Soil Mechanics                              | Dr. Atef "Adam" Saleh                          | 1:30 PM - 3:00 PM   |
|                                           | Break                                                |                                                | 3:00 PM - 3:15 PM   |
|                                           | Offshore Pile Installation                           | Dr. Atef "Adam" Saleh                          | 3:15 PM - 4:45 PM   |
| <div>THURSDAY</div> <div>August 14</div>  | Axial Capacity of Piles                              | Dr. Atef "Adam" Saleh                          | 8:30 AM - 10:00 AM  |
|                                           | Break                                                |                                                | 10:00 AM - 10:15 AM |
|                                           | Lateral Load Design                                  | Dr. Atef "Adam" Saleh                          | 10:15 AM - 11:45 AM |
|                                           | Lunch                                                |                                                | 11:45 AM - 1:30 PM  |
|                                           | Design of Tubular Members                            | Dr. Ali Sari                                   | 1:30 PM - 3:00 PM   |
|                                           | Break                                                |                                                | 3:00 PM - 3:15 PM   |
|                                           | Tubular Joints                                       | Dr. Ali Sari                                   | 3:15 PM - 4:45 PM   |
| <div>FRIDAY</div> <div>August 15</div>    | Service Failures                                     | Dr. Ali Sari                                   | 8:30 AM - 10:00 AM  |
|                                           | Break                                                |                                                | 10:00 AM - 10:15 AM |
|                                           | Fracture Mechanics & Fatigue                         | Dr. Ali Sari                                   | 10:15 AM - 11:45 AM |
|                                           | Lunch                                                |                                                | 11:45 AM - 1:30 PM  |
|                                           | Certification of Platforms                           | Rodney Deschamps/Lars Samuelsson(Fundamentals) | 1:30 PM - 3:00 PM   |
|                                           | Break                                                |                                                | 3:00 PM -3:15 PM    |
|                                           | Certification of Platforms continued                 | Rodney Deschamps/Lars Samuelsson               | 3:15 PM - 4:45 PM   |
| Graduation/Photos                         |                                                      |                                                | 4:45 PM - 5:15 PM   |

