



DIGITAL SOLUTIONS

ADVANCED BLADED SOFTWARE TRAINING

Course code: BL-02
Duration: 5 days

Prerequisite:
Working knowledge of
Bladed software or similar
experience.

DESCRIPTION

This course offer a deeper insight into turbine modelling and can provide detailed guidance on implementing the more advanced features available within Bladed. The training program is custom designed to match individual requirements.

Advanced training courses are delivered by highly experienced engineers at a location of your choice.

LEARNING OBJECTIVES

Training programmes can be put together by selecting from the list of advanced topics below. Alternatively, if your training needs are not represented by the topics in this list, we are happy to devise a unique training programme to match your personal requirements.

Course outline:

- Advanced aerodynamics and advanced drivetrain modelling
- Advanced post-processing techniques and advanced structural modelling
- Electrical modelling
- Interfacing with Bladed - simple dll design
- Jacket structure code checking
- Linear Analysis, Campell Diagrams and Bladed in State Space
- Multibody modelling
- Non-linear multipart modelling
- Offshore support structures
- Offshore Wind/Wave climateSite specific load calculations
- Site specific load calculations
- Seismic load calculations and seismic loading
- Teetered turbines

TARGET GROUP

Engineers who are already working with Bladed software or have similar experience.