

## INSPECTION OF CORROSION PROTECTIVE COATINGS

Arranged by: **The National Institute of Technology (TI),  
Oslo, Norway**

### Course outline

*Note: This outline is intended as a guide only. Instructor presentation, style and student interest/participation might alter the schedule.*

DAY	TIME	SUBJECT	Lecturer
Monday	10.00 - 12.00  12.00 - 13.00 13.00 - 16.00	Welcome & Opening of the course Presentation of lecturers and students FROSIO-NS 476 The duties of an inspector <i>Lunch</i> ISO 9001:2000 Surface preparation + Standards for assessment <b>Homework for tomorrow - quiz 1</b>	
Tuesday	08.00 - 12.00  12.00 - 13.00 13.00 - 16.00	Metallic materials Corrosion theory and corrosion types + Teamwork <i>Lunch</i> <i>Commentary on quiz 1</i> Corrosion of reinforcement bars in concrete Construction design Cathodic protection <b>Homework for tomorrow - quiz 2</b>	
Wednesday	08.00 - 12.00  12.00 - 13.00 13.00 - 16.00	Determination of ambient conditions + Teamwork Paints Anti-fouling Coatings and linings <i>Lunch</i> <i>Commentary on quiz 2</i> Application of paints <b>Homework for tomorrow - quiz 3</b>	
Thursday	08.00 - 12.00  12.00 - 13.00 13.00 - 16.00	Calculation of paint consumption Views on hazards and safety <i>Lunch</i> <i>Commentary on quiz 3</i> Paint defects + Teamwork <b>Homework for tomorrow - quiz 4</b>	
Friday	08.00 - 10.00 10.00 - 12.00  12.00 - 13.00 13.00 - 16.00	<b>Pre-Exam</b> Thermal spraying of aluminium and zinc Maintenance painting <i>Lunch</i> <i>Commentary on quiz 4</i> <i>Commentary on the Pre-exam</i>	

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*There will be several coffee/tea breaks during the day.*

DAY	TIME	SUBJECT	Lecturer
Monday	09.00 - 12.00  12.00 - 13.00 13.00 - 16.00	ISO 12944 + Teamwork Daily logs, Reporting Deviation reports Specifications / procedures <i>Lunch</i> <i>Commentary on quiz 5</i> Inspection equipment	
Tuesday	08.00 - 12.00  12.00 - 13.00 13.00 - 16.00	Practical use of inspection equipment (the students are divided into groups) <i>Lunch</i> Practical use of inspection equipment (the students are divided into groups) <b>Homework for tomorrow - quiz 6</b>	
Wednesday	08.00 - 12.00  12.00 - 13.00 13.00 - 16.00	Passive fire protection The NORSOK Standard M 501 Guidelines DnV and ABS <i>Lunch</i> <i>Commentary on quiz 6</i> Standards - inspection <b>Homework for tomorrow - quiz 7</b>	
Thursday	08.00 - 12.00  12.00 - 13.00 13.00 - 15.00  15.00 - 15.30	Determination of paint defects, ISO 4628 Hot dip galvanising (HDG) and painting of HDG <i>Commentary on quiz 7</i> <i>Lunch</i> Repetition of subjects Evaluation of the course Information from the FROSIO board	
Friday	08.00 - 12.30 12.30 - 13.30 13.30 - 18.00	The FROSIO Exam <i>Lunch</i> The FROSIO Exam	FROSIO

**Lecturers:**  
Ole Stræte  
Hege Krogh

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