



Faculté des sciences appliquées

FSA

MECA2493 **Séminaire de technologie des procédés de soudage et applications industrielles**

[75h] 7 credits

This course is taught in the 1st and 2nd semester

Teacher(s): Bruno de Meester de Betzenbroeck
Language: french
Level: 2nd cycle course

Aims

To give real example of application of welding in the industry through lectures, seminars and visits of workshops.

Content and teaching methods

The content may vary from year to year according to the opportunities and the fields of students' interest. In a first part, some prerequisites relatives to the steels metallurgy and its recent developments are introduced. Among the other themes usually treated, one will mention in particular : the welding of stainless steels, the welding of Aluminium and its alloys, the application of fracture mechanics to welded structures, electron beam welding, # Visits of filler materials producer, welding equipments manufacturers, welding workshops, #