



**Build your own field robotics vehicle.**  
**Create the basis for your BSc or MSc Project.**  
**Join our summer course in August 2010.**

Why waste your summer vacation doing nothing at the beach, when you can have fun building an autonomous field robotics vehicle together with fellow students at the University of Southern Denmark?

Our summer course focuses on design and development of field robotics vehicles for sustainable biological production.



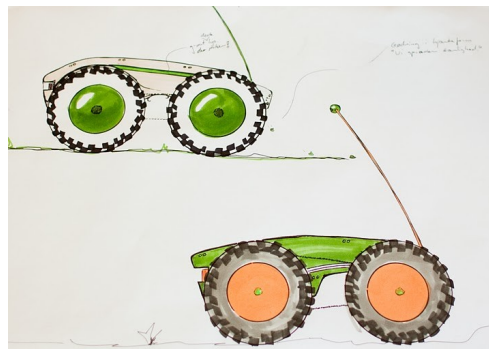
You will work in interdisciplinary project groups with students from design, mechanics, electronics, mechatronics, computer science, mathematics, physics etc.

Each group will build their own vehicle capable of killing weed in a maize field, and the groups will have an opportunity to participate in the international competition FieldRobotEvent in Denmark in 2011.

## Design – Engineering - Robotics

It will be a month of hard work and loads of fun. You will gain hands-on experience within your own field of expertise as well as in product design and development, project management and interdisciplinary work.

Many of the participants in previous summer courses have later on joined our research group either as MSc- or PhD students or as student programmers helping us with our research projects within plant nursing robotics.



- Title:** Design and development of Field Robotics Vehicles for Plant Nursing.
- Time:** August 2nd to 27th, 2010, full-time study.
- Location:** Faculty of Engineering, University of Southern Denmark, Odense
- Course data:** 7.5 ECTS, individual oral exam, grading according to Danish 7 point scale.
- Teaching form:** Introductory lectures (20 hours) and hands on work (160 hours).
- Requirements:** Enrolled in an engineering or science study program and passed the 4<sup>th</sup> semester in design, mechanics, computer science, physics, mathematics, etc.
- Course fee:** Free of charge for BSc and MSc students within EU as part of their curriculum. Students outside EU and Non-Students must pay 1740 Euro (DKK 12.950).
- Accommodation:** Please let us know as soon as possible if you need accommodation. We will try to help you finding a suitable place to stay.
- Course leader:** Kjeld Jensen +45 2778 1926 [kjen@kbm.sdu.dk](mailto:kjen@kbm.sdu.dk)

More info:

[www.fieldrobot.dk/summercourse](http://www.fieldrobot.dk/summercourse)  
[www.sdu.dk/fieldrobot](http://www.sdu.dk/fieldrobot)