Introduction to AI: Course Plan for 2019

September 27, 2019

Course Plan for Mondays

Week 36	02 Sep	♣	Introduction to AI
Week 37	09 Sep	♣	Introduction to Lego Kits
Week 38	16 Sep	♣	Behaviour-based AI
Week 39	23 Sep		Group Work on Sokoban Robot
Week 40	30 Sep	♣	Embodied AI
Week 41	07 Oct	♣	Symbolic AI: Knowledge Representation, Uninformed Search; First Report due
Week 42	14 Oct		Autumn Holiday Week
Week 43	21 Oct	♣	Feedback on Preliminary Reports
Week 44	28 Oct	♣	Symbolic AI: Informed Search Methods
Week 45	04 Nov		Group Work on Sokoban Robot & Solver
Week 46	11 Nov	♣	Elementary Planning and Hybrid Systems
Week 47	18 Nov		Group Work on Sokoban Robot & Solver
Week 48	25 Nov		Group Work on Sokoban Robot & Solver
Week 49	02 Dec		Sokoban Competition
Week 50	09 Dec		Robot Evaluation, Report writing
Week 51	16 Dec		Report hand-in deadline, 18–12–2018

The ♣ mark means that there will be a lecture or class meeting on that day, at 08:30 in U170.

Deadlines

You must hand in two group reports for assessment purposes. The first is a preliminary report describing your robot design, the second is a final report describing the complete Sokoban system you build (robot and solver). I'll circulate further guidance on report contents nearer the deadlines — for the first report, guidelines will be available at the start of week 40.

9th of October, 12:00 Preliminary report due, as PDF, by email to john@mmmi.sdu.dk and xizi@mmmi.sdu.dk.

One report per group, **marked clearly with your group number**, explaining your robot design. On the 21st of October, we'll meet to discuss your designs group by group – a schedule will be published nearer the time.

18th of December, 12:00 Final report due, as PDF, by email to john@mmmi.sdu.dk.

This report should describe your robot (design and testing), your Sokoban solver (design and testing) and the evaluation of the combination. One report per group, **marked clearly with your group number**.

This report is background material for your individual oral examination, which will be held in January 2020. More information on the exam format and content will be provided nearer the time.