

Course Practicalities

ASR course 2023 runs for 7 weeks and includes:

- 5 Lectures
- 5 Home assignments
- 1 Project

Tentative Timetable

Week	Lecture 1	Lecture 2	Project Work
1	Wed 25.10. 10.15-12.00 (U7, Otakaari 1)	Thu 26.10. 10.15-12.00 (R5, Otakaari 1)	Meeting with tutors and group members During lecture 2
2	Wed 1.11. 10.15-12.00 (U7, Otakaari 1)	Thu 2.11. 10.15-12.00 (R5, Otakaari 1)	Meeting with tutors and group members During lecture 2
3	Wed 8.11. 10.15-12.00 (U7, Otakaari 1)	Thu 9.11. 10.15-12.00 (R5, Otakaari 1)	Meeting with tutors and group members During lecture 2
4	Wed 15.11. 10.15-12.00 (U7, Otakaari 1)	Thu 16.11. 10.15-12.00 (R5, Otakaari 1)	Meeting with tutors and group members During lecture 2
5	Wed 22.11. 9.15-11.00 (U7, Otakaari 1)	Thu 23.11. 10.15-12.00 (R5, Otakaari 1)	Meeting with tutors and group members During lecture 2
6			Project presentations Wed 29.11. 10.15-12.00 (U7, Otakaari 1) Thu 30.11. 10.15-12.00 (R5, Otakaari 1)
7			Project presentations To be updated.

Lectures

Lectures will be given on campus at Otakaari 1 lecture room U7 PWC on Wednesdays (10.15-12.00) and Otakaari 1 lecture room R5 on Thursdays (10.15-12.00). The slides will be published in the [Lectures](#) section of Mycourses. Every lecture will contain a quiz and some quick pen & paper exercises that you'll need to submit to earn activity points. To prepare for the lectures:

- Study the corresponding material from text books, e.g. for the Jurafsky-Martin book the relevant chapters are listed in a file that can be found from MyCourses > Materials > [Mapping to Jurafsky's book](#). For other books, read chapters that match to the topics that you can see in the slides
- Download the slides (the first draft will appear slightly before the lecture)
- In the lecture it is recommended to have: a phone and pen & paper. Phone is needed for participating in the kahoot quiz and to take a photo of your pen&paper solutions and upload the file into the box in MyCourses > Lectures > Lecture Exercise

Assignments

There are 5 mandatory home assignments. The deadlines are every Wednesday at 23:59 (starting 1.11.). Submission boxes for the assignments are located in the [Assignments](#) section of Mycourses. Instructions will be published there too.

To help you with the assignments, TAs will be around at lecture 2 each week for questions. We will also have a course Zulip chat for asking questions and getting help from TAs and peers.

Project

Project work is a mandatory part of the course. The work is done in groups of 2-3 students and includes a literature study, experiments, a presentation of the results, and a final report. You'll be assigned to a group and a topic according to your answers to the [entrance survey](#). Each group will also have a tutor to support you through the course. The tutor will meet you every week to help you progress.

You can learn more about the project activities and deadlines in the [Project Work](#) section of Mycourses.

Grading

There is no exam, the grade is calculated based on the home assignments (50%), the project (40%), and the lecture activity points (10%). To be assigned to a project topic and a group, remember to fill in [the entrance survey](#) by Tuesday Oct 24th!

Help and Discussions

Please use our [Zulip](#) workspace for course-related discussions.
If you want to contact the course staff, please use the email address elec-e5510@aalto.fi

For more info, check the lecture slides.

Lecturer	Prof. Mikko Kurimo, mikko.kurimo@aalto.fi Anja Virkkunen, M.Sc.(Tech), anja.virkkunen@aalto.fi Anssi Moisio, M.Sc.(Tech), anssi.moisio@aalto.fi Dejan Porjazovski, M.Sc.(Tech), dejan.porjazovski@aalto.fi
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Language	English
Prerequisites	Basic mathematics and probability courses
Materials	Lecture slides and handouts. For recommended reading see the slides of the first lecture. Materials section in Mycourses contains additional materials for different topics in ASR.



Next section ►
Lectures



Tuki / Support

Opiskelijaille / Students

- MyCourses instructions for students
- email: mycourses(at)aalto.fi

Opettajille / Teachers

- MyCourses help
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