

<b>Technische Universität München</b> <b>Chair of Automatic Control Engineering</b> Dr.-Ing. Marion Leibold <b>Chair of Information-Oriented Control</b> Dr.-Ing. Stefan Sosnowski	<b>Syllabus</b> <b>Robot Control Laboratory</b> <b>Tutors:</b> M.Sc. Ozgur S. Oguz Wolfgang Rampeltshammer
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## Overview

The Robot Control Laboratory consists of four assignments and a practical implementation. Each assignment has a preparation time of two weeks and can be either done at home or in the programming tutorials. For the tutorials you can either bring your own computer or use one of the EIKON computers (login required). During the tutorials you can get assistance to solve issues in your code. There will be two tutorials for each assignment.

The grades for this course will be determined by an oral examination, which will take place during 2nd and 3rd week of January, and the assessment of the practical part, which will take place after the oral examination. The detailed schedule can be found at the end of this document.

## Submission

Each assignment has to be submitted on moodle before its deadline. Your code and the file with your personal data(name and immatrikulation number) have to be handed in as a zip-file. There will be sample files for each assignment on moodle. The input and output data have to be the same as in the sample files. If that is not the case, the submissions will be graded as a failure.

## Schedule for Simulation Assignments

Tuesday, 21.10.2014, 15:00-16:30	Kickof Meeting, room -0921
Tuesday, 28.10./4.11.2014, 15:00-16:30	Tutorial for assignment 1, room -0921
Friday, 7.11.2014	Submission Assignment 1
Tuesday, 11./18.11.2014, 15:00-16:30	Tutorial for assignment 2, room -0921
Friday, 21.11.2014	Submission Assignment 2
Tuesday, 25.11./2.12.2014, 15:00-16:30	Tutorial for assignment 3, room -0921
Friday, 5.12.2014	Submission Assignment 3
Tuesday, 9./16.12.2014, 15:00-16:30	Tutorial for assignment 4, room -0921
Friday, 19.12.2014	Submission Assignment 4
January 5-9 & January 12-16	Oral Examination

## Schedule for Practical Implementation

January 19-23 & January 26-30

## Grading

Final Grade =  $0.5 \cdot (\text{Total grade for 5 assignments}) + 0.5 \cdot (\text{Oral Exam})$