



# KON-C2004 - Mechatronics Basics, Lecture, 22.10.2024-12.12.2024

This course space end date is set to 12.12.2024   **Search Courses: KON-C2004**

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## 2.1 Sensors for a forklift - 5 points

Briefly describe (300-500 words) what kind of sensors you could use to determine the position of an autonomous forklift that works indoors in a warehouse environment. The forklift must locate itself as well as the pallets it is transporting, and the storage shelves inside the warehouse. Concentrate on evaluating the suitability of the positioning methods introduced during the lecture.

You can submit a draft of your essay and then review the originality report (there may be some delay before the report is available). If the originality report shows a large similarity score (larger than lets say 30 %) you may have either intentionally or unintentionally plagiarised some other text. The originality report can recognise several small fragments of your text from several other sources but this is not a problem. It is however a problem if there are several sentences clearly copy pasted from wikipedia etc. After reviewing the originality report you can fix the essay and resubmit it before it is graded. This of course has to be done before the due date. For a resubmission, the originality report is available only after a 24 hour delay. If the originality report is fine, you do not need to resubmit.

Maximum 5 points. Return a .pdf file.

My Submissions

Part 1

| Title  | Start Date          | Due Date           | Post Date          | Marks Available |
|--|---------------------|--------------------|--------------------|-----------------|
| 2.1 Sensors for a forklift - 5 points - Part 1 | 22 Oct 2024 - 10:00 | 5 Nov 2024 - 10:00 | 5 Dec 2024 - 08:00 | 5               |
| <div><div></div>Refresh Submissions</div>      |                     |                    |                    |                 |

|  | <div><div></div>Submission Title</div> | <div><div></div>Turnitin Paper ID</div> | <div><div></div>Submitted</div> | <div><div></div>Similarity</div> | <div><div></div>Grade</div> |    |    |
|--|--|---|---------------------------------|----------------------------------|-----------------------------|----|----|
|  | --                                     | --                                      | --                              | --                               | --                          | -- | -- |

### Previous activity

◀ Lecture 4 2023 recording

### Next activity

2.2 Position sensors - 5 points ▶

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