

t.LRTR - Trends and developments in aviation & space technology

Person responsible for the course: William Agius, agiu

Credits: 4

Valid for: 2011/2012

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Learning objectives:

The students:

- understand trends and hypes and know how to distinguish the two,
- have a good knowledge of current and future developments in aviation trends,
- are able to develop a case study for a future trend, taking into account the relevant factors of the trend analysis theory

Course content:

- Trends Research and Hypes and a selection of e. g.:
- future aircraft design,
- future propulsion,
- future aircraft systems,
- future flight operation,
- future airline marketing & branding,
- future regulations.

Previous knowledge:

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Teaching method:

| Type of lesson: | Number of lessons per week: |
|--------------------|-----------------------------|
| Lecture | 14*(2L+2L) |
| Tutorial/Practicum | |
| Group teaching | |
| Block instruction | |
| Seminar | |

Assessment:

According to the table or as specified in writing by the lecture at the beginning of the semester!

| Number | Type | Weighting |
|--------|---------------------------|-----------|
| 1 | End of term exam | 80% |
| 1 | Exams during the semester | 20% |
| | Further assessments | |

Language of instruction:

German and English

Instruction material:

Handouts and scripts provided by the various lecturers.

Comments:

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