

Method of Engineering Education2

Teacher Licence
Subjects Requisites
2 credit

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1. Course Description

Engineering educations in conformity with the time are learned, the desirable methods of teaching of career realization are discussed by each group.

After understanding the contents and tendency of an employment test for teachers, practice problems and interview manners are experienced. This lesson is related to DP3.

2. Course Objectives

The significance of the education course, the work contents and the current state and problems of career counseling are learned and considerations are added.

The objectives of the students in this lesson are to be able to follows:· Students can understand the significance of the teaching job, the contents of the job, the current situation of course guidance, and can publish important items.

· Students acquire a method to understand fundamental learning guidance theory and to teach classes designed for concrete class scenes.

· Students learn desirable teaching skills in industrial education, centering on course guidance such as employment and advanced studies.

· Students develop simulated lessons based on the learning guidance plan created and develop practical leadership skills.

3. Grading Policy

Students will be evaluated at 60% regular report and 40% report only if all reports are submitted.

Feedback and add explanations about points to be corrected when returning the report.

4. Textbook and Reference

Textbook

Nakamura, Shimada, Toyoda, MUnakata Research on Industrial Education Law
Jikyo publication (ISBN 978-4-34771-5)

5. Requirements(Assignments)

From the usual, please read news on education

6. Note

7. Schedule

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| [1] | Learning and teaching materials |
| [2] | Self-made teaching tools |
| [3] | Machines and equipment used for experiments and practical training |
| [4] | Simulated lesson by students (1) Machinery subject |
| [5] | Simulated lesson by students (2) Electrical subjects |
| [6] | Simulated lesson by students (3) Information system subject |
| [7] | Educational practice research and class design |
| [8] | Career guidance (1) Significance of interview |
| [9] | Career guidance (2) How to write submitted documents |
| [10] | Admission guidance (1) Issues and countermeasures for admission guidance |
| [11] | Admission guidance (2) Significance and teaching method of going on to enter from an industrial high school |
| [12] | Overall plan of course guidance |
| [13] | School management |
| [14] | Prospects of technical high school |
| [15] | Test, summary |