

Well-being Technology for All

2 units (selection)

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Target) To understand the philosophy of welfare and the classification of disability, and to learn the importance of assistive technology.

Outline) The role and the necessity of assistive technology will be explained, and provisions and means to assist a person with disabilities in daily living will be lectured.

Keyword) *assistive technology, a person with disability, aged people, assistive products, assist of daily living*

Goal) To understand the role and the necessity of the well-being technology, and to understand technical provisions and means to assist a person with disability in daily living.

Schedule)

1. History of rehabilitation engineering
2. Statistics of persons with disabilities
3. Classification of disabilities (1)
4. Classification of disabilities (2)
5. Infrastructure for persons with sensory impairments
6. Infrastructure for persons with physical impairments
7. Infrastructure for persons with intellectual impairments
8. Objective of a white cane and how to use it
9. experience of disability (1) : visual impairment
10. experience of disability (2) : visual impairment
11. Assistive products for transfer and mobility
12. Dynamics of wheelchair
13. experience of disability (3) : physical impairment
14. experience of disability (4) : physical impairment
15. Conclusion

Evaluation Criteria) Understanding of lecture will be evaluated through reports submitted after each lesson.

Textbook) To be introduced in the class

Contents) <http://cms.db.tokushima-u.ac.jp/cgi-bin/toURL?EID=216909>

Contact)

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