

Waste Disposal and Recycling

Syllabus Number

ENS-104

Elective

2 credit

OISHI, Fujio

1. Course Description

This course aims to study "Wastes Disposal and Recycling" to create new eco-business through the following articles; 1. What are wastes? 2. Garbage and compost 3. Industrial wastes 4. Industrial wastes; reclamation 5. Industrial wastes; incineration 6. 3R; Reduce/Reuse/Recycle 7. Chemical, thermal, material recycling 8. Chemical recycling into monomer, oil and components 9. Chemical recycling instead of cokes 10. Material recycling in molding 11. Material recycling after use 12. Application of wasted plastics and rubbers 13. Reproduction; wastepaper and used cans 14. Recycling; PET bottles 15. Discussion on sustainable society under the administration of President Trump.