

# Museology 4

Syllabus Number

9H201

Museum Curator  
Qualification Course  
Requisites 2 credit

## 1. Course Description

Museology 4 will be given on the preservation theory of museum collections. Preserving the valuable historical, academic, and artistic resources of the area is a fundamental mission of the museum. The purpose of this class is to acquire the basic idea and knowledge about the preservation of collections, and to understand the series of processes of preserving museum collections.

## 2. Course Objectives

The objective of this class is to review the survey and preservation methods for museum collections using scientific methods. In order to understand this, we will discuss about the identification of the materials consist of collections and analysis methods. Moreover, storage and repair methods for each collection and the design of the storage environment for museums will be also discussed. Further, we will discuss about the preservation activities at individual museums while utilizing video materials as needed to deepen their understanding.

## 3. Grading Policy

Grade will be evaluated by summing up the evaluation consist of class comment card (20%), the preparation of class note (40%), and the essay writing test (40%) where notebooks can be brought in the exam. Acceptance criteria will be more than 60%. Absence more than 4 times will not be allowed due to this is a qualification course. In principle, no retest will be performed.

\* A class note indicates a two-hole ring file (A4 size) that summarizes "class materials" and "memos recorded and organized by the student", etc. Notebook will be collected once in the latter half of the semester.

## 4. Textbook and Reference

Textbook

Textbooks are not specified. It will be distributed during the class as needed.

Reference

Kyoto University of Art and Design Introduction to Conservation Science for Cultural Properties

## 5. Requirements(Assignments)

Please read the textbook of museum preservation theory. Let's take a tour of the museums and art galleries and take the opportunity to think about the conservation issues that the museum collections have.

## 6. Note

If you are officially absent, please do not forget to inform to lecturer in advance.

## 7. Schedule

- [1] Introduction
- [2] Significance of preserving museum collections ①
- [3] Significance of preserving museum collections ②
- [4] Preservation history of museum collections
- [5] Material and degradation of museum collections
- [6] Condition investigation of museum collections ① (non-destructive analysis method)
- [7] Condition investigation of museum collections ② (destructive analysis method)
- [8] Preservation and restoration of museum collections ① (ceramic and metal)
- [9] Preservation and restoration of museum collections ② (wood and paper)
- [10] Replica creation and preservation of museum collections
- [11] Preservation environment of museum collections ① (temperature and humidity)
- [12] Preservation environment of museum collections ② (air pollution and light)
- [13] Preservation environment of museum collections ③ (biological damage and IPM)
- [14] Prevention of damage on museum collections
- [15] Test and conclusion