

Opasraportti

Open University - Technology (2012 - 2013)

Tutkintorakenteisiin kuulumattomat opintokokonaisuudet ja -jaksot

ay488201A: Environmental Ecology (OPEN UNI), 5 op

ay455518A: Interior Design (OPEN UNI), 5 op

ay451523S: Traditional Japanese Architecture and Garden Art (OPEN UNI), 5 op

ay455513A: Visual Arts III (OPEN UNI), 4 op

Opintojaksojen kuvaukset

Tutkintorakenteisiin kuulumattomien opintokokonaisuuksien ja -jaksojen kuvaukset

ay488201A: Environmental Ecology (OPEN UNI), 5 op

Voimassaolo: 01.08.2012 -

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Open University, Oulu

Arvostelu: 1 - 5, pass, fail

Opetus suunnattu: Open University, Oulu

Opintokohteen kielet: English

Leikkaavuudet:

488201A Environmental Ecology 5.0 op

ECTS Credits:

5 cr

Language of instruction:

English

Timing:

4th and 5th period

Learning outcomes:

The student is able to define the basic concepts of environmental ecology. He/she has knowledge about the state of the environment and is able to explain the essential environmental problems and the main effects of pollution. In addition, the student knows some solutions to environmental problems and is aware of ethical thinking in environmental engineering. The student also has basic knowledge about toxicology and epidemiology.

Contents:

Principles of environmental ecology. Roots of environmental problems. Global air pollution: ozone depletion, acid deposition, global warming and climate change. Water pollution, eutrophication, overexploitation of ground and surface water. Main effects of pollution and other stresses. Non-renewable and renewable energy. Energy conservation and efficiency. Hazardous and solid waste problem. Principles of toxicology, epidemiology, and risk assessment. Environmental ethics.

Mode of delivery:

distance teaching

Learning activities and teaching methods:

E-learning in the Optima learning environment.

Target group:

Master's degree students of the Department of Process and Environmental Engineering

Prerequisites and co-requisites:

The courses 477011P Introduction to Process Engineering and 488011P Introduction to Environmental Engineering recommended beforehand

Recommended or required reading:

Chiras D.: Environmental Science: Creating a Sustainable Future. New York, Jones and Bartlett Publishers, 2001, Materials in the Optima environment

Assessment methods and criteria:

Exercises and exam.

Grading:

The course unit utilizes a numerical grading scale 1-5. In the numerical scale zero stands for a fail.

Person responsible:

Rauli Koskinen

Working life cooperation:

No

ay455518A: Interior Design (OPEN UNI), 5 op

Voimassaolo: 01.08.2012 -

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Open University, Oulu

Arvostelu: 1 - 5, pass, fail

Opetus suunnattu: Open University, Oulu

Opintokohteen kielet: Finnish

Leikkaavuudet:

455518A Interior Design I 5.0 op

Language of instruction:

Finnish/English

Learning outcomes:

The aim of the course is to provide students with basic skills of interior design and to guide the students to practical design work.

Learning outcome: After completing the course the student can produce preliminary designs for an interior, utilizing various sectors of interior design in a creative manner.

Contents:

Lectures deal with basic concepts of interior design and the connection between architecture and interior design. The focus is on materials, colours and lighting of the space, design of fixed furniture and textiles. The exercise work is a sketch level design of an interior. Visits to designed interiors are included in the course.

Learning activities and teaching methods:

The course is intended for 4th year students and is part of the Architectural Design orientation module. The course is taught both in English and Finnish.

ay451523S: Traditional Japanese Architecture and Garden Art (OPEN UNI), 5 op

Voimassaolo: 01.08.2012 -

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Open University, Oulu

Arvostelu: 1 - 5, pass, fail

Opetus suunnattu: Open University, Oulu

Opintokohteen kielet: Finnish

Leikkaavuudet:

451523S Traditional Japanese Architecture and Garden Art 5.0 op

Language of instruction:

Finnish

Timing:

The course is arranged according to the program of the Open University

Learning outcomes:

The aim of the course is to introduce the basics of Japanese architecture and garden art as well as the literature of the field.

Learning outcomes: After completing the course the student is able to describe the historical eras of Japanese architecture. He / she can evaluate the tradition of Japanese architecture and garden art as a whole and recognize the most essential examples of existing building tradition, as well as the traditional values of Japanese culture and their reflections in the built environment.

Contents:

Lectures on Japanese traditional architecture and garden art. The content of the course varies yearly.

Mode of delivery:

Lectures

Learning activities and teaching methods:

Lectures 24h

Target group:

Elective course, arranged as an intensive course

Prerequisites and co-requisites:

The course is organized by the Open University

Recommended or required reading:

Separate list of literature will be delivered during the course

Assessment methods and criteria:

Essay

ay455513A: Visual Arts III (OPEN UNI), 4 op

Voimassaolo: 01.08.2012 -

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Open University, Oulu

Arvostelu: 1 - 5, pass, fail

Opetus suunnattu: Open University, Oulu

Opintokohteen kielet: Finnish

Leikkaavuudet:

455513A Visual Arts III 4.0 op

Voidaan suorittaa useasti: Kyllä

Ei opintojaksokuvauksia.