Elective Courses for Semester 1/2018

18 July 2018

ARC 356 Landscape Architecture II   3(2-2-6)

Prerequisite: none

This course emphasizes on the profession of Landscape Architecture and its role within Urban Planning: Knowledge of site planning and landscape architecture that involve in more complicated factors of human behavioral, social, cultural, and urban contexts. The complexity of site engineering, site drainage system, ecological system, local community. Vehicular and pedestrian circulation. Designating different structures by selecting and analyzing a site, forming a land use plan. Theory and history of landscape architecture. Aspects of park system and urban space atmosphere are the crucial topics for creating the design that unify architecture, human and all aspects of nature together seamlessly. Readjusting the existing landform design grading, providing proper drainage. Developing the construction details connecting structure and landform.

ARC 492 Building Cost Estimation   3(3-0-6)

Prerequisite: none

Studies include introduction into organizational and financial concerns for buildings; interior architects, architects, engineers and builders relationships; organization of their work; studies of cost estimation according to material prices, wages, instrument, and management costs in various type of buildings. Studies of other factors that influence initial costs such as construction contract liability, special specification contact liability, special specifications, and labor.

ARC 452 Special Topic Study: Revit   3(2-2-6)

Couple years ago, most architecture job descriptions would state that knowing how to use Revit is a plus. Now, most international firms expect you to know Revit. It has become one of the most important computer programs that is widely used in most countries around the world. However, the program is considerably new to Thailand, and there are not many users at the moment. This course will offer you all the essential knowledge in Revit that will ultimately give you an advantage in the professional world as architectural designers.

ARC 453 Special Topic Study: Hospitality Design and Hotel Operation

Management 3(2-2-6)

Hospitality Design and Hotel Operation Management, this class will teach you how to start a successful hotel business focused on Boutique Hotel and Hostel. Not only architectural and interior design aspects are studied, but hotel operations are included. Moreover learners will better know the chains-hotel criteria, hotel related law and Regulation and understanding hotel departments for example front office, reservation, housekeeping, and food and beverage (F&B).

INA 326 Thai Ornament   **3 (2-2-6)**

Studies include detailed decorative elements, which are used as special features in Thai architecture both for interior and exterior design. The study includes field surveys and studio design works.

INA 455 Special Topic Study: Adaptive Heritage Reuse   **3(1-4-6)**

This subject examines the history and theory of historic preservation, focusing on Thailand, but with reference to traditions and practices in other countries. The class is designed to examine the largely untold history preservation movement in this country, and explore how laws, public policies and culture attitudes. The class will give students a grounding in the history, to theory and practice of historic preservation, but is not an applied, technical course.

INA 456 Special Topic Study: Spirit of Place and Design   **3(2-2-6)**

Learn how to create programming from the initial sense of adhere to spirit of place from human perceptions.

IND 232 Craft Product Design   3(2-2-6)

Prerequisite: none

Principles of handicraft and industrial craft design. Aesthetics, values, design and making processes of handicrafts. Exploration of materials and techniques.

IND 256 Special Topic Study: Jewelry and Small Metalsmiths Design   3(1-4-6)

This class is suitable for Participants who would like to learn jewelry making from basic to advance. The Participants will learn many techniques and getting the special exercises of jewelry making to develop your skill and creative concept in your own way. Participants work in copper, brass, sterling silver.

IND 257 Special Topic Study: Multi Sensory Interaction and Experience Design for Special People   3(1-4-6)

Principle of designing multi-sensory interaction including visual and sound for enhancing user experience interface in usability, perception, and emotion for people with constrain capability.

IND 331 Independent Study   3(1-4-6)

Prerequisite: none

Study and exploration on a special study topic of the faculty's and the students' mutual interest.

IND 356 Computer-Aided Industrial Design   3(1-4-6)

Prerequisite: none

Computer software for product design and development. Basic and advance techniques for three dimensional modeling. Computer-software-generated image production technique.

IND 433 Interface Design   3(2-2-6)

Prerequisite: none

Principles and methods for interactive product and interface design. Focusing on usability, effectiveness, engagement and user needs when interacting with artifacts and systems.

IND 465 Product Characteristics   3(2-2-6)

Prerequisite: none

Analysis of products serving same function in terms of product attributes, product properties, product appearance, product identity, product differentiation, manufacturing, marketing, consumers, design direction, tradition and culture influencing design. Application to design.

IND 467 Consumer Trend and Lifestyle   3(2-2-6)

Prerequisite: none

Consumer trend forecasting and lifestyle study. Global and local focus. Identifying design opportunities.

CMD 214 Corporate Identity and Brand Strategy 3(2-2-6)

Prerequisite: none

Design for corporate and brand identity. Historical and social contexts of branding. Role of design in the formation and functions of identities and brands.

CMD 215 Typographic Communication 3(2-2-6)

Prerequisite: none

Typographic treatments within complex textual system. Content and typography, and organization of textual information.

CMD 333 Screenwriting 3(1-4-6)

A practical introduction to the art and craft of screenwriting. Basic elements and principles of screenwriting, such as: synopsis, treatment, characterization, dialogue, visual writing, story paradigm, storytelling strategies, and narrative structure, as well as film conventions and theories are introduced. This course locates screenwriting within the context of cinema production specifically, as well as within the arts as whole. As an outcome students produce short works written in conventional screenplay format.

CMD 361 Special Topic Study: Introduction to Printmaking 3(1-4-6)

Prerequisite: none

This course covers the distinctive nature of printmaking including: tools, inks, paper, plate preparation, registration, printing processes and qualities of prints e.g. overlays, transparency, offset. The goal is for students to gain the skills and confidence to produce multiple images by hand printing and on a press while exploring visual expression. Hand printmaking techniques will engage the student with problem solving in drawing, design and color. Topics may include editions, suites and designation systems. Class sessions will comprise independent and collaborative printing and, lecture, demonstrations, discussion, and critique.

CMD 362 Special Topic Study: Web Development for Designer 3(2-2-6)

Prerequisite: none

This course introduces students to development concepts, processes, standards, tools, and techniques that use to create a modern web site. The course includes practical exercises on creating web pages using modern concepts, tools, and techniques.

CMD 363 Special Topic Study: Web Design 3(2-2-6)

This course introduces students to the web design and development lifecycle. The course focuses on theory, tools, techniques and standard in the design phase including layout design, interface design, components of web e.g. typography, color, media, contents, etc. It also covers the standards and trend in modern web design such as responsive web design (RWD) and other modern concepts in web design. The practical exercises cover the usage of tools and techniques in design a web including the implementation of design into a real web site using a current available instant web implementation tools.