

Greetings from the President

Saitama Institute of Technology
President Shunichi Uchiyama

The present and coming society is often called a “knowledge-based society” in the sense that the importance of new knowledge, information and technology is greatly increased as a basis for every kind of activity. In such a society, the creation of new knowledge, information and technology is highly important, and that specialized knowledge is needed to empower and enrich people culturally and materially, and to build a sustainable society.

In our university, we have two graduate schools that are run in order to educate and train talented persons who can play an active part in this knowledge-based society. The two schools are the Graduate School of Engineering and the Graduate School of Human and Social Studies.

In the Graduate School of Human and Social Studies, which was founded in 2006, there are two departments: the Department of Informational Society Studies and the Department of Psychology. Based on the general education and early specialization given in the Undergraduate Course, the Master’s Courses offer further specialization and research.

Both departments have two fields of education and research. The Department of Informational Society Studies consists of an MA Course in Social and Information Systems and an MA Course in Digital Creation. In the former course, we examine how socio-information systems are constructed to enable knowledge-based public or business administrations. In the latter course, students learn how to create multi-media digital material such as computer graphics, animation and computer music. The Department of Psychology also has two MA fields: Experimental Psychology and Clinical Psychology. In the former course, education and research are conducted to understand the workings of the mind, making full use of scientific methods. In the latter course, practical training and research are carried out to educate and train both Licensed Psychologists and Clinical Psychologists.

Today we see many young people trying to change the present situation for future generations, and playing a very active part internationally in various fields such as technology, human sciences and arts. We can expect much of such young people. We strongly hope that SIT students will make a great contribution to society, having their basis in the local community, its industry and culture. I believe that we feel happier when each individual realizes her or his own potential, while at the same time, working together to attain the goal. In the process, new discoveries will be made and various problems will be successfully solved. With this hope in mind, we would like to welcome applicants who have original ideas, strong wills and dreams for the future.



Graduate School of Human and Social Studies

This Graduate School consists of the Department of Informational Society Studies and the Department of Psychology, each offering an MA. The two departments found their studies in the understanding of human behavior, communication, and the concepts and ways to express, realize and apply knowledge. They have the same goal in that each department promotes interdisciplinary studies of the meaning of 'human' and 'society' in order to face the numerous problems that exist in today's society and create a hopeful future for humankind.



◇ Department of Informational Society Studies ◇

The MA course in Social and Information Systems and the MA course in Digital Creation aim to provide and advance knowledge and skills concerning various aspects of the informational society, from business and administration to artistic creation, informed by the study of informatics.

◇ Department of Psychology ◇

The Department of Psychology offers graduate MA training in either Clinical Psychology or Experimental Psychology. The central objectives of these two courses are designed to train students as researchers, professional psychologists, and Licensed Psychologists, and Clinical Psychologists. The two courses also provide a broad range of knowledge and skills for students who plan to go on to a doctorate or seek careers in the public services.

◇The Critical Characteristics of our MA Training◇

Here are the critical characteristics of our Psychology Department that ensure future success as research psychologists and Clinical Psychologists:

- 1 A wide variety of courses in Experimental or Clinical Psychology
- 2 Intensive training in small class settings
- 3 Advanced research facilities for cutting-edge scientific work
- 4 Clinical experiences at the Training and Research Center of Clinical Psychology

Department of Informational Society Studies

◇ MA course in Social and Information Systems ◇

This course aims to enable students to apply an in-depth knowledge of administration and management to real situations, and to acquire advanced skills in Information Technology. The course is intended to give professional postgraduate training to students wishing to pursue careers as IT project managers and IT consultants in order to meet the demands of a knowledge-based society for greater creativity and conceptual agility. This course is, also, concerned with training students to be professionals with a highly specialist knowledge, like the CIOs (Chief Information Officers) responsible both for business administration and IT strategy.

Takahashi Koji Professor Doctor of Science (Kyoto University)

◆ Research Topics

Evolution of star clusters; Computer simulation; Data analysis
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◆ Field of Research and Teaching

Massive amounts of data are being produced continuously in today's advanced information society. In order to extract useful information from such data, it is necessary to use computer systems that enable adequate data processing with high speed. Aiming to develop such systems, we study various computer-aided data processing procedures such as search, classification, statistical analysis, and data mining. We also apply these procedures to the analysis of social phenomena to check their usefulness.

Murayama Youji Professor Doctor of Engineering (Nihon University)

◆ Research Topics

Digital Marketing; Optimization; Simulation; Business Process Efficiency
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◆ Field of Research and Teaching

We study to solve various management problems using computer science. We perform modeling and optimization for a wide range of real problems such as marketing strategy, production and distribution management, and business processes. We are also studying the application of AI (machine learning), genetic algorithms, swarm intelligence, etc. as solutions.

Hayashi Nobuyoshi Professor MBA (Yokohama National University)

◆ Research Topics

Business model

◆ Field of Research and Teaching

It is necessary to offer superior value to customers so that companies grow up continuously. Companies perform activity such as research and development, production, logistics, sale, for getting such a superiority. We study superior business models by investigating and analyzing real company activities.

Nagamoto Yoshihiro Professor

◆ Research Topics

Correlation between linguistic expression and political or historical context

◆ Field of Research and Teaching

As the essential function of language lies in communicating matters to maintain and expand one's own interests, it is an eternal and immutable truth that linguistic expressions do not faithfully reflect objectivity. This applies to the forum of politics or history as well. In the case of our country, for example, where diplomacy is conducted in a foreign language (mainly English), the expression and interpretation of a foreign language or its Japanese translation can sometimes prescribe the political conditions of the country in the future and can even invite a situation that determines 'war and peace.' To put it differently, as long as no clear problem in the writing style can be found, there occur expressions or interpretations that are subjective or arbitrary in terms of national conditions and from a strategic point of view. This course aims to make a study of correlation between linguistic expressions and political or historical context.

Tanaka Katsuaki Associate Professor. Master of Informatics (Waseda University).

◆ Research Topics

Accumulation and Reorganization of Time Series Documents

◆ Field of Research and Teaching

His research interest is in handling information with elapsed time. His research interests also include text analysis, design support systems, and interactive systems for computational support for human creativity. He teaches Introduction to Programming, Information Systems, Natural Language Processing

Motoyoshi Hiroyuki Associate Professor. MBA (Waseda University)

◆ Research Topics

Management strategy, Business Planning

◆ Field of Research and Teaching

The theme is "How can we create consumers and projects that impress and surprise many people?" From many examples, we will study new projects and products that have changed people's lives. You will also acquire the ability to learn a lot from failure cases, generate ideas, and come up with solutions to various problems.

LI Yanhong Lecturer. Ph.D. in Law (Waseda University).

◆ Research Topics

Corporate Control, Class of Shares, Dual Class Structures, Corporate Finance.

◆ Field of Research and Teaching

We study corporate control through dual class structures. Companies with dual class structures create a low-vote class of shares entitled to one vote per share, and a high-vote class of shares entitled to several votes per share. There is a principle of One Share One Vote around the world. But a number of high-profile companies recently have gone public with dual class structures, including Alibaba, Facebook, Google, LinkedIn, and Zynga. Although opponents argue that dual class structures destroy shareholder value, there is compelling evidence that these structures can benefit companies, shareholders, and capital markets. Our theme is dual class structures under the company law and stock exchange rules.

Hirata Fumiko Lecturer. Master of Education (Japan Women's University)

◆ Research Topics

Research on educational thought (Rousseau, Durkheim, Comenius, etc.), Comparative study of educational systems in various countries, Religion and education

◆ Field of Research and Teaching

The practice of education has been around since the beginning of human history. We will consider the activities and ideas of education as they appear in various forms in different cultures. The education is not limited to the school setting. It also takes place in businesses and homes. By taking a broad view of the concept of education rather than a limited framework, we will be able to broaden the scope of our research. For example, the relationship between education and religion is an interesting research topic.

◇ MA Course in Digital Creation ◇

Taking into account today's cultural trends and the latest research in information science, this course is designed for students to develop advanced skills in computer graphics, computer music, multi media and related areas. In order to facilitate these objectives, students are intensively instructed in small groups in how to exploit the digital content of image and sound. This program of studies is intended to give professional postgraduate training to those who wish to pursue careers not only as artists in their own right, but also as innovators in today's ever-changing society, such as in the fields of administration, public relations in private companies and the mass media.

Nakagawa Yoshihiro Professor Master of Arts (Tokyo National University of Fine Arts and Music)

◆ Research Topics

Potential of musical expression by means of digital sound instruments and its application; Production of an interactive piece using "Max"; An algorithm compositional technique using "Max"; Sound synthesis and music production using "Csound"

◆ Field of Research and Teaching

Recently, music production has changed remarkably with the emergence of digital machines such as computers. Nowadays, one laptop can perform many different functions such as musical scores, musical instruments, players and a recording studio. This does not only mean the pursuit of efficiency, but it also raises the possibility that the meanings of the music will change. We will research into aspects of current musical expression of the new times with more attention to that possibility. Concretely we will produce sound works, using both actual sounds and sounds synthesized on the computer. We will also research the possibility that a computer thinks instead of a composer, like the algorithm composition and the computer-assisted composition.

Miyai Rika Professor MA (Osaka University)

◆ Research Topics

Pure Land Buddhism in China; A study of Chinese Buddhist encyclopedias; Religious factors in Japanese comics

◆ Field of Research and Teaching

The object of research in our seminar is the thought and religion of China and Japan. It specifically centers on reading and comprehending Chinese and Japanese classics. I hope that our study will go beyond exegetics, and that it will produce new and lively ideas which will be useful to modern society, by deepening our speculation through delving into the ancient wisdom.

Morisawa Yukihiro

Professor

Master of Media Design (Keio University)

◆Research Topics

Computer Graphics, Human Computer Interaction, Mixed Reality, Multi-modal media

◆Field of Research and Teaching

The creativity and lifestyle of human beings has been changed by the new digital technology. He has researching about possibility of the digital technology used to human communication and creativity. Through the research activity, we aim to learn of digital content creation skills that required to the digital creators. Also, We will research about the future of the digital media, ubiquitous computing, and production of a digital animation, digital fabrication, graphic design, and new type of social media service through the internet.

Danjo Makoto

Associate Professor

MA in Media Design (Keio University)

◆Research Topics

Research of the digital-contents work using computer graphics

◆Field of Research and Teaching

The digitized contents which give added value to media have the important role of making people rich in spirit. He wants to bring up the talented person who can create pleasure and impressed digital contents to people by oneself, and can contribute to creative industry. The purpose of this research is, thorough the real work which mainly used 2DCG and 3DCG, to get creativity and power of expression while taking in knowledge and a technique to be required.



Department of Informational Society Studies

Advanced Studies in Information and Knowledge Processing

Advanced Studies in Information Security

Advanced Studies in East Asia Philosophy

Analytical Studies on English Sentence Structure I

Analytical Studies on English Sentence Structure II

Advanced Seminar on Information and Knowledge Processing

Advanced Studies in Educational Culture

MA Course in Social and Information System

Advanced Studies in Corporate Strategy

Advanced Studies in Management Information Systems

Advanced Studies in Decision Support Systems

Advanced Studies in Social Simulation

Advanced Studies in System Development Methodologies

Advanced Studies in Network Systems

Advanced Studies in Regional Information Systems

Advanced Seminar on Information Society I, II, III, IV

Advanced Seminar on Projects to Create Information Systems,

Level I, II, III, IV

MA Course in Digital Creation

Advanced Studies in Man-Machine Interface

Advanced Studies in Data Processing for Multi-media

Advanced Studies in Creating Images

Advanced Studies in Motion Pictures

Advanced Studies in Digital Sound Representation

Advanced Studies in Media Sound Composition

Advanced Studies in the Psychology of Perception

Advanced Seminar on Digital Content Creations, Level I, II, III, IV

Department of Psychology

◇ MA Course in Clinical Psychology ◇

The main objective of this course is to train graduate students as Licensed Clinical Psychologists. Practical training leading to the professional certification of graduate students will be carried out under the supervision of Clinical Psychologists at the Training and Research Center of Clinical Psychology at SIT.

Miura Kazuo Professor MA(Sophia University) Certified Clinical Psychologist
Certified Public Psychologist

◆ Research Topics

The process of personal psychotherapy ; The process of sand play therapy

◆ Field of Research and Teaching

Research the individual process of personal psychotherapy, the group process of sand play therapy.
And the approach of therapeutic home tutors, volunteers.

Horojwa Hideaki Professor Ph.D. (International Christian University)
Certified Clinical Psychologist, Certified Group Psychotherapist

◆ Research Topics

Relations between the group process and the therapeutic change in group psychotherapy; Group psychotherapeutic intervention to the educational community; Practice and effectiveness in psycho-education; Intelligence community and psychological support

◆ Field of Research and Teaching

Effectiveness, group process, and management of group psychotherapy. Collaboration between the clinical psychology and the educational community. Students personnel service. Social networking service.

Tomoda Atsuko Professor

MA (Tokyo Metropolitan University)

Certified Clinical Psychologist

Certified Public Psychologist

◆ Research Topics

Involvement of psychosocial factors in recovery from the depressive mood

◆ Field of Research and Teaching

In the main, my research activities are in the area of psychosocial health. Examples of my current research interests include (but are not limited to) the effects of such things as stress, attributional style, and social support at the onset, the recovery and prevention of psychological disorders (e.g. depression and anxiety disorders). I am particularly interested in the social psychological paradigm which focuses on the relationship between interpersonal relationships and psychological health. My research looks at how interpersonal and intrapersonal processes implicated in human interactions affect mental health.

Fujimaki Ruri Associate Professor Ph.D. (Kyoto University) Certified Clinical Psychologist

Certified Public Psychologist

◆ Research Topics

The study on approaches in the play therapy of infants or children with developmental disorders

The study on images as a viewpoint of the psychotherapy

The study on process of the therapist's consciousness

◆ Field of Research and Teaching

My research is concerned with the psychotherapeutic process; process of the therapist's consciousness, inter-subjective approaches to infants or children with developmental disorders, images as the viewpoint of psychotherapy, and so on. Our research is based on the 'clinical attitude', in a wide sense; that means committing in events and reflecting the process later.

Muranaka Masaki Lecturer Ph.D. (Nihon University) Certified Clinical Psychologist

Certified Public Psychologist

◆ Research Topics

The research about mental health in the industrial labor.

Examination about the connection personality interpersonal-relationships and depression.

◆ Field of Research and Teaching

Our laboratory investigates factors such as the personality connection with the mental health including interpersonal relationships, stress and the depression from the viewpoint of clinical psychology and social psychology. In particular, we are interested in about a mental health and the carrier development these are considered to be problem in the field of industrial labor. We focus on empirical research based on data for the method of the research.

◇ MA Course in Experimental Psychology ◇

The MA Course in Experimental Psychology emphasizes major research areas in Experimental Psychology including behavioral neuroscience, the behavioral sciences, especially the cognitive sciences. The curriculum is designed to foster well-trained research psychologists as well as those students preparing for employment in academic and research fields or the public services. During the first year of graduate work, students are allowed to be involved in experiments in any one of the laboratories. Under the supervision of a member of the teaching staff, students are required to conduct research which will eventually be written up as a master's degree thesis, as well as doing the required course work.

Soga Shigeji Professor PhD (Chiba University)

◆ Research Topics

Phenomenal analysis of visual perception of Motion and Depth.

◆ Field of Research and Teaching

This laboratory studies perception of Motion and/or Depth under phenomenological point of view. Present main interest of study is “OBAKE(ghost)” effect in Japanese animation technique. “OBAKE” effect is one of apparent movement variation. Usually at apparent motion study, similar two objects are presented alternately. In situation of “OBAKE” effect, three objects are presented of which first and third are similar in shape, but second object has different shape. In this condition, at optimal SOA, loci of apparent motion are variously changed. Effects of OBAKE shape to perceived locus of movements are studied.

Kawahara Tetsuo Professor MA (The University of Tokyo)

◆ Research Topics

Text comprehension and knowledge acquisition; Computational models of language acquisition; Analogical problem solving; Experimental studies of metaphor comprehension; Neural network model of category learning

◆ Field of Research and Teaching

Our laboratory studies online cognitive processes of human inductive learning, i.e. how we acquire knowledge, skills, language, etc., based on psychological experiments, computer simulations, and theoretical explorations. We also study how we use this acquired knowledge and skills, and what hinder their effective applications in the real world. Laboratory members study and learn methods of psychological experiments, data analysis, computer simulations, and manipulation of devices such as eye-mark recorders and tachistoscopes.

Ohtsuka Satoko Professor PhD (The University of Tokyo)

◆ Research Topics

Spatio-temporal properties of visual depth perception; Visual object recognition and observers' movements

◆ Field of Research and Teaching

Our laboratory aims to understand the spatial and temporal properties of visual three-dimensional perception. To perceive three-dimensional spaces from two-dimensional retinal images, the visual system uses information provided with depth cues such as binocular disparities (retinal disparities between two eyes) and motion parallax (retinal motion disparities yielded with the observer's head movements). We will investigate how the visual system detects, processes, and integrates the depth information. We will also measure viewers' active eye- and head-movements to study their effects on space perception and object recognition.

Department of Psychology

MA Course in Clinical Psychology

Course descriptions

Lectures

Advanced Studies in Clinical Psychology I, II
Advanced Studies in Approaches to Clinical Intervention I
(Theory and Practice of Psychological Support)
Advanced Studies in Approaches to Clinical Intervention II
Advanced Studies in Research Methods in Psychology
Lecture Series on Research Methods in Clinical Psychology
Advanced Studies in Psychology of Learning
Advanced Studies in Cognitive Psychology
Support Theory and Applications in Forensics and
Criminology Area
Advanced Studies in Social Psychology
Support Theory and Applications in Social Welfare Area
Support Theory and Applications in Medical and Health Area
Support Theory and Applications in Educational Area
Support Theory and Practice for Family, Group, and Community
Advanced Studies in Psychotherapy
Advanced Studies in Infant Psychology I,II
Advanced Studies in Counseling of Adolescence
Support Theory and Applications in Industry and Work Area
Theory and Practice for Mental Health Education

Seminars

Advanced Seminar on Psychological Assessment I
(Theory and Practice of Psychological Assessment)
Advanced Seminar on Psychological Assessment II

Practice

Basic Practice in Clinical Psychology I, II
Practice in Clinical Psychology I, II
Advanced Practical Training in Psychology I, II, III, IV

Work on Master's Thesis

MA Course in Experimental Psychology

Course descriptions

Lectures

Lecture Series on Experimental Psychology I,II
Advanced Studies in Cognitive Psychology
Advanced Studies in Psychology of Perception
Advanced Studies in Visual Information Processing
Advanced Studies in Psychology of Learning
Advanced Studies in Research Methods in Psychology
Advanced Studies in Social Psychology
Support Theory and Applications in Social Welfare Area
Support Theory and Applications in Forensics and
Criminology Area
Support Theory and Applications in Medical and Health Area
Support Theory and Applications in Industry and Work Area
Theory and Practice for Mental Health Education

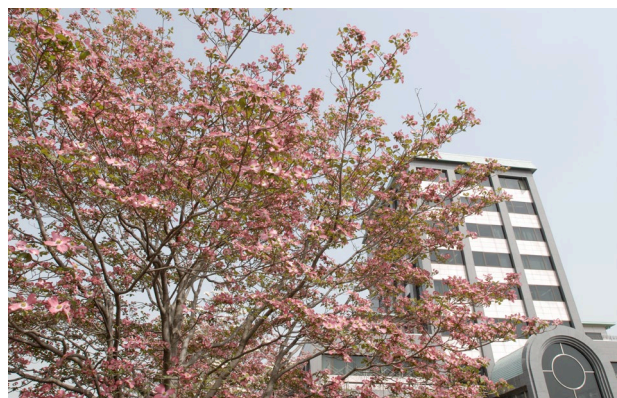
Seminars

Advanced Seminar on Cognitive Psychology
Advanced Seminar on Psychology of Perception
Advanced Seminar on Visual Information Processing

Work in the Laboratory

Laboratory Work in Experimental Psychology I,II

Work on Master's Thesis



◆ Training and Research Center of Clinical Psychology



The training and research center of Clinical Psychology at SIT has been in operation since May 2004 at a location near Okabe JR station. The purposes of this center are to provide clinical psychological services, and introductory lectures on psychology for the local community; and to give practical training in clinical assessments, and interventions to students enrolled in the graduate course of Clinical Psychology at SIT.

Psychological Services Unit of TRCCP

At the psychological services unit, certified clinical psychologists apply counseling and other psychological approaches to people with psychological problems, such as developmental disorders, non-attendance at school, delinquency, and other related problems.

◆ Support Systems for Graduate Students

SIT Graduate School Scholarships

Objective: To support the research activities of graduate students, scholarships will be awarded to those fulfilling the following conditions:

Scholarships will be awarded to a student whose research paper has been published in an academic society journal (where papers are selected by referees). The writers of the two best research papers, as judged by the Dean of the Graduate School, will be recommended to the President of SIT for the two scholarships awarded each year (currently worth ¥ 100,000 each).

However, if there is any difficulty in selecting two awardees, the amount of scholarship money can be changed to suit the circumstance.

Japan Student Services Organization Scholarship

The above society provides selected individuals with scholarships, according to the following terms:

Loan without interest: ¥ 50,000 ¥ 88,000 per month (Master's Course)

Loan with interest: Amounts such as ¥ 50,000, ¥ 80,000, ¥ 100,000, ¥ 130,000, or ¥ 150,000 can be chosen (Master's Course).



Teaching Assistant System

A graduate student can be a teaching assistant for classes involving experiments and practice.

A graduate student can work as a teaching student in the undergraduate school. There is a limit of eight hours teaching allowed. However, the number of teaching hours available varies according to the type of assistance work being performed.

Support System for Admission

Any successful applicant who cannot enter the graduate school for economic reasons should be aware that there are loans and scholarships available.

Admission Fee Exemption

A graduate or graduate-to-be of SIT can be exempted from the admission fee for the Master's Course (¥ 250,000).