

## Optical Science and Technology

### ● 専門教育科目

**Ecosystem Engineering** ...Kidoguchi · Kozuki · Kondo · Hashimoto · Fujisawa ·

Okushima · Matsuo · Yamanaka · Tomita · SATO · Ito · Nada/2nd-year(1st semester)

**Chemical Reactions 1** ...Tanaka/2nd-year(1st semester)

**Chemical Reactions 2** ...Tanaka/2nd-year(2nd semester)

**Probability and Statistics** ...Imai/3rd-year(1st semester)

**Image Processing** ...Niki/3rd-year(2nd semester)

**Geometrical Optics** ...Suyama/2nd-year(1st semester)

**Engineering Ethics** ...Okamura · Kobayashi/3rd-year(1st semester)

**Laboratory in General Physics** ...Kawasaki · Nakamura/1st-year(2nd semester)

**Optoelectronic Instruments Design and Exercise** ...Niki/3rd-year(2nd semester)

**Polymer Chemistry** ...Tanaka/3rd-year(2nd semester)

**Computer Fundamentals** ...Kawata/1st-year(2nd semester)

**Statistical Thermodynamics of Materials 1** ...Mori/2nd-year(1st semester)

**Statistical Thermodynamics of Materials 2** ...Mori/2nd-year(2nd semester)

**System Analysis** ...Niki/2nd-year(2nd semester)

**Fundamentals of Communication** ...Goto/2nd-year(2nd semester)

**Vocational Guidance** ...Sakano/4th-year(1st semester)

**Signal Processing** ...Niki/3rd-year(1st semester)

**Numerical Analysis** ...Takeuchi/3rd-year(1st semester)

**Production Control** ...Sano/4th-year(2nd semester)

**Design, Drawing and Machining Exercise** ...Committee Member of School  
Affair · Kuwahara/3rd-year(2nd semester)

**English for international communication** ...Part-time Lecturer/3rd-year(1st  
semester)

**English for technical communication** ...学年担任/4th-year(2nd semester)

**Graduation Study** ...All teachers of Optical Science and Technology/4th-year(whole  
year)

**Seminar on Industrialization of Intellectual Property** ...Deguchi/  
4th-year(2nd semester)

**Intellectual Property** ...Fujii · Yano · Iida · Yamauchi · 京和/4th-year(1st semester)

**Electrical Circuit Theory 1** ...Haraguchi/1st-year(1st semester)

**Electrical Circuit Theory 2** ...Haraguchi/1st-year(2nd semester)

**Electricity and Magnetism 1** ...Goto/1st-year(1st semester)

**Electricity and Magnetism 2** ...Suyama/1st-year(2nd semester)

**Electronic Circuits** ...Yamamoto/2nd-year(2nd semester)

**Introduction to New Business** ...Vice chairperson of School Affairs Committee ,  
Faculty of Engineering · First-line men with experience of practical business/4th-year(1st  
semester)

**Thermal Physics** ...Kishimoto/2nd-year(2nd semester)

**Pattern Recognition** ...Niki/4th-year(1st semester)

**Wave Optics** ...Mori/2nd-year(2nd semester)

**光の基礎** ...Suyama/1st-year(1st semester)

**Optical and Electronic Properties of Materials 1** ...Haraguchi/2nd-year(1st  
semester)

**Optical and Electronic Properties of Materials 2** ...Haraguchi/2nd-year(2nd  
semester)

**Analog Optical Computing** ...Yamamoto/3rd-year(1st semester)

**Optical Science and Technology Computation Exercise** ...Haraguchi ·  
Mori · Tezuka · Kawata · Okamoto · Yamamoto · Niwa/4th-year(1st semester)

**Optical Science and Technology Laboratory 1** ...Haraguchi · Tezuka ·  
Okamoto · Yanagiya · Kawata · Niwa/3rd-year(1st semester)

**Optical Science and Technology Laboratory 2** ...Kawata · Yamamoto/  
3rd-year(2nd semester)

**Optical Science and Technology Seminar 1** ...Okamoto · Yanagiya · Yamamoto  
/1st-year(1st semester)

**Optical Science and Technology Seminar 2** ...Mori · Tezuka · Niwa/1st-year(2nd  
semester)

**Special Lectures on Optical Science and Technology 1** ...Part-time  
Lecturer/4th-year(2nd semester)

**Special Lectures on Optical Science and Technology 2** ...Part-time  
Lecturer/4th-year(1st semester)

**Photochemistry** ...Tanaka/2nd-year(1st semester)  
**Measurement Systems for Optical Image Acquisition** ...Part-time Lecturer /4th-year(2nd semester)  
**Special Lectures on Optical Materials and Devices 1** ...Haraguchi /4th-year(1st semester)  
**Special Lectures on Optical Materials and Devices 2** ...Goto/4th-year(1st semester)  
**Special Lectures on Optical Materials and Devices 3** ...Tanaka/4th-year(1st semester)  
**Optoelectronic Instruments for Information System** ...Suyama/2nd-year(2nd semester)  
**Special Lectures on Optical Information Processing 1** ...Part-time Lecturer /4th-year(1st semester)  
**Special Lectures on Optical Information Processing 2** ...Part-time Lecturer /4th-year(1st semester)  
**Optical Communications Technology** ...Goto/3rd-year(1st semester)  
**Optoelectronic Devices I** ...Okamoto/3rd-year(1st semester)  
**Optoelectronic Devices 2** ...Part-time Lecturer/3rd-year(2nd semester)  
**Guided-wave optics** ...Goto/3rd-year(2nd semester)  
**Differential Equations (I)** ...Okamoto/2nd-year(1st semester)  
**Differential Equations (II)** ...Okamoto/2nd-year(2nd semester)  
**Introduction to Well-being Technology for All** ...Fujisawa · SATO · Ito · Sueda/2nd-year(1st semester)  
**Complex Analysis** ...Okamoto/2nd-year(2nd semester)  
**Programming Languages and Exercises** ...Kawata · Suzuki /2nd-year(1st semester)  
**Spectroscopic Analysis** ...Tezuka/3rd-year(1st semester)  
**Molecular Engineering** ...Tezuka /1st-year(2nd semester)  
**Vector Analysis** ...Imai/2nd-year(1st semester)  
**Multimedia Engineering** ...Part-time Lecturer/3rd-year(2nd semester)  
**Quantum Mechanics** ...Ohno/2nd-year(1st semester)

**Introduction to Laser physics and applications** ...Haraguchi/3rd-year(1st semester)  
**Personnel Management** ...Kuwamura/4th-year(2nd semester)  
**Industrial Basic English** ...Sasaki/1st-year(1st semester)  
**Industrial Basic Mathematics** ...Yoshikawa /1st-year(1st semester)  
**Industrial Basic Physics** ...Sakon/1st-year(1st semester)  
**Introduction to Semiconductor Nanotechnology** ...Isu · Kitada/3rd-year(2nd semester)

● STC 関連科目

**Basic Technical English** ...Carpenter/1st-year(2nd semester)  
**Technical English** ...Carpenter/2nd-year(1st semester)  
**Advanced Technical English** ...Koinkar/2nd-year(2nd semester)  
**Practical Technical English** ...Koinkar/3rd-year(1st semester)  
**Scientific Presentation Skills** ...Carpenter/3rd-year(2nd semester)  
**Monodukuri Practice 1** ...Fujisawa · Tsuzuki · Hanabusa · konishi · Kikuchi /1st-year(1st semester)  
**Monodukuri Practice 2** ...Fujisawa · Tsuzuki · Hanabusa · konishi · Kikuchi /1st-year(2nd semester)  
**Project Design, Fundamentals** ...Fujisawa · konishi · Hanabusa /2nd-year(1st semester)

● キャリア教育科目

**Introduction to Career Planning (1)** ...Tanaka · 学年担任 · Part-time Lecturer /1st-year(1st semester)  
**Introduction to Career Planning (2)** ...Tanaka · 学年担任 · Part-time Lecturer /1st-year(2nd semester)  
**Career Planning (1)** ...Tanaka · 学年担任 · Part-time Lecturer /2nd-year(1st semester)  
**Career Planning (2)** ...Tanaka · 学年担任 · Part-time Lecturer /2nd-year(2nd semester)  
**Short-Term Internship** ...Tanaka · 学年担任 · Part-time Lecturer /3rd-year(1st semester)  
**Career Planning (3)** ...Tanaka · 学年担任 · Part-time Lecturer /4th-year(2nd semester)