

Electrical and Electronic Engineering (Day Course)

● 工学基礎科目

- Differential Equations (I)** ... Sakaguchi / 2nd-year (1st semester)
- Differential Equations (II)** ... Sakaguchi / 2nd-year (2nd semester)
- Differential Equations (III)** ... Kohda / 3rd-year (1st semester)
- Complex Analysis** ... Kohda / 2nd-year (1st semester)
- Vector Analysis** ... Kohda / 2nd-year (2nd semester)
- Numerical Analysis** ... Imai / 3rd-year (1st semester)
- Probability and Statistics** ... Takeuchi / 3rd-year (2nd semester)
- Mechanics** ... Ohno / 1st-year (2nd semester)
- Quantum Mechanics** ... Kawasaki / 2nd-year (1st semester)
- Thermodynamics and Statistical Mechanics** ... Kawasaki / 2nd-year (2nd semester)
- Solid State Physics (I)** ... Nakamura / 1st-year (2nd semester)

● 専門基礎科目

- Mathematics for Electrical and Electronic Engineering** ... Song · Uwate / 1st-year (1st semester)
- Electrical Circuit Theory (I) and Exercise** ... Shimamoto · Nishio / 1st-year (2nd semester)
- Electrical Circuit Theory (II) and Exercise** ... Shimamoto · Nishio / 2nd-year (1st semester)
- Transient Analysis** ... Konaka · Oya / 2nd-year (2nd semester)
- Electromagnetic Theory (I) and Exercise** ... Nagase / 1st-year (whole year)
- Electromagnetic Theory (II) and Exercise** ... Naoi · Nishino / 2nd-year (1st semester)
- Electromagnetic Theory (III)** ... Tominaga / 2nd-year (2nd semester)
- Computer Exercise** ... Uwate / 1st-year (2nd semester)
- Programming Exercise (I)** ... Song / 2nd-year (1st semester)
- Semiconductor Physics** ... Ao / 2nd-year (1st semester)
- Fundamentals of Energy Engineering** ... Shimomura / 2nd-year (2nd semester)

Basic Theory of Systems ... Oya / 2nd-year (1st semester)

Electronic Circuits ... Hashizume / 2nd-year (2nd semester)

● 実験科目

- Electrical and Electronic Engineering Laboratory (Intr.)** ... Hojo · Sakai · Akutagawa · Song / 1st-year (1st semester)
- Electrical and Electronic Engineering Elementary Laboratory** ... Ohno · Sakai · Ohya · Tominaga · Nishino · Ao · Oya · Kawakami · Uwate / 2nd-year (2nd semester)
- Electrical and Electronic Engineering Design Laboratory** ... Hashizume · Naoi · Yotsuyanagi · Akutagawa · Emoto / 3rd-year (1st semester)
- Electrical and Electronic Engineering Laboratory (I)** ... Morita · Shimomura · Yasuno · Kawada · Hojo · Teranishi / 3rd-year (2nd semester)
- Electrical and Electronic Engineering Laboratory (II)** ... Yasuno · Hojo · Teranishi · Oya / 4th-year (1st semester)
- Electrical and Electronic Engineering Laboratory (III)** ... Yotsuyanagi · Ao · Kawakami · Emoto / 4th-year (1st semester)

● 特別教育科目

- Undergraduate Work** ... All teachers of Electrical and Electronic Engineering / 4th-year (whole year)
- Electrical and Electronic Engineering Seminar** ... Teacher of Electrical and Electronic Engineering / 4th-year (whole year)
- Engineering Ethics** ... Part-time Lecturer / 4th-year (1st semester)
- Communication in English** ... Teacher of Electrical and Electronic Engineering · Luc · Clifford / 3rd-year (whole year)
- Special Lectures on Electrical and Electronic Engineering** ... Teacher of Electrical and Electronic Engineering · Part-time Lecturer / 4th-year (2nd semester)
- Project Exercise** ... Yasuno · Kawakami · Song · Emoto / 3rd-year (1st semester)

● 物性デバイス関連科目

Quantum Mechanics for Semiconductor Physics ...Nishino / 2nd-year(2nd semester)

Solid State Physics ...Naoi / 3rd-year(1st semester)

Semiconductor Device Physics ... Ohno / 3rd-year(1st semester)

Integrated Circuit (I) ... Ohno / 3rd-year(2nd semester)

Electronic Physics ... Ohya / 2nd-year(2nd semester)

Photonic Devices ... Sakai / 3rd-year(2nd semester)

Electrical and Electronic Material Science ... Tominaga / 3rd-year(2nd semester)

Plasma Engineering ... Ohya / 4th-year(1st semester)

Introduction to Semiconductor Nanotechnology ... Isu · Kitada / 3rd-year(2nd semester)

● 電気エネルギー関連科目

Electrical Machines (I) ... Ohnishi / 2nd-year(2nd semester)

Electrical Machines (II) ... Morita · Hojo / 2nd-year(2nd semester)

Power Electronics ... Ohnishi / 3rd-year(1st semester)

Electric Power System Engineering (I) ... Kawada / 3rd-year(1st semester)

Electric Power System Engineering (II) ... Kawada / 3rd-year(2nd semester)

Power Generation and Transformation Engineering ... Kawada / 3rd-year(2nd semester)

Illuminating and Electric Heating Engineering ... Shimomura / 3rd-year(2nd semester)

High Voltage Engineering ... Shimomura / 4th-year(1st semester)

Electrical Machine Dynamics and Controls ... Morita / 3rd-year(2nd semester)

Applications of Electrical Machines ... Yasuno / 4th-year(1st semester)

● 電気電子システム関連科目

Electrical Measurement and Instrumentation ... Akutagawa / 2nd-year(1st semester)

Control Theory (I) ... Yasuno / 2nd-year(2nd semester)

Control Theory (II) ... Kubo / 3rd-year(1st semester)

Basic Theory of Electronic Communication ... Oie / 3rd-year(1st semester)

Communication Systems ... Takada / 3rd-year(2nd semester)

Applied Communication Engineering ... Takada / 4th-year(1st semester)

High Frequency Measurements ... Konaka / 3rd-year(2nd semester)

Signal Processing ... Oie / 3rd-year(2nd semester)

System Analysis ... Kubo / 4th-year(1st semester)

Computer Networks ... Oie / 4th-year(1st semester)

Microwave Engineering ... Takada / 3rd-year(1st semester)

● 知能電子回路関連科目

Programming Exercise (II) ... Shimamoto / 2nd-year(2nd semester)

Analog Processing Technique ... Konaka / 3rd-year(1st semester)

Digital Circuits ... Hashizume / 3rd-year(1st semester)

Computer Circuits ... Yotsuyanagi / 3rd-year(2nd semester)

Computer Algorithm and Data Structure ... Yotsuyanagi / 3rd-year(1st semester)

Network Analysis ... Nishio / 3rd-year(1st semester)

Integrated Circuits (II) ... Konaka / 3rd-year(2nd semester)

Electronic Circuit Design ... Hashizume / 4th-year(1st semester)

● 工学教養科目

Design and Drawing ... Morita · Hojo / 3rd-year(2nd semester)

Electrical Communication Laws ... Part-time Lecturer / 4th-year(2nd semester)

Management and Laws Associated with Electrical Facilities. ... Part-time Lecturer / 4th-year(2nd semester)

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

Introduction to Well-being Technology for All ... Fujisawa · SATO · Ito · Sueda / 2nd-year(1st semester)

Ecosystem Engineering ... Kidoguchi · Kozuki · Kondo · Hashimoto · Fujisawa · Okushima · Matsuo · Yamanaka · Tomita · SATO · Ito · Nada / 2nd-year(1st semester)

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

Personnel Management ...Kuwamura/4th-year(2nd semester)

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

Industrial Basic Mathematics ...Yoshikawa/1st-year(1st semester)

Industrial Basic English ...Sasaki/1st-year(1st semester)

Industrial Basic Physics ...Sakon/1st-year(1st semester)

Seminar on industrialization of intellectual property ...Deguchi/4th-year(1st
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)

● 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)