

[Interdisciplinary Graduate School of Engineering Sciences]

授業科目名	担当教員名	開講学期 ※プルダウン から選択	開講期間 ※集中講義もしくは 学期中に集中して行 われる場合のみご記 入下さい。	使用言語	開講曜日 ※プルダウン から選択	時限 ※プルダウン から選択	開講曜日及び時限 ※集中講義の場合の み、この欄にご記入 ください。	キャンパス ※プルダウン から選択	単位数 ※プルダウン から選択	授業の形式 ※プルダウン から選択	対象学生 ※所属部局の制 限、学年の制限、 語学能力等、特記 事項がある場合ご 記入ください。	その他 特記事項	シラバス公開URL ※URLが無い場合は、 貴部局内で周知して いるシラバス（電子 媒体）を添付してく ださい。
Course Title	Lecturer	Term	Term *intensive courses only	Language	Course Day	Course Period	Course Day&Course Period *Intensive courses only	Campus	Credits	Course Structure	Course Requirement	Remarks	Syllabus
1	Introductory Writing Course in English	JANG Byungkoog	Second Semester (Oct-Mar)	English	Fri.	Period 4		Chikushi	2 credits	Lecture(講義)			
2	Introductory Writing Course in English	JANG Byungkoog	Second Semester (Oct-Mar)	English	Fri.	Period 4		Chikushi	2 credits	Lecture(講義)			
3	Communication Skills in English	Kevin White	First Semester (Apr-Sep)	English	Mon.	Period 5		Chikushi	2 credits	Lecture(講義)			
4	Communication Skills in English	Kevin White	First Semester (Apr-Sep)	English	Thu.	Period 3		Chikushi	2 credits	Lecture(講義)			
5	Communication Skills in English	Kevin White	First Semester (Apr-Sep)	English	Thu.	Period 4		Chikushi	2 credits	Lecture(講義)			
6	Communication Skills in English	Kevin White	First Semester (Apr-Sep)	English	Fri.	Period 3		Chikushi	2 credits	Lecture(講義)			
7	Communication Skills in English	Kevin White	First Semester (Apr-Sep)	English	Fri.	Period 4		Chikushi	2 credits	Lecture(講義)			
8	Practical research skills development	HARADA YUICHI	Second Semester (Oct-Mar)	English				Chikushi	2 credits	Lecture(講義)			
9	Seminar on Laboratory Safety	MIZUNO SEIGI	Intensive Course	English				Chikushi	1 credit	Seminar(演習)			

10	Seminar on Laboratory Safety	MIZUNO SEIGI	Intensive Course		English				Chikushi	1 credit	Seminar(演習)			
11	Fundamentals of Applied Science for Electronics and Materials I	UCHINO KIICHIRO	First Semester (Apr-Sep)		English	Fri.	Period 2		Chikushi	2 credits	Lecture(講義)			
12	Introduction to Applied Science for Electronics and Materials I	HAMAMOTO KIICHI	Spring Quarter (first quarter : Apr.-Jun.)		English	Fri.	Period 2		Chikushi	1 credit	Lecture(講義)			
13	Introduction to Applied Science for Electronics and Materials II	NAKASHIMA HIROSHI	Summer Quarter (second quarter : Jun.-Aug.)		English	Fri.	Period 2		Chikushi	1 credit	Lecture(講義)			
14	Fundamentals of Applied Science for Electronics and Materials III	OKADA SHIGETO	Second Semester (Oct-Mar)		English	Fri.	Period 1		Chikushi	2 credits	Lecture(講義)			
15	Fundamentals of Applied Science for Electronics and Materials II	NISHIDA MINORU	Second Semester (Oct-Mar)		English	Thu.	Period 1		Chikushi	2 credits	Lecture(講義)			
16	Introduction to Applied Science for Electronics and Materials V	KIKUCHI HIROTSUGU	Fall Quarter (third quarter : Oct.-Nov.)		English	Fri.	Period 1		Chikushi	1 credit	Lecture(講義)			
17	Introduction to Applied Science for Electronics and Materials III	NISHIDA MINORU	Fall Quarter (third quarter : Oct.-Nov.)		English	Thu.	Period 1		Chikushi	1 credit	Lecture(講義)			
18	Introduction to Applied Science for Electronics and Materials IV	HONJO HARUO	Winter Quarter (fourth quarter : Dec.-Feb.)		English	Thu.	Period 1		Chikushi	1 credit	Lecture(講義)			
19	Introduction to Applied Science for Electronics and Materials VI	YOON SEONG-HO	Winter Quarter (fourth quarter : Dec.-Feb.)		English	Fri.	Period 1		Chikushi	1 credit	Lecture(講義)			
20	Advanced Organic Chemistry I	FURUNO HIROSHI	First Semester (Apr-Sep)		English				Chikushi	2 credits	Lecture(講義)			
21	Advanced Materials Science III	TODO MITSUGU	First Semester (Apr-Sep)		English				Chikushi	2 credits	Lecture(講義)			

22	Basic Physical Chemistry I	HARATA AKIRA	Spring Quarter (first quarter : Apr.-Jun.)		English				Chikushi	1 credit	Lecture(講義)			
23	Basic Organic Chemistry III	FURUNO HIROSHI	Spring Quarter (first quarter : Apr.-Jun.)		English				Chikushi	1 credit	Lecture(講義)			
24	Basic Materials Science III	NAKAGAWA TAKESH	Spring Quarter (first quarter : Apr.-Jun.)		English				Chikushi	1 credit	Lecture(講義)			
25	Instrumental Analysis for Materials	Miki Inada	Intensive Course		English				Chikushi	2 credits	Lecture(講義)			
26	Basic Physical Chemistry V	FURUYA KENJI	Summer Quarter (second quarter : Jun.-Aug.)		English				Chikushi	1 credit	Lecture(講義)			
27	Basic Organic Chemistry IV	FURUNO HIROSHI	Summer Quarter (second quarter : Jun.-Aug.)		English				Chikushi	1 credit	Lecture(講義)			
28	Nanofabrication and nanogrowth	HARADA YUICHI	Second Semester (Oct-Mar)		English				Chikushi	2 credits	Lecture(講義)			
29	Instrumental Analysis for Materials	Miki Inada	Intensive Course		English				Chikushi	1 credit	Lecture(講義)			
30	Basic Organic Chemistry I	FURUNO HIROSHI	Fall Quarter (third quarter : Oct.- Nov.)		English				Chikushi	1 credit	Lecture(講義)			
31	Basic Organic Chemistry II	FURUNO HIROSHI	Fall Quarter (third quarter : Oct.- Nov.)		English				Chikushi	1 credit	Lecture(講義)			
32	Basic Organic Chemistry V	FURUNO HIROSHI	Winter Quarter (fourth quarter : Dec.-Feb.)		English				Chikushi	1 credit	Lecture(講義)			
33	Basic Organic Chemistry VI	FURUNO HIROSHI	Winter Quarter (fourth quarter : Dec.-Feb.)		English				Chikushi	1 credit	Lecture(講義)			

34	Advanced Space Propulsion Engineering	YAMAMOTO NAOJI	First Semester (Apr-Sep)		English	Tue.	Period 5		Chikushi	2 credits	Lecture(講義)			
35	Special Lecture on Advanced Energy Engineering Science VI	BAYRON PETERS	Intensive Course		English				Chikushi	1 credit	Lecture(講義)			
36	Special Lecture on Advanced Energy Engineering Science VIII	SHIGERU INAGAKI	Intensive Course		English				Chikushi	1 credit	Lecture(講義)			
37	Special Lecture on Advanced Energy Engineering Science XI	SHIGERU INAGAKI	Intensive Course		English				Chikushi	1 credit	Lecture(講義)			
38	Special Lecture on Advanced Energy Engineering Science XIII	SHIGERU INAGAKI	Intensive Course		English				Chikushi	1 credit	Lecture(講義)			
39	Fundamentals of Heat Transfer	Kyaw Thu	First Semester (Apr-Sep)		English				Chikushi	2 credits	Lecture(講義)			
40	Advanced Topics of Energy and Environmental Engineering	MIYAZAKI TAKAHIK	First Semester (Apr-Sep)		English				Chikushi	2 credits	Lecture(講義)			
41	Fundamentals of Energy and Environmental Engineering I	Kyaw Thu	First Semester (Apr-Sep)		English				Chikushi	2 credits	Lecture(講義)			
42	Fundamentals of Thermal Environment Engineering	TANIMOTO JUN	First Semester (Apr-Sep)		English				Chikushi	2 credits	Lecture(講義)			
43	Fundamentals of Energy and Environmental Engineering III	TANIMOTO JUN	First Semester (Apr-Sep)		English				Chikushi	2 credits	Lecture(講義)			
44	Introduction to Turbulent Boundary Layer	HAGISHIMA AYA	First Semester (Apr-Sep)		English				Chikushi	2 credits	Lecture(講義)			
45	Advanced Engineering Thermodynamics	Kyaw Thu	First Semester (Apr-Sep)		English				Chikushi	2 credits	Lecture(講義)			

46	Advanced Engineering Thermodynamics	Kyaw Thu	First Semester (Apr-Sep)		English				Chikushi	2 credits	Lecture(講義)			
47	Phase Change Heat Transfer	Kyaw Thu	First Semester (Apr-Sep)		English				Chikushi	2 credits	Lecture(講義)			
48	Thermal Energy Utilization Systems	MIYAZAKI TAKAHIK	Second Semester (Oct-Mar)		English				Chikushi	2 credits	Lecture(講義)			
49	Thermal Energy Utilization Systems	MIYAZAKI TAKAHIK	Second Semester (Oct-Mar)		English				Chikushi	2 credits	Lecture(講義)			
50	Heat and Mass Transfer Processes	KyawThu	Second Semester (Oct-Mar)		English				Chikushi	2 credits	Lecture(講義)			
51	Mathematical Analysis of Environmental System	TANIMOTO JUN	Second Semester (Oct-Mar)		English				Chikushi	2 credits	Lecture(講義)			
52	Thermal-Relating EngineTechnology	TAJIMA HIROSHI	Second Semester (Oct-Mar)		English				Chikushi	2 credits	Lecture(講義)			
53	Micro-Climatology	HAGISHIMA AYA	Second Semester (Oct-Mar)		English				Chikushi	2 credits	Lecture(講義)			
54	Compressible Fluid Dynamics	Anyoji Masayuki	Second Semester (Oct-Mar)		English				Chikushi	2 credits	Lecture(講義)			
55	Compressible Fluid Dynamics	Anyoji Masayuki	Second Semester (Oct-Mar)		English				Chikushi	2 credits	Lecture(講義)			
56	Coastal Ocean Environment	SUGIHARA YUJI	Second Semester (Oct-Mar)		English				Chikushi	2 credits	Lecture(講義)			
57	An Introduction to CFD	HU CHANGHONG	Second Semester (Oct-Mar)		English	Tue.	Period 2		Chikushi	2 credits	Lecture(講義)			

58	Ocean Modeling II	HIROSE NAOKI	Second Semester (Oct-Mar)		English	Fri.	Period 2		Chikushi	2 credits	Lecture(講義)			
59	Research Seminar on Energy and Environmental Science and Engineering	JANG Byungkoog	First Semester (Apr-Sep)		English				Chikushi	2 credits	Lecture(講義)			
60	Advanced topics of Energy, Environment and Materials I	WANG DONG	First Semester (Apr-Sep)		English				Chikushi	2 credits	Lecture(講義)			
61	Advanced topics of Energy, Environment and Materials II	Mitsuhara Masatoshi	First Semester (Apr-Sep)		English				Chikushi	2 credits	Lecture(講義)			
62	Research Seminar on Energy and Environmental Science and Engineering	JANG Byungkoog	Second Semester (Oct-Mar)		English				Chikushi	2 credits	Lecture(講義)			
63	Advanced topics of Energy, Environment and Materials I	WANG DONG	Second Semester (Oct-Mar)		English				Chikushi	2 credits	Lecture(講義)			
64	Advanced topics of Energy, Environment and Materials II	Mitsuhara Masatoshi	Second Semester (Oct-Mar)		English				Chikushi	2 credits	Lecture(講義)			
65	Economic Systems (I)	HORI SHIRO	Second Semester (Oct-Mar)		English				Chikushi	2 credits	Lecture(講義)			
66	Industrial Systems (III)	FUEDA YOSHIHIDE	Intensive Course		English				Chikushi	1 credit	Lecture(講義)			
67	Environmental Systems (III)	WATANABE TAKASHI	Intensive Course		English				Chikushi	2 credits	Lecture(講義)			
68	Industrial structure of Japan	Masatoshi Takao	Intensive Course		English				Chikushi	1 credit	Lecture(講義)			