

Fundamental Subjects

Semester	Page	Course Key	Course Title	Language	Instructor	Day	Period	Credit
Spring	1	440111590F	Internet of Medical Things (IOMT)	E	KAMEOKA, Jun	Tue	2	2
	2	440110320F	Data Structures and Algorithms	E·J	IWAHARA, Mizuho	Wed	2	2
	3	440111490F	Solid State Physics	E·J	KAKITSUKA, Takaaki	Wed	2	2
	4	440111440F	Kinematics of Machinery	E·J	TANAKA, Eiichiro	Wed	3	2
	5	440110260F	Analog CMOS Circuits	J	YOSHIMASU, Toshihiko	Wed	3	2
	6	440111660F	Applied Statistic Data Processing	E·J	ARAKAWA, Masao	Thu	2	2
	7	440111610F	Optimization Technology and Its Applications	E·J	YAMASAKI, Shintaro	Thu	2	2
	8	440111710F	Social System Engineering	E·J	IEIRI, Yuya	Thu	3	2
	9	440111460F	Theory of Constraint Processing	E	YOSHIE, Osamu	Thu	4	2
	10	440111680F	Semiconductor Material and Device Characterization	E·J	SHIMURA, Takayoshi	Thu	4	2
	11	440111510F	Digital Signal Processing	E·J	MAKINO, Shoji	Thu	5	2
	12	440111580F	Microbial Energy Conversion and Sensing Systems	E	MEHES, Gabor	Fri	1	2
	13	440111520F	Network Security	E	WU, Jun	Fri	5	2
Fall	14	440111720F	Internal Combustion Engines	E·J	YAMAGUCHI, Kyohei	Tue	2	2
	15	440111690F	Integrated Circuit Engineering	E·J	TANZAWA, Toru	Tue	2	2
	16	440110400F	Computational Intelligence	E·J	FURUZUKI, Takayuki	Tue	5	2
	17	440111480F	Sensing Engineering	E	IKEHASHI, Tamio	Tue	5	2
	18	440111470F	Business Process Modeling	E	FUJIMURA, Shigeru	Tue	6	2
	19	440111650F	Mechatronics	E·J	HASHIMOTO, Kenji	Tue	6	2
	20	440111370F	Robotics	E·J	MATSUMARU, Takafumi	Wed	1	2
	21	440110340F	Background and basics in distributional semantics	E	LEPAGE, Yves	Wed	4	2
	22	440111450F	Electromagnetics	E	TAKAHATA, Kiyoto	Wed	4	2
	23	440110220F	Digital Circuits	E·J	KIMURA, Shinji	Wed	5	2
	24	440111410F	Surface Science	E·J	MIYAKE, Takeo	Thu	1	2
	25	440111700F	Electromagnetic Field Analysis	E·J	SERITA, Kazunori	Thu	4	2
	26	440110180F	Simulation Techniques	J	TATENO, Shigeyuki	Thu	6	2
	27	440111560F	Fundamentals of Organic Electronics I	E	MEHES, Gabor	Fri	1	2
	28	440111670F	Basic quantum mechanics for bio analysis and medical diagnosis	E·J	MAWATARI, Kazuma	Fri	2	2
	29	440111570F	Fundamentals of Organic Electronics II	E	MEHES, Gabor	Fri	3	2
	30	440111600F	Crystal engineering	E·J	UEDA, Kenji	Fri	4	2

Advanced Subjects

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Semester	Page	Course Key	Course Title	Language	Instructor	Day	Period	Credit
Spring	31	440111250A	Natural language processing (NLP)	E	LEPAGE, Yves	Tue	1	2
	32	440111260A	Machine translation technology	E	LEPAGE, Yves	Tue	3	2
	33	440111380A	Industrial Marketing (Spring Quarter)	J	FUJIMURA, Shigeru	Tue	4	1
	34	440111390A	Theory of collective intelligence (Summer Quarter)	E	YOSHIE, Osamu	Tue	4	1
	35	440111020A	Scheduling Algorithms	E·J	FUJIMURA, Shigeru	Tue	6	2
	36	440111320A	Human-Robot Interaction	E·J	MATSUMARU, Takafumi	Wed	1	2
	37	440111230A	Database	E	IWAHARA, Mizuho	Wed	4	2
	38	440111450A	Biosensor Engineering	E	KAMEOKA, Jun	Wed	5	2
	39	440111010A	Image Processing	E·J	KAMATA, Seiichiro	Fri	3	2
	40	440111040A	Neural Networks	E·J	FURUZUKI, Takayuki	Fri	4	2
Fall	41	440111270A	Bioengineering	E·J	MATSUMARU, Takafumi	Tue	1	2
	42	440111440A	Fundamental Biosystems	E	KAMEOKA, Jun	Tue	3	2
	43	440111300A	Bioinformatics	E·J	FURUZUKI, Takayuki	Tue	4	2
	44	440111240A	Information Organization	E	IWAHARA, Mizuho	Wed	2	2
	45	440111490A	Social Information Design	E·J	IEIRI, Yuya	Thu	3	2
	46	440111400A	Smart factory I (Fall Quarter)	E	YOSHIE, Osamu	Thu	4	1
	47	440111410A	Smart factory II (Winter Quarter)	E	FUJIMURA, Shigeru	Thu	4	1
	48	440111480A	CPS Prototyping	E·J	YOSHIE, Osamu	Thu	6	2
	49	440111110A	Pattern Recognition	E·J	KAMATA, Seiichiro	Fri	3	2
	50	440111220A	Information Security Engineering	E·J	KAMATA, Seiichiro	Fri	5	2

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Semester	Page	Course Key	Course Title	Language	Instructor	Day	Period	Credit
	51	440112190A	Automobile Engineering	J	TATENO, Shigeyuki	Mon	3	2
	52	440112430A	Modeling and Control	E·J	HASHIMOTO, Kenji	Tue	1	2
	53	440112290A	Bioelectronics	E·J	MIYAKE, Takeo	Tue	2	2
	54	440112440A	Autonomous Mobile Robots	E·J	HASHIMOTO, Kenji	Tue	3	2
	55	440112500A	Thermal Energy Conversion Processes	E·J	YAMAGUCHI, Kyohei	Tue	4	2
	56	440112070A	Reliability Engineering	E·J	TATENO, Shigeyuki	Tue	5	2
Spring	57	440112470A	Measurement and Analysis Device Engineering	E·J	MAWATARI, Kazuma	Wed	1	2
	58	440112380A	Biological Information Engineering	E·J	TAKAHASHI, Junko	Wed	4	2
	59	440112450A	Multi-objective Decision Making and Application	E·J	ARAKAWA, Masao	Thu	1	2
	60	440112360A	Dynamics of Machinery	E·J	TANAKA, Eiichiro	Thu	3	2
	61	440112400A	Applied Organic Electronics	E	MEHES, Gabor	Fri	3	2
	62	440112410A	Science and Technology of Functional Materials	E·J	UEDA, Kenji	Fri	4	2
	63	440112910A	Special Exercise of Organic Electronics II	E	MEHES, Gabor	Fri	4	2*
	64	440112300A	Biomicro-machine	E·J	MIYAKE, Takeo	Tue	1	2
	65	440112170A	Information Management (Fall Quarter)	J	TATENO, Shigeyuki	Tue	5	1
	66	440112480A	Micro and Nano Fluidic Engineering	E·J	MAWATARI, Kazuma	Wed	2	2
	67	440112350A	Design of Machine Elements	E·J	TANAKA, Eiichiro	Wed	3	2
	68	440112390A	Medical Device Engineering	E·J	TAKAHASHI, Junko	Wed	4	2
Fall	69	440112510A	Thermal Energy Conversion Systems	E·J	YAMAGUCHI, Kyohei	Wed	5	2
	70	440112490A	Physics and Technology of Semiconductor MOS Devices	E·J	SHIMURA, Takayoshi	Thu	2	2
	71	440112420A	Thin Film Processing	E·J	UEDA, Kenji	Thu	3	2
	72	440112460A	Design of Heuristic Search and its Application	E·J	ARAKAWA, Masao	Thu	4	2
	73	440112900A	Special Exercise of Organic Electronics I	E	MEHES, Gabor	Fri	4	2*

*This is treated as Advanced subject(Non-credit subject) and the credits are not included in the required credits for graduation.

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Semester	Page	Course Key	Course Title	Language	Instructor	Day	Period	Credit
	74	440113280A	Microprocessor	E·J	IKENAGA, Takeshi	Tue	2	2
	75	440113370A	Opto-electronic Integrated Circuits	E	TAKAHATA, Kiyoto	Tue	3	2
	76	440113060A	Transmission Circuits	J	YOSHIMASU, Toshihiko	Tue	4	2
	77	440113080A	System LSI Architecture	E·J	KIMURA, Shinji	Tue	5	2
Spring	78	440113410A	MEMS Device Engineering	E	IKEHASHI, Tamio	Wed	5	2
	79	440113500A	Semiconductor Memory Technology and Engineering	E·J	TANZAWA, Toru	Thu	1	2
	80	440113430A	Laser Engineering	E·J	KAKITSUKA, Takaaki	Thu	3	2
	81	440113520A	Terahertz Wave Engineering	E·J	SERITA, Kazunori	Fri	4	2
	82	440113450A	Machine Learning	E·J	MAKINO, Shoji	Fri	5	2
	83	440113470A	Packaging and Assembly Technologies for Integrated Systems	E·J	YAMASAKI, Shintaro	Tue	3	2
	84	440113260A	High-speed, High-frequency LSI Design	E	YOSHIMASU, Toshihiko	Tue	4	2
	85	440113090A	System LSI Design	E	IKENAGA, Takeshi	Wed	2	2
	86	440113310A	Video Signal Processing	E·J	IKENAGA, Takeshi	Wed	3	2
	87	440113510A	Semiconductor Device Technology and Engineering	E·J	TANZAWA, Toru	Thu	1	2
Fall	88	440113140A	Design for Testability	E·J	KIMURA, Shinji	Thu	2	2
	89	440113360A	Optical Semiconductor Devices	E·J	TAKAHATA, Kiyoto	Thu	3	2
	90	440113440A	Optical Circuit Simulation Technology	E	KAKITSUKA, Takaaki	Fri	2	2
	91	440113420A	Analog LSI Design	E	IKEHASHI, Tamio	Fri	3	2
	92	440113480A	Finite Element Analysis	E·J	YAMASAKI, Shintaro	Fri	4	2
	93	440113460A	Acoustic Signal Processing	E·J	MAKINO, Shoji	Fri	5	2

<Common Field>

Semester	Page	Course Key	Course Title	Language	Instructor	Day	Period	Credit
Spring	94	440115030A	Operations Management as a Strategic View Point_Spring	J	FUJINO, Naoaki	Intensive		1
Fall	95	440115070A	Operations Management as a Strategic View Point_Fall	E	FUJINO, Naoaki	Intensive		1

Laboratory Works

<Production Systems>

Semester	Page	Course Key	Course Title	Language	Instructor	Day	Period	Credit
Fall	96	440112010L	Laboratory Works on Production Systems	J	TANAKA, TATENO, MIYAKE, UEDA, HASHIMOTO, ARAKAWA, MAWATARI	Tue	3,4	2

Specialized Subjects

<Information Architecture>

Semester	Course Key	Course Title	Language	Instructor	Day	Period	Credit
Fall	440111170S	Robotics and mechatronics	E·J	MATSUMARU, Takafumi	Mon	1	2
	440111020S	Smart Industry	E·J	FUJIMURA, Shigeru	Tue	1	2
	440111070S	Community Computing	E·J	YOSHIE, Osamu	Tue	1	2
	440111140S	Data Engineering	E	IWAHARA, Mizuho	Tue	3	2
	440111050S	Computational Neuroscience	E·J	FURUZUKI, Takayuki	Wed	3	2
	440111090S	Multimedia Engineering	E·J	KAMATA, Seiichiro	Wed	5	2
	440111150S	Example-based machine translation/NLP	E	LEPAGE, Yves	Thu	1	2
	440111210S	Humanity-Centered Interaction	E·J	IEIRI, Yuya	Thu	2	2
	440111200S	Bio Information Sensing	E·J	KAMEOKA, Jun	Thu	5	2

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Semester	Course Key	Course Title	Language	Instructor	Day	Period	Credit
Fall	440112150S	Advanced Bioiontronics	E·J	MIYAKE, Takeo	Wed	1	2
	440112210S	Mobile Robotics Platform	E·J	HASHIMOTO, Kenji	Wed	2	2
	440112240S	Semiconductor Materials and Device Engineering	E·J	SHIMURA, Takayoshi	Wed	2	2
	440112250S	Powertrain System	E·J	YAMAGUCHI, Kyohei	Wed	3	2
	440112180S	Mechanical System Design	E·J	TANAKA, Eiichiro	Wed	4	2
	440112190S	Biomedical Engineering	E·J	TAKAHASHI, Junko	Thu	2	2
	440112060S	Information and Production Process	E·J	TATENO, Shigeyuki	Thu	4	2
	440112200S	Intelligent Semiconductor Engineering	E·J	UEDA, Kenji	Fri	1	2
	440112230S	Micro and Nano Fluidic Device	E·J	MAWATARI, Kazuma	Fri	5	2
	440112220S	Design Engineering and System	E·J	ARAKAWA, Masao	Sat	3	2

<Integrated Systems>

Semester	Course Key	Course Title	Language	Instructor	Day	Period	Credit
Fall	440113020S	Image Information Systems	E·J	IKENAGA, Takeshi	Tue	3	2
	440113160S	Intelligent Acoustic Systems	E·J	MAKINO, Shoji	Tue	4	2
	440113190S	Terahertz Integrated Systems	E·J	SERITA, Kazunori	Tue	4	2
	440113150S	Light Emitting Systems	E·J	KAKITSUKA, Takaaki	Wed	2	2
	440113170S	Integrated System Optimization	E·J	YAMASAKI, Shintaro	Wed	2	2
	440113080S	Wireless Communication Circuits Technologies	E·J	YOSHIMASU, Toshihiko	Wed	3	2
	440113100S	High-Level Verification Technologies	E·J	KIMURA, Shinji	Wed	3	2
	440113180S	Green Integrated Systems	E·J	TANZAWA, Toru	Wed	3	2
	440113120S	Opto-electronic Integrated Systems	E·J	TAKAHATA, Kiyoto	Wed	5	2
	440113140S	Micro Electro-Mechanical Systems	E·J	IKEHASHI, Tamio	Fri	4	2

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Exercises

<Information Architecture>

Semester	Course Key	Course Title	Language	Instructor	Day	Period	Credit
Spring	440111460E	Smart Industry B	E·J	FUJIMURA, Shigeru	Tue	1,2	4
	440111470E	Smart Industry C	E·J	FUJIMURA, Shigeru	Tue	3	2
Fall	440111450E	Smart Industry A	E·J	FUJIMURA, Shigeru	Tue	2	2
	440111480E	Smart Industry D	E·J	FUJIMURA, Shigeru	Tue	3	2
Spring	440111380E	Neurocomputing Systems B	E·J	FURUZUKI, Takayuki	Wed	3,4	4
	440111390E	Neurocomputing Systems C	E·J	FURUZUKI, Takayuki	Wed	5	2
Fall	440111370E	Neurocomputing Systems A	E·J	FURUZUKI, Takayuki	Wed	4	2
	440111400E	Neurocomputing Systems D	E·J	FURUZUKI, Takayuki	Wed	5	2
Spring	440111820E	Humanity-Centered Interaction B	E·J	IEIRI, Yuya	Fri	1,2	4
	440111830E	Humanity-Centered Interaction C	E·J	IEIRI, Yuya	Fri	3	2
Fall	440111810E	Humanity-Centered Interaction A	E·J	IEIRI, Yuya	Fri	2	2
	440111840E	Humanity-Centered Interaction D	E·J	IEIRI, Yuya	Fri	3	2
Spring	440111500E	Database System B	E·J	IWAHARA, Mizuho	Tue	3,4	4
	440111510E	Database System C	E·J	IWAHARA, Mizuho	Tue	5	2
Fall	440111490E	Database System A	E·J	IWAHARA, Mizuho	Thu	3	2
	440111520E	Database System D	E·J	IWAHARA, Mizuho	Thu	4	2
Spring	440111060E	Image Media B	E·J	KAMATA, Seiichiro	Sat	3,4	4
	440111070E	Image Media C	E·J	KAMATA, Seiichiro	Tue	3	2
Fall	440111050E	Image Media A	E·J	KAMATA, Seiichiro	Sat	3	2
	440111080E	Image Media D	E·J	KAMATA, Seiichiro	Tue	3	2
Spring	440111780E	Bio Information Sensing B	E·J	KAMEOKA, Jun	Tue	4,5	4
	440111790E	Bio Information Sensing C	E·J	KAMEOKA, Jun	Thu	2	2
Fall	440111770E	Bio Information Sensing A	E·J	KAMEOKA, Jun	Tue	5	2
	440111800E	Bio Information Sensing D	E·J	KAMEOKA, Jun	Thu	4	2
Spring	440111560E	Example-based machine translation/NLP B	E·J	LEPAGE, Yves	Wed	1,2	4
	440111550E	Example-based machine translation/NLP C	E·J	LEPAGE, Yves	Wed	3	2
Fall	440111530E	Example-based machine translation/NLP A	E·J	LEPAGE, Yves	Wed	3	2
	440111540E	Example-based machine translation/NLP D	E·J	LEPAGE, Yves	Thu	3	2
Spring	440111620E	Robotics and mechatronics B	E·J	MATSUMARU, Takafumi	Thu	1,2	4
	440111630E	Robotics and mechatronics C	E·J	MATSUMARU, Takafumi	Mon	1	2
Fall	440111640E	Robotics and mechatronics A	E·J	MATSUMARU, Takafumi	Thu	1	2
	440111610E	Robotics and mechatronics D	E·J	MATSUMARU, Takafumi	Thu	2	2
Spring	440111740E	Network Intelligence and Security B	E	WU, Jun	Tue	4,5	4
	440111750E	Network Intelligence and Security C	E	WU, Jun	Tue	6	2
Spring	440111260E	Community Computing B	E·J	YOSHIE, Osamu	Tue	1,2	4
	440111270E	Community Computing C	E·J	YOSHIE, Osamu	Tue	5	2
Fall	440111250E	Community Computing A	E·J	YOSHIE, Osamu	Tue	2	2
	440111280E	Community Computing D	E·J	YOSHIE, Osamu	Tue	3	2

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<Production Systems>

Semester	Course Key	Course Title	Language	Instructor	Day	Period	Credit
Spring	440112860E	Design Engineering and System B	E·J	ARAKAWA, Masao	Sat	1,2	4
	440112870E	Design Engineering and System C	E·J	ARAKAWA, Masao	Sat	3	2
Fall	440112850E	Design Engineering and System A	E·J	ARAKAWA, Masao	Sat	2	2
	440112880E	Design Engineering and System D	E·J	ARAKAWA, Masao	Sat	1	2
Spring	440112820E	Mobile Robotics Platform B	E·J	HASHIMOTO, Kenji	Wed	1,2	4
	440112830E	Mobile Robotics Platform C	E·J	HASHIMOTO, Kenji	Wed	3	2
Fall	440112810E	Mobile Robotics Platform A	E·J	HASHIMOTO, Kenji	Wed	4	2
	440112840E	Mobile Robotics Platform D	E·J	HASHIMOTO, Kenji	Wed	5	2
Spring	440112900E	Micro and Nano Fluidic Device B	E	MAWATARI, Kazuma	Fri	3,4	4
	440112910E	Micro and Nano Fluidic Device C	E	MAWATARI, Kazuma	Fri	5	2
Fall	440112890E	Micro and Nano Fluidic Device A	E	MAWATARI, Kazuma	Fri	3	2
	440112920E	Micro and Nano Fluidic Device D	E	MAWATARI, Kazuma	Fri	4	2
Spring	440112540E	Bioiontronics B	E·J	MIYAKE, Takeo	Fri	1,2	4
	440112550E	Bioiontronics C	E·J	MIYAKE, Takeo	Fri	3	2
Fall	440112560E	Bioiontronics A	E·J	MIYAKE, Takeo	Fri	1	2
	440112570E	Bioiontronics D	E·J	MIYAKE, Takeo	Fri	2	2
Spring	440112922E	Semiconductor Materials and Device Engineering B	E·J	SHIMURA, Takayoshi	Wed	3,4	4
	440112923E	Semiconductor Materials and Device Engineering C	E·J	SHIMURA, Takayoshi	Thu	5	2
Fall	440112921E	Semiconductor Materials and Device Engineering A	E·J	SHIMURA, Takayoshi	Wed	4	2
	440112924E	Semiconductor Materials and Device Engineering D	E·J	SHIMURA, Takayoshi	Thu	4	2
Spring	440112740E	Biomedical Engineering B	E·J	TAKAHASHI, Junko	Wed	5,6	4
	440112750E	Biomedical Engineering C	E·J	TAKAHASHI, Junko	Thu	2	2
Fall	440112730E	Biomedical Engineering A	E·J	TAKAHASHI, Junko	Wed	6	2
	440112760E	Biomedical Engineering D	E·J	TAKAHASHI, Junko	Wed	5	2
Spring	440112660E	Mechanical System Design B	E·J	TANAKA, Eiichiro	Wed	1,2	4
	440112670E	Mechanical System Design C	E·J	TANAKA, Eiichiro	Thu	4	2
Fall	440112680E	Mechanical System Design A	E·J	TANAKA, Eiichiro	Wed	2	2
	440112690E	Mechanical System Design D	E·J	TANAKA, Eiichiro	Wed	5	2
Spring	440112060E	Production Process B	E·J	TATENO, Shigeyuki	Thu	4,5	4
	440112070E	Production Process C	E·J	TATENO, Shigeyuki	Thu	3	2
Fall	440112050E	Production Process A	E·J	TATENO, Shigeyuki	Thu	5	2
	440112080E	Production Process D	E·J	TATENO, Shigeyuki	Thu	3	2
Spring	440112780E	Intelligent Semiconductor Engineering B	E·J	UEDA, Kenji	Thu	1,2	4
	440112790E	Intelligent Semiconductor Engineering C	E·J	UEDA, Kenji	Tue	1	2
Fall	440112770E	Intelligent Semiconductor Engineering A	E·J	UEDA, Kenji	Wed	1	2
	440112800E	Intelligent Semiconductor Engineering D	E·J	UEDA, Kenji	Wed	2	2
Spring	440112926E	Powertrain System B	E·J	YAMAGUCHI, Kyohei	Fri	1,2	4
	440112927E	Powertrain System C	E·J	YAMAGUCHI, Kyohei	Thu	4	2
Fall	440112925E	Powertrain System A	E·J	YAMAGUCHI, Kyohei	Thu	3	2
	440112928E	Powertrain System D	E·J	YAMAGUCHI, Kyohei	Thu	4	2

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<Integrated Systems>

Semester	Course Key	Course Title	Language	Instructor	Day	Period	Credit
Spring	440113610E	Micro Electro-Mechanical Systems B	E·J	IKEHASHI, Tamio	Fri	2,3	4
	440113620E	Micro Electro-Mechanical Systems C	E·J	IKEHASHI, Tamio	Thu	3	2
Fall	440113600E	Micro Electro-Mechanical Systems A	E·J	IKEHASHI, Tamio	Tue	3	2
	440113630E	Micro Electro-Mechanical Systems D	E·J	IKEHASHI, Tamio	Thu	3	2
Spring	440113100E	Image Information Systems B	E·J	IKENAGA, Takeshi	Tue	3,4	4
	440113110E	Image Information Systems C	E·J	IKENAGA, Takeshi	Tue	5	2
Fall	440113090E	Image Information Systems A	E·J	IKENAGA, Takeshi	Tue	5	2
	440113120E	Image Information Systems D	E·J	IKENAGA, Takeshi	Tue	4	2
Spring	440113650E	Light Emitting Systems B	E·J	KAKITSUKA, Takaaki	Wed	3,4	4
	440113660E	Light Emitting Systems C	E·J	KAKITSUKA, Takaaki	Tue	2	2
Fall	440113640E	Light Emitting Systems A	E·J	KAKITSUKA, Takaaki	Tue	3	2
	440113670E	Light Emitting Systems D	E·J	KAKITSUKA, Takaaki	Tue	2	2
Spring	440113380E	High-Level Verification Technologies B	E·J	KIMURA, Shinji	Fri	3,4	4
	440113390E	High-Level Verification Technologies C	E·J	KIMURA, Shinji	Wed	3	2
Fall	440113370E	High-Level Verification Technologies A	E·J	KIMURA, Shinji	Fri	3	2
	440113400E	High-Level Verification Technologies D	E·J	KIMURA, Shinji	Thu	4	2
Spring	440113690E	Intelligent Acoustic Systems B	E·J	MAKINO, Shoji	Tue	4,5	4
	440113700E	Intelligent Acoustic Systems C	E·J	MAKINO, Shoji	Fri	2	2
Fall	440113680E	Intelligent Acoustic Systems A	E·J	MAKINO, Shoji	Fri	1	2
	440113710E	Intelligent Acoustic Systems D	E·J	MAKINO, Shoji	Fri	2	2
Spring	440113756E	Terahertz Integrated Systems B	E·J	SERITA, Kazunori	Wed	2,3	4
	440113757E	Terahertz Integrated Systems C	E·J	SERITA, Kazunori	Wed	4	2
Fall	440113755E	Terahertz Integrated Systems A	E·J	SERITA, Kazunori	Fri	5	2
	440113758E	Terahertz Integrated Systems D	E·J	SERITA, Kazunori	Tue	5	2
Spring	440113490E	Opto-electronic Integrated Systems B	E·J	TAKAHATA, Kiyoto	Thu	5,6	4
	440113500E	Opto-electronic Integrated Systems C	E·J	TAKAHATA, Kiyoto	Wed	6	2
Fall	440113510E	Opto-electronic Integrated Systems A	E·J	TAKAHATA, Kiyoto	Thu	5	2
	440113520E	Opto-electronic Integrated Systems D	E·J	TAKAHATA, Kiyoto	Wed	6	2
Spring	440113752E	Green Integrated Systems B	E·J	TANZAWA, Toru	Thu	3,4	4
	440113753E	Green Integrated Systems C	E·J	TANZAWA, Toru	Tue	1	2
Fall	440113751E	Green Integrated Systems A	E·J	TANZAWA, Toru	Thu	2	2
	440113754E	Green Integrated Systems D	E·J	TANZAWA, Toru	Thu	3	2
Spring	440113730E	Integrated System Optimization B	E·J	YAMASAKI, Shintaro	Wed	2,3	4
	440113740E	Integrated System Optimization C	E·J	YAMASAKI, Shintaro	Wed	4	2
Fall	440113720E	Integrated System Optimization A	E·J	YAMASAKI, Shintaro	Wed	3	2
	440113750E	Integrated System Optimization D	E·J	YAMASAKI, Shintaro	Wed	4	2
Spring	440113220E	Wireless Communication Circuits Technologies B	E·J	YOSHIMASU, Toshihiko	Thu	4,5	4
	440113230E	Wireless Communication Circuits Technologies C	E·J	YOSHIMASU, Toshihiko	Tue	5	2
Fall	440113210E	Wireless Communication Circuits Technologies A	E·J	YOSHIMASU, Toshihiko	Tue	5	2
	440113240E	Wireless Communication Circuits Technologies D	E·J	YOSHIMASU, Toshihiko	Thu	3	2

*The syllabuses of Specialized subjects and Exercises are available on "Web Syllabus" or Course Registraion page.
 Web Syllabus : <https://www.wsl.waseda.jp/syllabus/JAA101.php?pLng=en>