## Changes of examination contents from 2019 Entrance Examination.

The examination contents of the following departments are changed as listed below from 2019 Entrance Examination.

## Department

Mechanical Systems Engineering Finemechanics Robotics Aerospace Engineering Quantum Science and Energy Engineering

## Admission

Master's Program : Regular Program for Incoming Students from Other Schools,

Graduate students at September,

Foreign Students

Doctoral Program: Regular Program for Incoming Students from Other Schools,

Foreign Students

Department	Test Subjects	Description		
Mechanical Systems	English	At the time of application, submit an original TOEFL®Test		
Engineering		or TOEIC®Score sheet no older than two years before the		
Finemechanics		entrance exam. Students whose native tongue is English		
Robotics		should contact the department individually.		
Aerospace Engineering	Math A	Differential and Integral Calculus, Linear Algebra,		
	(mandatory)	Vector Analysis		
	Math B	Ordinary Differential Equations, Partial Differential		
	(mandatory)	Equations, Fourier Series and Fourier Transforms, Laplace		
		Transforms		
	Specialized Thermodynamics, Fluid Dynamics, Streng			
	subjects	Dynamics of Mechanical Systems, Control Engineering		
	(elective)	*Choose any two of the above listed five specialized		
		subjects. The choice of subjects must be notified in		
		advance through the department office.		
	Interview	As before		
Quantum Science and	English	At the time of application, submit an original TOEFL®Test		
Energy Engineering		or TOEIC®Score sheet no older than two years before the		
		entrance exam. Students whose native tongue is English		
		should contact the department individually.		
	Math A	Differential and Integral Calculus, Linear Algebra,		
	(mandatory)	Vector Analysis		

Math B	Ordinary Differential Equations, Partial Differential	
(mandatory)	Equations, Fourier Series and Fourier Transforms, Laplace	
	Transforms	
Specialized	Thermodynamics, Fluid Dynamics, Strength of Materials,	
subjects	Dynamics of Mechanical Systems, Control Engineering,	
(elective)	Materials Science, Electromagnetics, Quantum Mechanics	
	*Choose any two of the above listed eight specialized	
	subjects. The choice of subjects must be notified in	
	advance through the department office.	
Interview	As before	

## (Master's Program : Special Selection Program for Working Adults)

Department	Test Subjects	Description	
Mechanical Systems	Math A	Differential and Integral Calculus,	Choose any two
Engineering	(elective)	Linear Algebra, Vector Analysis	of the seven
Finemechanics	Math B	Ordinary Differential Equations, Partial	subjects (Math
Robotics	(elective)	Differential Equations, Fourier Series and	A, Math B, and
Aerospace Engineering		Fourier Transforms, Laplace Transforms	five specialized
	Specialized	Thermodynamics, Fluid Dynamics,	subjects). The
	subjects	Strength of Materials, Dynamics of	choice of
	(elective)	Mechanical Systems, Control Engineering	subjects must be
			notified in
			advance through
			the department
			office
	Interview	As before	
Quantum Science and	Math A	Differential and Integral Calculus,	Choose any two
Energy Engineering	(elective)	Linear Algebra, Vector Analysis	of the ten
	Math B	Ordinary Differential Equations, Partial	subjects (Math
	(elective)	Differential Equations, Fourier Series and	A, Math B, and
		Fourier Transforms, Laplace Transforms	eight specialized
	Specialized	Thermodynamics, Fluid Dynamics,	subjects). The
	subjects	Strength of Materials,	choice of
	(elective)	Dynamics of Mechanical Systems, Control	subjects must be
		Engineering, Materials Science,	notified in
		Electromagnetics, Quantum Mechanics	advance through
			the department
			office.
	Interview	As before	