## Mechanical Systems Engineering

Master

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Experiments

and

Exercises

宝駘 · 渖翌

Master'	s Course	<前期課程>	機械システム工学専攻			
Course Categories 科目区分	Course Format 授業形態	授業科目	Course Title	Lecturer 担当教員	Credits 単位数	Automotive Engineering Graduate Program 自動車工学プログラム Starts 開講時期
Basic Courses 基礎科目	L e c t u r e	動的システム論特論	Advanced Lectures on Dynamical System Theory	Tsuyoshi INOUE	2	1Autumn or 2Autumn (offered every other year)
		自動車工学特論	Advanced Lectures on Automotive Engineering	Fujio TAKIMOTO	2	1Autumn or 2Autumn (offered every other year)
S p e c i a l i z e d c o u r s	セS e ミ i ナ n a r	自動車工学セミナー1A	Automotive Engineering Seminar 1A	Faculty of Automotive Engineering	2	1Autumn
		自動車工学セミナー1B	Automotive Engineering Seminar 1B	Faculty of Automotive Engineering	2	1Spring
		自動車工学セミナー1C	Automotive Engineering Seminar 1C	Faculty of Automotive Engineering	2	2Autumn
		自動車工学セミナー1D	AutomotiveEngineering Seminar 1D	Faculty of Automotive Engineering	2	2Spring
	t e c t u r e	熱工学特論	Advanced Thermal Engineering	Ichiro NARUSE, Ryo YOSHIIE	2	1Autumn or 2Autumn (offered every other year)
		システムダイナミックス特論	Advanced Lectures on System Dynamics	Susumu HARA	2	1Spring or 2Spring (offered every other year)
		材料強度学特論	Advanced Lectures on Strength and Fracture of Materials	Koji MIZUNO	2	1Spring or 2Spring (offered every other year)
		計算機援用工学特論	Advanced Lectures on Computer-Aided Engineering	Toshiro MATSUMOTO	2	1Autumn , 2Autumn
		通信・画像信号処理工学特論	Advanced Lectures on Communication and Image Processing	Masaaki KATAYAMA, Takaya YAMAZATO, Toshiaki FUIII, Hiraku OKADA, Keita	2	1Spring or 2Spring (offered every other year)
		工業における放射線利用	Industrial Uses of Radiation	Akira URITANI	2	1Spring or 2Spring (offered every other year)
		化学工学特論	Advanced Lectures on Chemical Engineering	Faculty of Automotive Engineering	2	1Spring or 2Spring (offered every other year)

Courses from other departments

他専攻等科目

Comprehensive

engineering

courses

総合工学科目

Of class courses offered by Global 30 International Programs of Graduate School of Engineering Department of other than the majors or of class courses offered by Global 30 International Programs of other graduate schools of the University, Graduate School Common Courses, class courses of graduate schools 

Part-Time Faculty

Reiko FURUYA

Faculty of Electrical Engineering and

Faculty of Electrical Engineering and

Yukio ISHIDA Designated Professor

Faculty of Automotive Engineering

1

1

3

1

2

3

4

6

8

1Autumn

1Spring

1Spring, 2Spring

1Autumn, 2Autumn 1Autumn to Spring

2Autumn to Spring

1Autumn to Spring

1Autumn to Spring

2Autumn to Spring 1Autumn to Spring

1Autumn to Spring

<u> 2Autumn to Spring</u>

指導教員及び専攻長が認めた科目

## Research supervision 研究指導

 $\label{thm:method} \mbox{Method of Completion and Research Supervision}$ (履修方法及び研究指導)

Introduction

Advanced Experiments and Exercises

Advanced Experiments and Exercises

Automobile Engineerin

to

Advanced Lectures on Scientific

Technology

Academic

Automotive Engineering

in Automotive Engineering B Advanced

Research Internship1 U2

Research Internship1 U3

Research Internship1 U4

Research Internship1 U6

Research Internship1 U8

- 1. (1) The requirements stated in the following items i) to iii) must be met and a total of at least 30 credits must be acquired. (以下のi)~iii)の各項を満たし、合計30単位以上)
  - i) Basic Courses/Specialized Courses (基礎科目/専門科目) :

自動車工学特別実験及び演習

自動車工学特別実験及び演習

研究インターンシップ1 U2

研究インターンシップ 1 U3

研究インターンシップ1 U4

研究インターンシップ1 U6

研究インターンシップ 1 U8

科学技術英語特論

先端自動車工学特論

コミュニケーション学

- a. At least 2 credits from Basic courses (基礎科目 2 単位以上)
- b. At least 14 credits from Specialized courses, including 6 credits from seminars, 6 credits from lectures and 2 credits from experiments and exercises (専門科目の中から、セミナー6単位、講義6単位、実験・演習2単位を含む14単位以上)
- ii) At least 4 credits from Comprehensive engineering courses. A maximum of 8 credits from Comprehensive engineering courses will be recognized as credits required for completion; credits in excess of 8 credits will be treated as credits for free elective subjects (総合工学科目の中から4単位以上。総合工学科目は8単位までを修了要件単位として認め,8単位を超えた分は随意科目の単位として扱う)
  - iii) At least 4 credits from Courses from other departments (他専攻等科目から4単位以上)
- 2. Research supervision: students will be subject to instruction by academic advisors under the rules prescribed by the department. (研究指導については、専攻において定めるところにより、指導教員の指示によること)