

Course 講義名	Fundamentals of Physics I
Instructor 教員名	Masaki Shigemori
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Code 講義コード	0062211
Day and Period 曜日と時間	Tue 2 (10:30-12:00)
Semester 開講期間	Fall Semester, full
On-Off line 対面/オンライン	Both (students not in Nagoya can choose online)
Participation 指定時間の出席	Yes.
Online tool オンラインツール	NUCT Zoom WileyPLUS
Lecture room 講義室	Not decided
English level 講義の英語レベル	Intermediate
Content level 講義内容の難易度	Easy-Intermediate
Course style 講義形式	Regular Lecture Recommend active participation in class Group discussion
Evaluation methods 主な評価方法	Final exam Mid-term exam Quizzes Homeworks Attendance
Audit 聴講の可否	聴講可
Message from the instructor 教員からのメッセージ	<p><i>This is the first of three lecture courses (Fundamentals of Physics I–III) designed to cover the basic classical physics to provide a firm foundation for learning science and engineering, and is offered to undergraduate students in their first year. This course introduces the concepts and laws of classical mechanics. Specifically, the lecture covers various concepts such as Newton's second law, force, work, kinetic and potential energy, conservation of energy, center of mass and linear momentum. Basic physical and mathematical concepts such as velocity, acceleration, vectors, differentiation and integration are also reviewed.</i></p>

