

1	Title	Energy Conversion and Plasma Physics	
2	Lecturer, Units	Kazuhiro Toyoda	2
3	Purpose	Fluid dynamics and plasma physics are introduced for understanding energy conversion from electric energy to kinetic energy employed in electric propulsion.	
4	Lecture schedule	<ol style="list-style-type: none"> <li>1. Fluid dynamics</li> <li>2. Plasma physics</li> <li>3. Energy conversion from electric power to propulsion</li> </ol>	
5	Evaluation	Participation and weekly report	
6	Note		
7	Textbook Reference	<ol style="list-style-type: none"> <li>(1) J. D. Anderson: Modern Compressible Flow. (McGraw-Hill)</li> <li>(2) F. F. Chen: Introduction to Plasma Physics and Controlled Fusion. (PLENUM)</li> </ol>	