	Faculty of Science and Technology, Department of Vehicle and Mechanical Engineering
Diploma Policy	The Department of Vehicle and Mechanical Engineering approves the graduation of and confers a bachelor's degree (in engineering) to a student who has met the following requirements ((1), (2), and (3)) in accordance with our founding spirit and the Department's objective in developing human resources. (1) A broad educational background, strong language skills, and the ambition and ability to contribute to the development of vehicle and mechanical engineering from a broad perspective and ethical foundation grounded in that educational background. (2) A strong basic knowledge of science and technology, in line with the specialized fields of mechanical engineering and vehicle and mechanical engineering, and the ability to use that knowledge to solve a wide variety of problems as a mechanical engineer. (3) The ability to explore mechanical engineering and vehicle and mechanical engineering actively, independently, and throughout life and work with others on solutions to relevant issues in a social context.
Curriculum Policy	The Department of Vehicle and Mechanical Engineering designs its curriculum, comprising Liberal Arts Education and Specialized Education, to nurture students with the abilities stated in the diploma policy. Students are required to earn a certain number of credits in two fields and pursue wide-ranging studies in order to develop deep knowledge and understanding of vehicle and mechanical engineering as mechanical engineers. (1) Liberal Arts Education comprises Foreign Language, Science of Physical Education, Humanities, Social Science, and other liberal arts subjects and also includes Basic Science and Technology Subjects such as Mathematics, Physics, Chemistry, and Ethics for Engineers. By giving students opportunities to study these subjects, the curriculum allows students to develop a broad perspective and sense of ethics as mechanical engineers and gain the knowledge vital to pursuing their studies in specialized education in the field of vehicle and mechanical engineering. (2) Specialized Education comprises a systematic, integrated framework of subjects that help students progress sequentially from basic knowledge of mechanical engineering to applied studies, deepening their specialized knowledge of vehicle and mechanical engineering. By offering an organic, integrated fusion of lectures and related seminars, lab experiments, and practice labs, the curriculum enables students to obtain a broad range of specialized knowledge that goes beyond mere book learning and develop the adaptive ability to solve problems in response to social demands as mechanical engineers. (3) Liberal Arts Education incorporates elements of active learning. The Specialized Education curriculum also focuses on fostering students' individual motivations to study mechanical engineering and vehicle and mechanical engineering and, by offering related seminars, lab experiments, and practice labs on the themes of multiple subjects, allows students to pursue their interests through active learning. Graduation Research, which students conduct in their final academic year (year 4), allows students to foster their independence, cultivate collaborative relationships, and develop the lifelong assets of interdisciplinary learning and creative thinking skills. (4) The Department of Vehicle and Mechanical Engineering enforces strict grading policies and approves credits in accordance with syllabus content. The Department also lists said information on individual student grade reports and uses it for the purposes of academic guidance and tracking. The Department also has a system for providing individual guidance from a comprehensive standpoint, taking student grades and attitudes into consideration, which allows students to ascertain their own individual progress and work toward future goals.
Admission Policy	The Department of Vehicle and Mechanical Engineering admits applicants who understand the diploma policy and have acquired the following abilities and ambitions through prior education such as high school education. (1) Students seeking admission via the general entrance examination: Strong basic academic abilities in mathematics, science, and English. Students seeking admission via an examination by commendation/special examination: Basic academic abilities in mathematics, science, and English, gained through steady, consistent studies in high school. (2) The capacities for thinking, reasoning, and self-expression that form the foundation for using one's basic academic abilities in mathematics, science, and English to identify problems relating to mechanical engineering and vehicle and mechanical engineering independently, explore possible solutions to the issues, and produce corresponding results. (3) An interest in engineering-oriented science and technology related to mechanical engineering and vehicle and mechanical engineering and an ambition to collaborate actively with a variety of partners in using engineering-oriented science and technology to contribute to society.