

Group 3: Introduction of Our School

School name:	Utsunomiya Technical High school (栃木県立宇都宮工業高等学校)
School address:	52 Suzumenomiyamachi Utsunomiya Tochigi, JAPAN (栃木県立宇都宮工業高等学校)
School URL:	http://www.tochigi-edu.ed.jp/utsunomiyakogyo/nc2/
PR message:	Our school trains an talented person supporting industry. (将来の産業界を担う技術者を育成する)

Summary of the school

Our school was founded in 1923, and, having 4 systems of full time schooling (machine system, electric information system, building design system, environmental construction system) 7 subjects (machine department, electronic machine department, electricity department, electronic intelligence department, building design department, environment facilities department, environment engineering works department) part-time schooling system subject, the ground product is the approximately 80,000 square meters (north and south approximately 400m, East-West approximately 200m), our school is technology high school of the prefecture's greatest scale. The school building is a brightly opening-like design fitted with glass. Our school also considers environment by installing a PV system and using rainwater when we use the restroom. Advanced facilities or equipment like 5 axis machining center, laser material processing machine are maintained to the building for practical training of each system. There are a baseball field and rugby ground and the soccer, 400 meters of tracks in the ground, too, and the club activities are carried out



lively, too. Our high school was designated as Super Professional High school (SPH) by the Ministry of Education, Culture, Sports, Science and Technology (MEXT) this year. The students learn in substantial environment to bring up the talented person of a global engineer playing an active part in the wide world.

The state of the activities of Production system Research Department

Production system Research Department aims at the club activities to play a lively part in the field of both industry and creature. Our team participates in domestic and foreign robot competition with mainly an independence type robot, LEGO mindstorm, and leaves a result. In the competition of the WRO, World Robot Olympiad, in Japan, we leave the grade of the higher winning prize every year and go into a WRO world competition. We make much of teamwork at the same time to raise personal ability. And also we work hard at the production of a robot having higher precision and the improvement of the programming skill while working together through a discussion each other every day. In addition, our team plan an international exchange by participating in an international convention and polish the skill up as the global engineer.

