

本校の教育方針

EDUCATIONAL OBJECTIVES

技術者には、変化する多様な社会のニーズに応えられる基礎学力、与えられた問題、未知の問題に対応できる汎用的能力が求められています。特に、環境に優しい食糧供給とエネルギー開発そして安全と防災を考慮した持続可能な産業・社会基盤づくりが緊急の課題となり、それに取り組む優秀な人材が求められています。

高等専門学校（高専）は、本科 5 年間の一貫教育により、幅広い科目の基礎学力から大学工学部生と同程度の学力を身につけることができる、いわば「高大一貫校」として産業界から高く評価されてきました。函館高専では、学習指導、進路指導、メンタルヘルスに重点を置いています。学習支援室、キャリア教育センター、学生相談室による支援体制を整え、学生が普段の学習で十分な基礎学力とそれに裏打ちされた専門性を身につけ、卒業後は実践的な技術者として活躍できるように指導しています。

本科卒業生には就職以外にも、専攻科（2 年間）への進学、大学への編入学、さらには大学院での研究など、様々な選択肢があります。専攻科修了者は大学評価・学位授与機構の認定を受けて「学士（工学）」の学位を取得できます。函館高専専攻科においては、学生は本科での研究をさらに発展させるだけでなく、企業技術者が特専教授（マイスター）として指導するものづくり伝承プログラムなどを通じて、企画力とコミュニケーション能力を培い、実践的なプレゼンテーション能力に磨きをかけます。このように、函館高専では社会の要請を呼応して新しい試みを取り入れながら、国際社会で通用する人材の育成に当たっています。

Nowadays, engineers are required to possess basic academic skills to meet a wide variety of rapidly changing societal needs and have the capability to apply practically their knowledge to the solution of given tasks and unknown problems. In particular, it is urgently necessary to establish sustainable industrial and social systems in accordance with environmentally friendly food supply and energy development, and with social security and disaster prevention. Therefore, there is a great need for outstanding professionals who will cope with the problems.

Through a 5-year continuous educational program, National Colleges of Technology are capable of installing students with academic abilities in a wide variety of basic and applied subjects. This academic ability is equivalent to graduates of engineering schools at 4-year universities. National Colleges of Technology have received high praise from the industrial sectors for this educational program which effectively offers a continuous education from a high school level to a university level. Hakodate National College of Technology places emphasis on educational instruction, career guidance and mental health. We have prepared a support system by establishing the Study Support Center, the Career Education Center and the Counseling Center. At our college, students receive an education which provides them with a wealth of fundamental academic ability that serves as the basis for further expertise. This education enables students to perform as practical engineers after their graduation.

In addition to seeking employment, graduates of our National Colleges of Technology have many different options including enrolment in our Advanced Course (2 years), transfer to a university, or further research at a graduate school. Students who have completed our Advanced Course are presented with the academic degree of Bachelor in Engineering, accredited by the National Institution for Academic Degrees and University Evaluation. In the Advanced Course of Hakodate National College of Technology, students do more than simply expand upon the research which they conducted in the college. They also participate in programs such as "engineering inheritance program", in which corporate engineers acts as special professor (meister) and provide instruction. Such programs allow students to acquire planning ability and communication skills, and to refine their practical presentation skills. In this way, Hakodate National College of Technology is implementing new programs to respond to the demands of society and to cultivate professionals who can perform on the international stage.



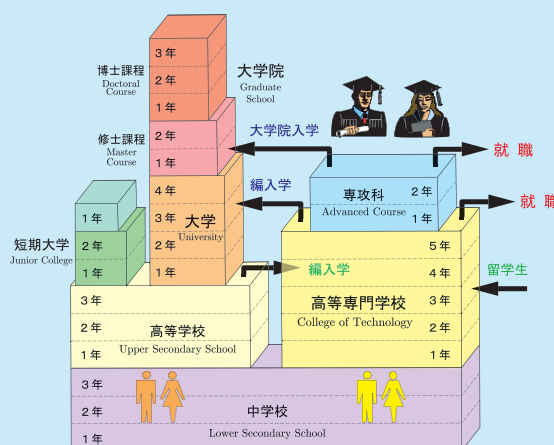
校長 President
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日本の学校制度と高専 Japanese School Systems and National College of Technology

昭和 37 年度に産業界からの強い要望に応えるため、実践的技術者を養成する高等教育機関として高等専門学校創設。平成 3 年度に高等専門学校制度の改正（卒業後に称号〈準学士〉付与、分野の拡大、専攻科制度の創設）。

National Colleges of Technology were established in 1962 as higher education institutions that train practical engineers in order to meet the strong demand from industry. The technical college system was revised in 1991 (degrees (associate degrees) awarded after graduation, expansion of the fields of study and the establishment of an Advanced Course system).



■ 本校の目的（使命） Objective (Mission)

本校は、教育基本法にのつとり、及び学校教育法に基づき、深く専門の学芸を教授し、職業に必要な能力を育成することを目的とする。

In the spirit of Japan's Fundamental Law of Education and the School Education Act, our college seeks to provide instruction in deep, specialized academic abilities and to cultivate the abilities necessary for employment.

■ 教育目的 Educational Purpose

技術者に必要な実践的かつ専門的な知識および技術を有する創造的な人材を育成するとともに、実践的研究の水準向上に努め、道南地域唯一の総合的な技術系高等教育機関として均衡ある発展を図る。

In addition to cultivating creative professionals that possess the practical and specialized knowledge and skill required in engineers, our college seeks to improve the standards of practical research and to achieve balanced growth as the only comprehensive institution of higher education in engineering in the southern Hokkaido region.

■ 教育目標 Educational Goals

本校は優れた技術者を育成する一方、技術相談や共同研究を通じて、地域社会や地域企業の発展に貢献したいと考えています。本校は、実践的な技術者教育と地域に根ざした学校という特徴を生かして、大学とは異なる高等教育機関を目指します。本校は、地域、日本、世界のあらゆる分野で活躍するためには、以下の能力を備えた技術者が必要と考え、その育成を教育目標としています。

In addition to cultivating outstanding engineers, our school seeks to contribute to the growth of regional society and regional corporations through technical consultation and joint research. By utilizing our practical engineering education and our status as a school imbedded in the community, our college seeks to become an institution of higher education which is unique and different from conventional universities. Our education goals include the cultivation of the abilities listed on the right, which are considered to be essential for engineers who work efficiently and effectively in various fields of the regional, Japanese and global society.

- A. 創造力と実行力を持った技術者
Engineers possessing creativity and implementation ability.
- B. 専門技術に関する基礎知識を持った技術者
Engineers possessing fundamental knowledge of specialized technology.
- C. 情報技術を活用できる技術者
Engineers mastering information technology.
- D. 社会の歴史や文化、技術者倫理を理解して行動できる技術者
Engineers who understand social history, culture and engineering ethics, and behave themselves based on that understanding.
- E. 多面的なコミュニケーション能力を持った技術者
Engineers who possess multifaceted communication ability.
- F. 問題解決のためのデザイン能力を持った技術者
Engineers who possess design ability for problem-solving.

■ アドミッションポリシー Admission Policies

函館高専では、教育目標にあるような技術者を世に送り出すために次のような人の入学を期待しています。

In order to produce engineers in accordance with our educational goals, Hakodate National College of Technology looks forward to accepting students that possess the qualities listed below.

- 人々のため、社会のために働きたい人
Individuals who want to work for the good of humankind and society.
- 仲間と協力して「夢」を実現する事業に挑戦したい人
Individuals who want to cooperate with others to try business for archiving their dreams.
- 世界を舞台に新しい技術を開発してみたい人
Individuals who want to develop new technology on a global scale.
- いろいろな「ものづくり」に携わりたい人
Individuals interested in becoming involved in a variety of manufacturing.
- コンピュータを活用して仕事をしたい人
Individuals who want to use a computer in their work.