



校長 President
工学博士 俣野 茂
TADANO, Shigeru D.Eng.

函館高専は、我が国最初の国立高専（一期校）として昭和37年に開校して以来、社会や産業界の期待に応える実践技術者としての人材を数多く育成し、輩出してきました。中学卒業後の5年間一貫教育で、工学部生と同程度の専門知識が習得できる高等教育機関です。高校・大学一貫（高大接続）の技術者教育をすでに実践してきており、産業界等からも高い評価を受けています。本科卒業後は専門技術者として企業や官公庁等に就職することになります。但し、国公立大学の理

系学部や工学系大学に編入する場合も多く見られます。また専攻科（2年間）に進学すると、修了者には4年制大学卒業と同じ学士の学位が付与されます。そこから他大学の大学院に進学することができます。卒業後の様々な進路に対し、5年間じっくり自分の適性を見て将来を計画する個別指導を行っています。

科学技術の進歩は目覚ましいものがあります。また現在はこれまで例のない少子高齢化が進み、人口減少問題に直面しています。しかし、我が国の産業基盤の中心が科学技術を基本とした「ものづくり」にあることには今後とも変わりありません。グローバル化と同時に「地方創生」の産業基盤を支える工学教育と「ものづくり」人材育成には、地域にある高専の重要な役割です。函館高専では、人格形成期における人間力教育と工学基礎教育を重視するとともに、産業界に役に立つ応用・実践までの工学一貫教育を行い、同時に海外グローバル活動を醸成する人材育成のための国際教育を進めています。地域の活力や高度化・国際化に対し、新しい技術分野に対応できる独自の教育システムを整備しています。生産システム工学科、物質環境工学科、社会基盤工学科の3学科には、それぞれ最新の機器や設備が導入されています。また、グローバルエンジニアとして活躍できるよう、英語の学習環境も整っていますし、国際交流や海外研修などのプログラムも用意されています。

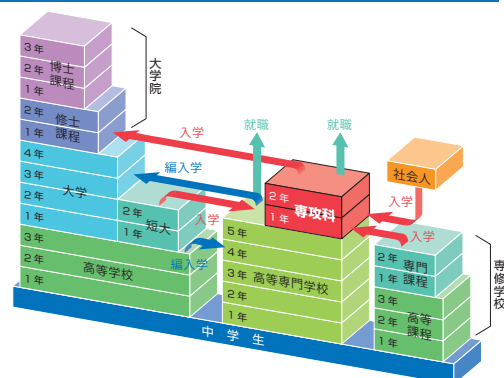
The National Institute of Technology, Hakodate College has trained and produced many talented persons as practical engineers who are meeting the expectations of society and the industrial world since our opening in 1962 as Japan's first national institute of technology (one term school). We are a higher education institution at which it is possible to acquire expertise at the same level as university students in faculties of engineering with five years of integrated education after graduation from junior high school. We have put into practice integrated high school and university (high school university combined) engineer education and so we have won high praise from the industrial world. After graduation from this college, our students are usually employed by companies and government agencies as professional engineers, but we also often see cases in which they enter science or engineering school of public universities. Moreover, for those joining an advanced course (two years), graduates will be conferred with a bachelor's degree the same as with graduating from a four year university. It is then possible to enter a graduate school at another university from that point. We provide individual guidance to plan for your future by carefully looking at your aptitude over five years for the various paths it is possible to take after graduation.

The progress in science and technology is remarkable in the world. Furthermore in Japan, we are facing a declining population problem due to the unprecedented advance of the decreasing birthrate and the increasing aging population. However, there will be no changes in the future with regards to the fact that the center of the industrial foundation of Japan is found in the "manufacturing" which is based on science and technology. The important roles of regional technical institutes are engineering education and "manufacturing" human resource development to support the industrial foundation of "local creation" at the same time as globalization. We stress the importance of human resource education and basic engineering education in the character building years at the National Institute of Technology, Hakodate College. Together with this, we provide integrated engineering education up to application and practice that is useful in the industrial world. At the same time, we are promoting international education for human resource development to foster global activities. We have established our own education system that can respond to new technological fields for regional revitalization, sophistication and internationalization. We have introduced the latest equipment and facilities into each of our three departments: The Department of Production Systems Engineering, Department of Material and Environment Engineering and Department of Civil Engineering. Moreover, we have also set up an English learning environment and offer international exchange and overseas training programs so that it is possible for our students to play an active role as global engineers.

日本の学校制度と高専 Japanese School Systems and National Institute 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 Institute 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、教育基本法にのっとり、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

函館高専は、中学卒業生を対象とした5年間一貫教育を行い、高度な実践的技術者を育成する高等教育機関として、以下の教育目標を掲げます。北海道・道南・青函地域に根ざした学校の特徴を生かし、地域、日本、世界のあらゆる分野で活躍する技術者に育てるための教育環境を提供します。

National Institute of Technology, Hakodate College has set the following as our educational objectives as a higher education institution that provides integrated education over five years to junior high school graduates to train advanced practical engineers. We provide an educational environment to train engineers to work in all areas locally, in Japan and around the world by taking advantage of the characteristics of our institution that is rooted in the Donan and Seikan regions of Hokkaido.

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.

本校教育における三つの方針(ポリシー)については、本校HPに掲載しています。



We have published the three policies for education in this institution on our website.

求める人材像 Desired Profile of Students

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、募集要項に示す受け入れ方針に従い、基礎学力を有する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, National Institute of Technology, Hakodate College, expects the admission of students that possess the qualifications listed below and the basic scholastic skills, according to the acceptance policy shown in our application guidelines.

● 科学技術に興味があり、それを活用して社会へ貢献する意欲や夢のある人

Those who have an interest in science and technology and who have a desire or dream of taking advantage of that to contribute to society

● 異なる文化を尊重し、国内及び国際社会で活躍したい人

Those who respect different cultures and who wish to work in Japan and on the international stage

● 大学や専攻科に進学してさらに高い専門性を身につけたい人

Those who wish to go on to a university or an advance course to acquire further specialization

● 高専・大学・専攻科・実社会などの各ステージを通して成長し続けたい人

Those who wish to continue growing through each stage of a national institute of technology, university, advance course and the real world

● 仲間と協力してともに成長し、未来を切り開こうとする協調性やコミュニケーション能力のある人

Those with a spirit of cooperation and communication ability to grow and open up the future together while cooperating with others