

K'vgnwR Ktj R

evox # 30, tm±i # 09, tivW # 02, DËiv, XvKv |
†Uwj : 7912157-8, 01919-527073, 01715-698181

AvšRwZK e'v†Pj i m&wMö

1. tgnw b BwÄnbqwi s
2. buUK'vj mvBÝ

* wKwK thvM'Zv _vK†Z nq?

tgnw b BwÄnbqwi s A_ev buUK'vj mvBÝ G e'v†Pj i wMö nj wKwcs BÜwó†Z mšybRbK Pvkwi cvl qvi b†Zg thvM'Zv| wek| A_šwZK g'vi tçŋvctUI Gw†K mteP mšyb tckv wntmte wetePbv Kiv nq| GKgvŋ UN-BÜvi b'vkbyj tgnw UvBg AMövb†Rkb IMO KZK bweK† i AvšRwZK thvM'Zvi gvcKwW wbaŋi Z nq|

* fWZP thvM'Zv:

MwYZ I c`v_ŋ`vq f†jv gvKŋmn G t†fj A_ev mggv†bi D'P gva'wgK cixŋvq DËxY©n†Z n†| covi bvi gva'g B†i wR n† qvq B†i wR fvlvq cvi`wkZvi cŋqRb i†q†Q| ZvQvovl GwJB tgnw UvBg BÜwó† cŋvj Z/ óvÜw© fvlv wntmte e'ëüZ nq|

* †Kv_vq coteb?

e'v†Pj i m&wMö ARB Kiv hvq tgnw UvBg d'vKwè A_ev Ktj R n†Z hv wKbv `ŋbvgab` BDwb fwmö n†Z `ŋKZ thvM'Zvi gvcKwW/ óvÜw© Aek'B **IMO** Øviv wöZ n†| we†k†i we†fba†††k Kwi Mwi thvM'Zv, **UN-IMO, WMU, MIF**-i †dglqvK©†g†b, cŋ†fU tÜBwbs BYwJwDU Gi gva'†g wKQz dvB†Ükb Ges wçö BDwb fwmö †Kvŋŋn Kiv†bv nq|

* g† we†eP' wcl qw :

- **BIMT**-Bangladesh Institute of Marine Technology, Narayangonj Gi Qvŋiv **SSC** Gi ci two years trade course †k†l Cambridge College G Higher National Diploma- HND in Marine Engineering and Marine Nautical Science wMö w†q we†k†i we†fba†††ki Marine Academy / University _†j†Z AwZ m††RB †µwU U†Ydvi K†i cieZx GK (01) eQ†i B.Sc. in Marine Engineering or Nautical Science degree w†Z cvi†e| Cambridge College already has acknowledgment from **BIMT** & Bangladesh **Govt.** respective authority.
- mZK†KiY:
- G'vKv†WngK wMö e'ZxZ †Kvb kUŋvU Dcv†q ev `††gqv`x cŋŋY w†q †KD wPd BwÄnbqwi ev K'vctÜb n†Z cv†i bv| th†nZz fWZP thvM'Zv **UN-IMO** Øviv wbaŋi Z _††K|
- **HND** wK?

nvBqvi b'vkbyj w††cvq (HND) GKw 2 eQ†i i wKŋvmb` hv wKbv UK i largest Awarding body – **Edexcel International** Øviv accredited. "**National Qualification Framework**"- UK (NQF) at level – 5 Øviv HND Qualifications wntmte `ŋKZ| hv British Ministry of Education Gi

Qualification and Curriculum Authority (QCA) in conjunction with "Institute of Marine Engineering, Science and Technology (IMarEST), the "Maritime & Coastguard Agency-MCA" and "International Maritime Organization-IMO" with career progression & recognition by professional bodies world wide. HND Final year G Top-up

- **Cambridge College, Edexcel International-the largest awarding body in UK HND tuition provider**

Cambridge college G

- Cambridge College Edexcel HND Syllabus Marine Academy / University Approved Cambridge College "South East Asia Region" G 2q Ktj R hv **GlobalMET, BIMCO, IMLA, ABS-CMA, "Maritime Industry Foundation"** Gi Educator Membership 100 Maritime University/ Institute **GlobalMET, BIMCO, IMLA, ABS-CMA, MIF** Marine Academy / University Bachelors in Marine Engineering or Marine Nautical Science degree
- Maritime Coastguard Agency (MCA) UK Govt. **Maritime English Course**
- Cambridge College has necessary approval from **BIMT & BD.Govt** to visit govt BIMT training workshop for the students practical purpose of the College.
- On board ship training
- Cambridge College Deserving Candidates Job Placement
- Cambridge College Internship, Placement & top-up

AvSR

90 kZvskB cwi emnZ nq BÜvö? | A_ÖmZtZ emil 200 Wj vi Avtm cÖq 50,000 gvtPÖU kC,tjv nZtZ| 150 WJi I tekxi t`tki World Fleet t`i wRtókKZ AvbycwZK nvti tZi j ¶ Seafarers mvi wtk;wkwcs G KZ@i Z, hvi tekxi fV M cÖavbZ wmbqi Awdmvi Mb hvi v wKbv Dbz wtk; t`k,tjvi | wKŠ tekxi fV M Ratings Ges µgvbrynti ep× cvt"Q Awdmvi, hvi v wKbv wwfbrDbqbkxj t`tki cÖZwbuaZj Ki tQ| Its remarkable that still there is a shortage of 1,00,000 officers and another half million seaman's in the shipping industry. For further info visit: IMO, ISF, Marisec

*Expenditure: -One year study in abroad including tuition fee, food and lodging will cost around taka 05 lacs to 15 lacs, depending on University and Country. At Cambridge College: **1st year** costs (Payable in two installments)

- Admission fee.....tk.10,000/=1st year tuition fees....tk. 1,75,000/=
- 1st installment tk. 10,000 + 85,000 = 95,000/=
- 2nd installment tk. 90,000/=(After 1st sem. exam)
- Maritime English Course fee = 250 US\$ as per MCA Uk.
- Hostel Registration fee tk. 4000 and tk.5000 for food & lodging per month

2nd year: 1, 30,000/= Payable in two installment

Admissions Requirements:

- SSC & HSC Certificates/Transcripts Photo Copy
- Photos (2 PP & 2 Stamp size) Four copies
- Medical Report of Eye sight
- Father's/Sponsor's confirmation to bear all expenses

For further info & assistance please feel free to contact:

Admissions Office, Mr Aminul Islam, Tel: 712157-8,017-15-698181,0191-19527073,Email: iro@cambridgecollege.asia www.cambridgecollege.asia

International Bachelors Degree

in

- 1. Marine Engineering**
- 2. Marine Nautical Science**

What are the Qualifications?

A bachelor in Marine Engineering or Nautical Science is the minimum required Degree to get a respectable job in the shipping industry. These are regarded to be the highest paid jobs, even during severely affected recessions prevailing through out the world.

International competence standards for seafarers are determined by the **UN**-International Maritime Organization-**IMO**.

Entry Requirements:

Good grades in A-levels or equivalent senior high school leaving examinations with Mathematics and Physics. Proficiency in English language is mandatory as the classes would be conducted in English. Moreover, it is the standard language used by the maritime industry.

Where to study?

Bachelors Degree may be obtained from maritime faculty or college within a recognized University. The competence standard must be conformed by **IMO**.

Some **Foundation** and/or **pre-University** courses are offered, in different countries, under their technical qualifications frame work by private institutes according to IMO prerequisites.

Vital points to note:

- Only successful candidates are permitted to work on international merchant ships, **as cadet officers**, if they have been issued with what are known as "**STCW**" certificates in either deck or engine departments.
- To get "STCW" certificate, officers must complete, **one year** or more, **on-board ship training** at sea **along with** a shore-based **3 to 4 years** university level maritime education.
- As per entry requirements set by **UN-IMO**, there is no short cut way to become Chief Engineer / Captain by undergoing through short training courses without having related 3 to 4 years university level **academic degree**.

What is HND?

Higher National Diploma (HND) is a 2 year qualification offered by UK's largest awarding body Edexcel International. HND qualifications are accredited by National Qualification Framework (NQF) at level-5, under the British Ministry of Education and regulated by Qualification and Curriculum Authority (QCA).

All British Universities and many universities of the world accept **HND** at the **final year** of their respective bachelor degree courses as a "**top-up**" program.

Cambridge College, Bangladesh is **accredited HND tuition provider** for Edexcel International, UK.

What does Cambridge College offer?

- 2 years **HND** in • **Marine Engineering** • **Nautical Science**.
- Maritime English Course, approved by **Maritime Coastguard Agency (MCA)**-UK
- Academic English Language course under Cambridge **ESOL**.
- Progression route to Bachelor Degree top-up programs to many Universities in the world. Existing agreements are with UK, China, Netherlands, Malaysia, Denmark, Korea, etc.
- Arrange "on board ship training".
- Assistance for job placement to deserving candidates.
- Arrange internship, placement & top-up to higher education for deserving candidates of Bangladesh Govt. run marine institutes.

Why choose Cambridge College?

Only accredited institution in Bangladesh to provide tuition for Higher National Diploma-**HND** in **Marine Engineering** and **Marine Nautical Science**.

Cambridge College have joined as educator member of **"BIMCO"-Baltic & International Maritime Council** (one of the largest maritime organization) to promote maritime education world wide.

Cambridge College is educator member of **GlobalMET-(Global Maritime Education and Training association)** to promote global maritime education.

Cambridge College have joined as the Group Member of "International Maritime Lecturer's Association-IMLA" at World Maritime University-Sweden to promote maritime education world wide.

Cambridge College has achieved Educator Membership of "Connecticut Maritime Association-CMA" under "American Bureau of Shipping".

Cambridge College has achieved Educator Membership of world **"Maritime Industry Foundation"** (MIF) which is the Round Table (**BIMCO, ICS, INTERCARGO, INTERTANKO**) and the **"International Maritime Organization"-IMO** supported organization to promote global maritime education. There are 60 Universities and educational institutions, through out the world, who obtained prestigious membership of MIF.

Cambridge College has already developed bilateral cooperation with a number of Universities / Marine Academies of different countries of the world who shall accept HND holders at final year (3rd year) of their respective courses to complete Bachelor Degree with in another one year.

After successful completion of 2 years HND at Cambridge College, we will arrange transfer students (Admissions, Internships, On board Ship Training etc.) into a foreign Maritime Academy/University, duly accredited by **United Nations** –International Maritime Organization-**IMO**-World Maritime University-**WMU**, to top up the Bachelor Degree for another one year theoretical & one year Shipboard Training. Thereafter, to join Ocean going ship as Cadet Officer or Fourth Engineer heading to be the Captain or Chief Engineer.

What Do Trainee Officers Study?

Ships' officers must be qualified in the competence standards required by the **UN** International Maritime Organization's **STCW** Convention (the International Convention on Standards of Training, Certification and Watchkeeping for Seafarers). Seafarers are only permitted to work on internationally trading ships if issued with STCW certificates in either the deck or engine departments. These qualifications are recognized internationally

Deck Officers: After completion of Bachelor in Marine Nautical Science:- Following are some of the skills learned by trainee deck officers, in accordance with international requirements:

Managing a navigational watch (in effect taking charge of safety of the ship); planning a passage (using charts); using radar and high tech aids; radio communications (using maritime satellite systems); maneuvering the ship; cargo handling; crew management; pollution prevention; firefighting; lifeboat use; and medical care.

Engineer Officers: After completion of Bachelor In Marine Engineering:- Following are some of the skills learned by trainee engineer officers:

Marine engineering; maintenance, repair and reassembly of shipboard engines and equipment; electrical engineering; electronic engineering; control engineering; crew management; pollution prevention; firefighting; lifeboat use; and medical care.

The International Shipping Industry:

"The shipping industry is transporting 90% of the world's trade. There are around 50,000 merchant ships generate an estimated annual income of over US \$200 billion in freight rates within the global economy. The world fleet is registered in over 150 nations, approximately one and a quarter million seafarers are employed worldwide in shipping, which relies heavily on the expertise of officers, especially senior officers, from countries in the developed world. But in most ratings, and a growing number of officers, are employed from countries in the developing world." Its remarkable that still there is a shortage of 1,00,000 officers and another half million seaman's in the shipping industry. Please visit: www.imo.org and www.marisec.org/isf; www.careers-at-sea.org .

Why Work At Sea?

1. **Lucrative wages** : All over the world, ships' officers working on international trading ships are amongst the **highest paid** in comparison with other professions. Seafarers have relatively few expenses when working at sea as accommodation, travel and food are all met by the employer!!! The real value of wages may often be substantially greater because they are **frequently tax free**. Wages obviously vary according to the country in which you live and the shipping company you work for. Some types of ship require specialized skills for which pay may be higher than others that depends on **one's academic background**, as well!!

2. **Early responsibility** :- Ships' officers take on considerable responsibility right from the start of their careers. Officer trainees usually learn the professional skills required through combining education at specialist institutions and practical training on ships and can expect to qualify as either a Deck or Engineer Officer at the "Operational Level" within 3 or 4 years of starting maritime education and training.

Within 10 years of commencing specialist **Maritime Education and Training**, it is possible to qualify as a Captain/Master or Chief Engineer with total responsibility for the operation of a ship and the management of its crew. But without having any academic background on **Maritime Education and Training** it is not possible to qualify as a Captain or Chief Engineer even or ship officer in command.

3. **Opportunity to travel:** - Many ships trade "anywhere" - not just the usual business or holiday destinations. It means that you can travel to almost "all around the world" -from Los Angeles to Hong Kong, to Tokyo or London, opportunities are endless.

4. **Good long term prospects:** There is a need for more qualified ships' officers to meet the skills required by international shipping companies. Many senior personnel are shortly due to retire so there are excellent prospects of fast advancement for keen personnel.

Career opportunities extend to **shore-based management jobs**, requiring people with seagoing experience. **so a career at sea may not mean a lifetime at sea.**

5. **Doing something useful** : -Today's competitive world sometimes make it difficult to fully understand the value of most jobs. Shipping, however, is a key to the global economy, responsible for carrying over 90% of the world's trade. Without shipping the world economy would collapse. It would be impossible to transport the vast quantities of food, raw materials and manufactured products the world currently takes for granted.

People working at sea have the satisfaction (**of doing something useful**) of knowing that shipping is also the safest and most environmental friendly form of commercial transportation, and that they are playing a vital role in ensuring efficient global trade.

6. **Career flexibility and security:** Shipping is an ideal occupation for individuals seeking something exciting. Today's working environment is increasingly uncertain. A career in shipping can combine security of employment with flexibility and opportunity. Merchant ships' officers hold internationally recognized qualifications meeting standards agreed by the United Nations.

7. **Long holidays:** In most jobs, it is normally possible to take a maximum of two or three weeks holiday at one time once a year, and total annual holidays are of course far less than you may be used to at colleges or schools. In shipping, however, seafarers generally enjoy very generous leave or holiday periods (with the cost of return airline flights paid for by the company as an international legal requirement).

In shipping, however, seafarers generally enjoy very generous leave or holiday periods (with the cost of return airline flights paid for by the company as an international legal requirement).

Exact terms will vary, but on "short sea" trades a system of one month working followed by one month paid holiday is often applied. On intercontinental or "deep sea" trades, leave periods of several months' duration are not uncommon.

So while seafarers are inevitably away from home for long periods, they also enjoy flexibility to pursue other interests at home, or spend extended periods of time with their families.

8. **'Something different' from working in an office!**: A ship is a unique environment because it is home to those working on board, and there is a special relationship between seafarers, who enjoy a stimulating life which is different to the experience of people working ashore.

There are many opportunities for socializing, both on board ship and during visits to foreign ports. Life on board ship can be very cosmopolitan, with many different nationalities of seafarer working together. Joining the shipping industry is actually like belonging to an international club.

Career Development:

Ships Officers generally work in two departments - Navigation (often called Deck) and Engineering and this begins when you enroll as an officer trainee! The education and training programs for each discipline are a mixture of academic work combined with practical training, at college/university and at sea. Below you can see the epaulettes (the ornamental shoulder piece or decoration used to show job roles (ranks) in the Merchant Navy).



