

Turun Ammattikorkeakoulu

# **Master of Engineering, Marine Technology**

## **Koulutusohjelma**

Master's Degree Programme in Marine Technology

## **Koulutustyyppi**

Master School (ylempi AMK)

## **Hakijat/aloituspaikat**

-/20 (year 2019)

## **Tutkintonimike**

Master of Engineering

## **Koulutuksen laajuus ja kesto**

60 ECTS / 2 years

## **Koulutuspaikan osoite**

## **Koulutuspaikkakunta**

Turku

## **Seuraava haku**

Joint application 20 March - 3 April 2019

## **Yhteystiedot**

[Pekka Räisänen](#)



## **Master of Engineering, Marine Technology**

The education is targeted for practicing engineers who have a Bachelor of Engineering (B. Eng) degree in a field, which is related to the industries in Marine Technology. The education is workplace-oriented and the aim is to provide additional qualifications for demanding managerial and specialist positions in the Marine Technology business. A B.Eng degree in Naval Architecture or in Marine Technology is an asset but not a requirement for admission or for completion of the degree. The education is designed to support the participant's daily occupation. The learning tasks, as well as the Master's thesis are designed to allow the development of the employer organization's activities, benefiting both parties.

Education of Marine Technology is carried out as part of the Master of Engineering Programmes in Turku University of Applied Sciences. The studies consist of methodological and business studies as well as advanced professional studies in Marine technology (30 credits), and the thesis work (30 credits). The nominally two-year education is planned for students who have full time occupations. The teaching methods are flexible and they stress the responsibility of the students and their employers in learning. Two mandatory week-day attendances per month are set in curriculum, otherwise the timing is rather flexible. The study methods emphasize teamwork of the students. All students prepare individual study plans, which are closely linked to their profession and thesis work.

To be eligible, applicant must have at least a Bachelor of Engineering degree, the extent of which is at least 240 ECTS credits. Should the applicant have an engineering degree of less than 240 ECTS, to be eligible, she/he should also have completed additional relevant studies so that the 240 ECTS requirement is fulfilled. In addition, applicant must have a minimum of three years of relevant work experience after completing the degree as well as good proficiency in English language.

[Download the brochure \(pdf\).](#)

## **More information at Studyinfo**

Studyinfo is the Finnish national portal for applying online. At Studyinfo you'll find

- student selection criteria
- eligibility criteria
- more information about the degree programme
- the application form

[Go to Studyinfo](#)

## **Preliminary task 2016**

Näytä lisää

The admission to the Programme of Master of Engineering, Marine Technology 2016 is based on a preliminary task. It consists of two tasks, both of which must be completed.

### **Task 1:**

Discuss and explain your motivation of applying (such as you want to improve your expertise, to develop your managerial skills and know-how, etc.). Describe your strengths in terms of completing the education. Reflect on your past performance in studying your B.Eng. degree, your efficiency and your grades. Describe your choice of topic for your B.Eng. thesis, your

performance in carrying out the thesis work, and the quality of your academic accomplishments in general.

Elaborate on your work experience, and your development as a practicing engineer. Describe how your engineering skills have benefited from working life after graduation. Describe what kind of additional qualifications you expect to gain from M.Eng. studies at Turku University of Applied Sciences.

Evaluate your potential to carry out the M.Eng. studies related to the practical matters (such as location, time and money) from your own, your nearest persons', and your employer's point of view. In what way would your employer and your colleagues support your studies, and specifically the Master's thesis development? What kinds of thoughts and ideas do you have on the practical development task that would form your Master's thesis? If you are not currently employed, you can base your reflection on another workplace, organization, company or project that you know of.

Write an essay of 4-5 pages, in English, using the given document template.

### **Task 2:**

Reflect and critically evaluate the opinions and facts in one of the two reference articles (listed below) against the current circumstances of your employer. If you are not currently employed, you can base your reflection on another workplace, organization, company or project that you know of.

Write an essay of 4-5 pages, in English, using the given document template. In the text, indicate clearly what your own opinions are, by using citations when you refer to the article.

Reference articles, select one:

Emblemsvåg, Jan: Lean Project Planning in Shipbuilding  
Journal of Ship Production and Design, Vol. 30, No. 2, May 2014, pp. 79-88

Krueger, S.: The Role of IT in Shipbuilding  
TU Hamburg- Harburg  
[http://www.ssi.tu-harburg.de/doc/webseiten\\_dokumente/ssi/veroeffentlichungen/compid03.pdf](http://www.ssi.tu-harburg.de/doc/webseiten_dokumente/ssi/veroeffentlichungen/compid03.pdf)  
(Retrieved 2016-01-31)

### **Document template**

#### **Submission of the preliminary task:**

The preliminary task must be received at the **latest April 6, 2016 at 15:00 local time** by the Admissions Office at Turku University of Applied Sciences (Joukahaisenkatu 3 A, FI-20520 Turku, Finland, phone +358 2 26335821, email: [admissions@turkuamk.fi](mailto:admissions@turkuamk.fi)).

Late and incomplete preliminary tasks will be rejected. Use the given document template. Remember to include your name, application number

(which you received when you filled in the application form), email address and phone number in the preliminary task document.

**Evaluation criteria:**

The structure and the content of the essays are evaluated. In Task 1, the description of the practical development task is emphasized. In task 2, the reflective use of the source material is particularly stressed in evaluation.

**Kysely kevään 2016 yhteishaussa opiskelemaan hakeneille**

Kevään 2016 yhteishaun hakija! Auta meitä kehittämään markkinointiamme vastaamalla lyhyeen kyselyyn: <https://www.webpolsurveys.com/S/69C414739F810F40.par>

Kysely on tarkoitettu kevään 2016 yhteishaussa Turun AMK:iin hakeneille ja siihen vastaaminen kestää n. 5-10 min. Kyselyyn vastataan anonyymisti.

**Vastaukset eivät vaikuta yhteishaun valintoihin.**

Kiitos vastauksista ja onnea valintoihin!