



# TopShore

Information Syllabus  
for *ingenieros*  
2019



[www.top-shore.com](http://www.top-shore.com)

# INTRODUCTION

¡Hola ingeniero!

Thank you for your consideration. Included in this syllabus is valuable information on how TopShore operates, why you should sign up with us and what to expect when you do.

TopShore is a Dutch company, founded in 2018 and started its operations in 2019. Our headquarters is based in Rotterdam, the Netherlands.

TopShore is a technical temporary employment agency and is the perfect connection between Spain and the Netherlands for Spanish engineers (ingenieros). We founded TopShore as there is a severe shortage of well-educated engineers and designers, and a growing overflow of job opportunities with some sizeable, interesting companies. TopShore has an incredible network of companies and employers in the Netherlands.

Going abroad to the Netherlands puts extreme added value to your career as this country has been very innovative and progressive throughout the years. TopShore helps you in ensuring a stable future with a respectful company, a good salary and opportunities for growth and development. Working abroad in the Netherlands will give you both professional and personal experience as you will encounter new working methods, learn about cultural differences and make new friends.

## SOME OF OUR JOB OPPORTUNITIES AT A GLANCE

Our engineering trainee programs revolve around offering job opportunities in the Netherlands to Ingenieros from Spain. During the time you are with us, we provide you with a suitable employer and also offer courses to further educate yourself.

*"I have experienced that working 1-2 years in The Netherlands adds the same value to your experience as working for 5-6 years in your home country. I really enjoyed my time in The Netherlands and would recommend any Engineering Student to experience working abroad."*

- Mercedes Fajardo Santos  
Director Colegio y Asociación de Ingenieros Industriales

## EXAMPLES OF JOB OPPORTUNITIES

### DATA ANALYST (MSC)

**EXAMPLE**

- **Tasks**  
Analyse datasets using advanced computing tools, an example work field is Industry 4.0 evidence-based decision making and condition-based monitoring;  
Develop tools to analyse data for specific applications using self-developed code or modifications to available software scripts;  
Clearly present results;
- **Skills**  
Strong analytic skills and ability to draw conclusions from data (distil trends and determine the significance of findings);  
Proficient in programming language (Python/MATLAB/C++ or alike).

### ROBOTICS AND AUTOMATION ENGINEER (BSC)

**EXAMPLE**

- **Tasks**  
Select and implement Robotic solutions to automate processes;  
Selection includes understanding the nature of its application and finding the right equipment;  
Implementation includes configuration, testing and commissioning of the robots together with the surrounding automated environment;
- **Skills**  
PLC programming and program design;

## EXAMPLES OF JOB OPPORTUNITIES

### FEA ANALYST (MSC)

**EXAMPLE**

- **Tasks**  
Structural design of (mainly steel) structures;  
Finite Element Analysis modelling;  
Reporting of results;
- **Skills**  
Basic knowledge in structural mechanics;  
Basic experience with Ansys/Femap/RFEM/Nastran or alike;  
Accurate and analytic.

### DESIGNER (MSC / BSC)

**EXAMPLE**

- **Tasks**  
3D drafting;  
Conceptual engineering;  
Detailed engineering including occasional 2D drafting;
- **Skills**  
Creative in finding design solutions;  
Must have feel for proportions and be decisive in making design steps also with unknowns in play;  
Experience in using Autodesk Inventor/SolidWorks/SolidEdge or alike.

## EXAMPLES OF JOB OPPORTUNITIES

### MACHINE DESIGNER (BSC)

**EXAMPLE**

- **Tasks**  
Make (concept) drawings of machines and equipment in 3D;  
Make high level calculations of subsystems to be able to select bearings, drives etc.;
- **Skills**  
Pragmatic approach and creative in finding design solutions;  
Experience in using Autodesk Inventor/SolidWorks/SolidEd ge or alike;  
Some experience in design of machinery needed.

### AFTER SALES ENGINEER (BSC)

**EXAMPLE**

- **Tasks**  
Work in services field of machine and equipment building;  
Setup maintenance, training and inspection regimes;  
Setup recommended spares lists and related quotations;
- **Skills**  
Accurate and thorough in executing the work;  
Pragmatic approach;  
MS Office software skills.

## OUR COLLABORATIONS



## QUALIFICATIONS FOR ENROLMENT

The following qualifications must be met\*:

- Mastering the English language (level B2)
- Committed to work in the Netherlands for a minimum of 18 months
- In possession of an Engineering degree (find out which degrees support our trainee programs in section B, 'Engineering Degrees').
- In possession of a European Work permit or European passport
- Drivers licence

\* If you cannot meet all of these qualifications, please contact us to discuss your personal possibilities. No degree yet? No problem! Please contact us to discuss our internships.

## EXAMPLES OF ENGINEERING DEGREES

### BSc

Grado en Ingeniería Electrónica Industrial (GIEI)  
Grado en Ingeniería Mecánica (GIM)  
Grado en Ingeniería en Tecnologías Industriales (GITI)  
Grado en Ingeniería en Diseño Industrial y Desarrollo del Producto (GIDIP)  
Doble Grado en Ingeniería Mecánica e Ingeniería Eléctrica (GIM + GIE)  
Grado en Ingeniería Informática  
Grado en Ingeniería en Matemáticas aplicada al Análisis de Datos  
Doble Grado en Ingeniería Matemática Aplicada al Análisis de Datos +  
Grado en Ingeniería Informática  
Grado en Ingeniería en Sistemas Industriales. Menciones: Mecánica, Electrónica y Automática, Automoción, Robótica, Energía, Organización Industrial y Tecnologías Industriales  
Grado en Ingeniería Civil  
Grado en Ingeniería Informática

**EXAMPLE**

### MSc

Máster en Ingeniería Industrial (MII)  
Máster Universitario en Ingeniería de Fabricación  
Máster Universitario en Ingeniería Industrial  
Máster Universitario en Dirección y Gestión de Tecnologías de la Información online  
Máster Universitario en Energías Renovables  
Máster Universitario en Gestión Internacional de la Edificación y la Construcción – International Construction Management  
Máster Universitario en Ingeniería de Caminos, Canales y Puertos (Habilitante)  
Máster en Seguridad de Tecnologías de la Información y Comunicaciones  
Máster Universitario en Análisis de Grandes Cantidades de Datos - Big Data Analytics

**EXAMPLE**



## TOPSHORE EMPLOYERS

The logo for Eager.One features the word "EAGER" in a bold, black, sans-serif font, followed by ".ONE" in a green, sans-serif font. A thin green line underlines the "EAGER" portion.

Eager.One is active in the field of heavy mechanical engineering with specific know-how in the field of lifting and transport systems.



Royal IHC is a shipbuilder company that is over 400 years old. Today the company is a reliable supplier of innovative and efficient equipment, vessels and services for the offshore, dredging and wet mining markets.



Kenz-Figee is a service provider and manufacturer of offshore cranes and equipment for production platforms, drilling units, FPSO, support vessels, pipe laying vessels and jack-up vessels.



Selmers is an international supplier of plants and equipment for internal and external pipe coating, pipe cleaning, and pipe handling.



The Offshore Partners are a multi skilled service provider to the maritime and offshore industry around the world. Main activities are project management of newbuild and conversion projects of offshore installation vessels as well as related engineering project.

New employers are added regularly.

## RECRUITMENT PROCEDURE

We cordially invite you to upload your resume via our website application page. The first interview will take place via a conference call or skype. Our TopShore colleagues will travel regularly to Spain so preferable you will get a face to face interview as well.

Once we review your qualifications, and you agree to work with us, we will do our best to match you with the best company and position for you.

When and if you are hired, you will get a secondment contract with TopShore. After the first year, the employer is able to offer you a direct employment contract.

## TOPSHORE INGENIEROS SOCIETY

Once you start working with one of TopShore's connected companies you have access to our TopShore Ingenieros community of peers for any questions, advise or any professional needs. We will also organize meet-and-greets and learning events during your stay.

## TOPSHORE ACADEMY

During your time with us, we offer various courses to boost your education, develop other skills and increase your knowledge base. At the same time this is an opportunity to be around likeminded individuals.

Examples of courses:

- Dutch culture
- Introduction to the Dutch offshore and maritime industry
- Robotics within the offshore industry

## HOUSING

Together with our partner, a relocation company, we will make sure you will get an accommodation in the Netherlands. The process will start when you are still at home so you can get to know the Dutch housing market. If it's not possible to enter the accommodation directly, a short stay will be arranged for you.

## TRANSPORTATION

Your flight ticket will be covered by TopShore. We will also arrange a pick up at the airport to bring you to your accommodation.

## EXTRA

Once you are in the Netherlands, we will help you settle with:

- Arranging your registration in the municipality
- Getting your social security number
- Your application for health insurance
- Opening a Dutch bank account
- Registering with your general practitioner
- Translations to English <> Dutch and Dutch calls.
- Courses to get to know the Dutch culture and language

## JOIN US

Curious to find out more? Take a look at the current vacancies on [www.top-shore.com](http://www.top-shore.com) or get in touch with one of our consultants. They are happy to answer any question you might have.



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