College of Fisheries and Aquaculture Technology
Faculty Mission
The faculty seeks to prepare technical staff in all areas of fish resources (fisheries and aquaculture), qualified for the job market and able to compete in the labor market by distinct educational university programs. Working on inspiring the creative and innovative energies of the students in the framework of applied scientific research oriented to community service, using the latest advanced technology. The college offers a bachelor degree licensed by The Supreme Council of Egyptian Universities.

Duration of the Study
The program is scheduled to take place at Alexandria branch of the Academy for 4 years, divided into 8 basic semesters, in addition to elective annual summer semesters. The specialization starts in the third semester. Each semester is sixteen weeks; including registration, study and exams. While the duration of the summer semester is 8 weeks and its registration is applied as per AAST rules.

Core Purpose
The College aims at preparing cadres of qualified graduates that are capable of managing and developing the sector of fish resources in the Arab World through the following:

- Managing the natural fish resources and enhancing the fishery statistics.
- Assessing the status of fish stocks and creating new policies to sustainably develop the fisheries.
- Awareness of the organizing fisheries regulations and IMO laws.
- Designing and operating the modern fishing nets.
- The ability to command and maintain fishing vessels and deal with navigational equipment as well as the modern fishing devices.
- Designing and managing the different aquaculture systems of both marine and freshwater fish species.
- Qualifying students to work as fisheries observers on fishing vessels and ports as one of the programs of managing and organizing fisheries.
- Awareness of fish handling and processing techniques to be qualified enough for the global marketing.
- Enhancing education quality as well as effective research and outreach programs to support the scientific researches of fisheries and aquaculture sectors.
- Providing technical consultations and scientific support for fisheries and aquaculture sectors and carrying out feasibility studies for investment.
Academic Departments

A. Fisheries Technology Department

The department is a pioneer in teaching navigation and fishing gear design that qualifies the graduates to work on as officers in charge of watch-keeping, fisheries observers and fisheries managers in various fishing ports.

The program has been planned to satisfy the requirements of the international convention on standards of training, certification and watch keeping (STCW) for seafarers 1978 and its amendments on 1995 (STCW-F) and the international maritime organization (IMO) model courses. Also, students receive marine uniforms and it is possible to have sea training in regional and international waters.

The department is provided by:
- A modern fishery operation simulator for navigation and different operations of fishing vessels.
- A modern and unique laboratory of fishing nets, gears and methods.

B. Aquaculture Department

The department is approved to open by The Supreme Council of Egyptian Universities. A memorandum of understanding on academic co-operation has been signed with university of Bologna, Italy, for students training and staff development in the field. Also, different collaborations have been signed with food and agriculture organization (FAO) and General Authority for Fish resources Development (GAFRD). It is possible to train students at different types of fish farms and hatcheries.

The department is provided by:
- Aquatic laboratories specialized in nutrition, breeding and production experiments.
- Model farms with both freshwater and marine water.

The Collage is provided by:
- A research laboratory for biological and physiological science and for the related educational purposes as well as a computer laboratory.
Acceptance Conditions
The college accepts students with high school (science section) or any equivalent Arabic or international certificates under the condition of success in:
- Fisheries Technology Department: a medical examination, a personal interview and a test of English language proficiency.

Career Opportunities
The College qualifies graduates to work in:
- After activating the fisheries regulations concerning the fishing vessels over 24 meters, the graduates are qualified to work as officers in charge of the navigational watch on fishing vessels of 24 meters in length and over; operating in limited and unlimited waters (after the completion of the ministerial requirements for practicing the profession).
- Official and regional organizations related to the different fisheries and aquaculture managements.
- Arab and international organizations related to fisheries management and conservation.
- Educational and training institutions.
- Investing in aquaculture projects, such as fish farms and hatcheries.
- Governmental and private fish farms.
- Working as fisheries observers on fishing vessels and ports.
- The different areas of scientific research and the development of the industry of fisheries and aquaculture.

Training Courses
The College regularly organizes training courses on:
- Fishing gear technology.
- Fisheries management.
- Stock assessment.
- Fishing ports management.
- Fish farming.
- Fish breeding.
- Nutrition and Marine aquaculture.
All the training courses are taught by top specialists in these fields.

Language of study
English language.