



# The world needs engineers

As our world changes, we are facing challenges that only engineers can solve. The solutions to our most urgent problems will come from engineers, who will innovate, modernize and transform, creating breakthroughs in the fields that impact our everyday lives: water, energy, construction, medicine, transportation and IT.

If you are a problem-solver and an innovator, and want to be part of a profession that will make a real difference, then AUS is the best place to start.



“Meeting expectations and deadlines in such professional academic environment is what makes AUS different from other universities. In fact, AUS prepares students for a demanding career life, where time management is key.”  
Asiel Abedraboh '17

## A BREADTH OF CHOICE

With our comprehensive offering of undergraduate degrees, you can choose the engineering program that best meets your interests and talents.

### Undergraduate Programs

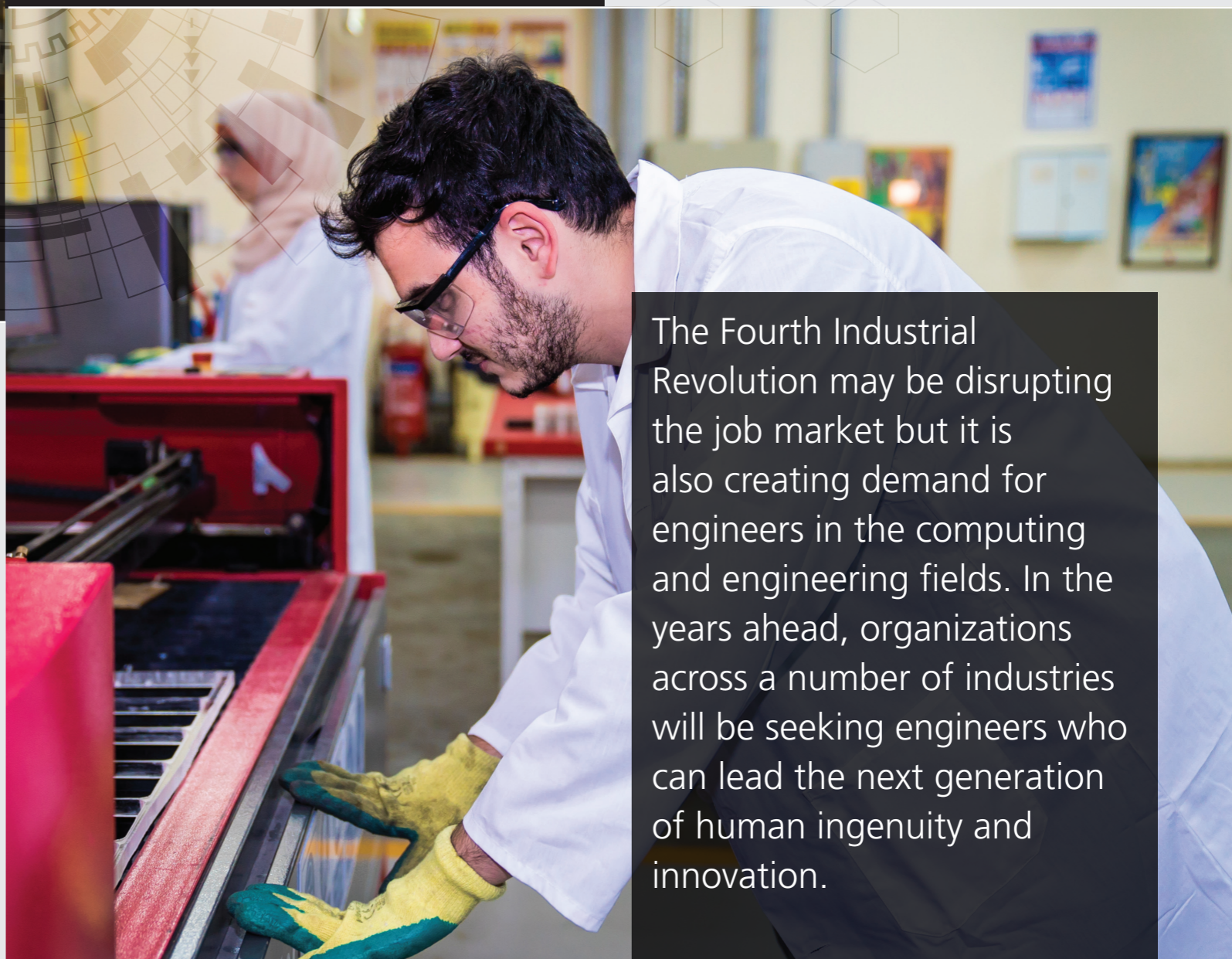
Bachelor of Science in Chemical Engineering  
Bachelor of Science in Civil Engineering  
Bachelor of Science in Computer Engineering  
Bachelor of Science in Computer Science  
Bachelor of Science in Electrical Engineering  
Bachelor of Science in Industrial Engineering  
Bachelor of Science in Mechanical Engineering

### Minors

Aerospace Engineering  
Biomedical Engineering  
Computer Engineering  
Computer Science  
Electrical Engineering  
Engineering Management  
Environmental and Water Engineering  
Mechanical Engineering  
Mechatronics Engineering  
Petroleum Engineering  
Renewable Energy  
Transportation Systems

“The quality of teaching at AUS is of a high standard, and the curriculum of the courses provided is very wide. AUS laboratories are equipped with high-quality devices that allow students to acquire excellent lab skills. AUS allows students to grow, and by the time they graduate they have had a variety of experiences. I will always be proud to have chosen AUS.”

Nour Khawatmi '17



The Fourth Industrial Revolution may be disrupting the job market but it is also creating demand for engineers in the computing and engineering fields. In the years ahead, organizations across a number of industries will be seeking engineers who can lead the next generation of human ingenuity and innovation.

The College of Engineering (CEN) is one of the region's most important producers of top engineering and computing talent, sought after by employers in the Middle East and around the world. Here is why:



#### FACULTY:

CEN faculty come from many of the leading engineering programs in North America, Europe and the Middle East, and are at the forefront of cutting-edge research and innovation.



#### FACILITIES:

CEN facilities are state-of-the-art, allowing students access to the latest designs and technology.



#### HANDS-ON LEARNING:

CEN focuses on giving learners the skills needed to thrive in the workplace, with practical, real-world experience.



#### CAMPUS LIFE:

CEN students are actively involved in the dozens of AUS clubs, sporting teams and cultural events.



#### DIVERSITY:

CEN students are from around the world, with women making up approximately 35 percent of our student community.

## A FOCUS ON EMPLOYABILITY

While academically robust and theoretically sound, our programs are also industry-oriented, ensuring our graduates are ready for the workforce. We have an impressive partner list with whom our students enjoy internships, job placements, and ultimately long careers, including:

ADCO  
Al Habtoor  
Engineering  
Beta Information  
Technology  
Celer Group  
Cisco

Dana Gas  
DEWA  
Dubai RTA  
Emerson  
Etisalat  
GE International

Henkel  
Hilti  
HP  
IBM  
Mohamed Bin Rashid  
Space Centre  
P&G

Petrofac  
SEWA  
Sharjah RTA  
Siemens  
Dubai Chamber of  
Commerce

“AUS taught me that success in life goes beyond getting an A in a course and extends to people skills, communication skills and attitude. AUS taught me not only to understand diversity but to also embrace it. Studying at AUS has been one of the most important decisions I have made, and its legacy will continue to impact my thinking.”

*Jafar Mohammad Shunnar '09*

“The high academic quality provided to me by the industrial engineering curriculum allowed me to develop an eye for detail and foster a mindset of continuous improvement. During my first internship at Aramex, one of the leading global providers of comprehensive logistics and transportation solutions, I successfully implemented my first Kaizen project on one of its inbound operations.”

*Farah Eid '16*

## WHY AUS?

AUS was founded on the grand ambition of His Highness Sheikh Dr. Sultan bin Muhammad Al Qasimi, UAE Supreme Council Member and Ruler of Sharjah, who wanted to make American-style university education available in the Gulf, allowing all members of society to achieve their potential through academic excellence. Today this mission is lived by the thousands of people who have completed undergraduate or graduate qualifications at AUS and gone on to make meaningful contributions to business, government and community, in both the Middle East and around the world.

If you want to take the next step towards an engineering degree at AUS, then we want to hear from you. You can talk to one of our advisors about what you are looking for.

Contact us today  
+971 6 515 2948  
deancen@aus.edu  
[www.aus.edu/cen](http://www.aus.edu/cen)