

ADPoly *focus*



Mohamed Almuhairi Welcomes Students

Dear AD Poly Students,

I welcome all students to the new academic year, and I wish you all the best while gaining the knowledge that your program requires. We, in the Student & Support Department, are your family and will support you in your university studies.

I recommend that you use the facilities at AD Poly as they have been put here to help you achieve higher marks in your classes. Ms. Reem, AD Poly's librarian, has ordered new books in an attempt to make the library a resource for students.

It is also very important for all of you to check your AD Poly email. It is your lifeline to AD Poly. You will receive alerts about activities on campus, days off, exam schedules, warnings, and more. One easy way to stay connected is to add your AD Poly email to your smart phone.

Again, the Student & Support Department is here to help you succeed to achieving your academic goals for you, your family, and your country.

Best regards,

Mohamed Almuhairi

Manager
Student & Support Services Department



Mohamed Almuhairi
Manager, Student & Support Services





Dr. Mufeed Batarseh
Head of Academic Support

A Welcome to New Students

to provide opportunities for development of basic analytical, communication, and technical skills.

The next few years will be full of new challenges that will shape your future academic career. I invite you to take this unique opportunity to start gaining knowledge and skills to help create your future career. Once again, I welcome you and wish you all success.

Regards,

Dr. Mufeed Batarseh
Head of Academic Support Department

Dear New Students,

It brings me great pleasure to welcome you to AD Poly's Academic Support Department (ASD) where you will spend most of the first year taking general requirement courses to gain basic scientific and technical knowledge and skills. The eventual goals of ASD are to improve students' abilities to integrate knowledge from different scientific, engineering, and humanities fields, and

Change in AD Poly's Student Body

The halls of AD Poly are filled with more female than male students this quarter. Why? Some male students cannot register for university until they finish their national military service. The government recently decided that all Emirati men (ages 18-30) must attend military training for nine months unless they qualify for an exemption. The UAE government wants its youth to be prepared in case of emergency. That means those who have recently graduated from high school will begin their training right away. There are some

male students who have not started their training yet because they received scholarships before this decision was made, they scored 90% or above in high school, or they had an exemption for other reasons. After our current students graduate from AD Poly, they will start their training. Even though we have had fewer male students the first quarter, we expect them to join AD Poly in May or August after completing their service to the UAE. And we will be proud to have them in our hallways.



New majors are now available for students, including Meteorology Science Technology (MST) and Autonomous Systems Engineering Technology (ASET).

10 ISET students were awarded the Certified Comptia Security+ Certification. Students are also preparing for the Ec-council Certified Ethical Hacker, Cisco Certifications and Oracle in the coming year.

AD Poly, University of Buffalo, and BITS Pilani will sponsor an international IST conference December 8-9th, 2014, titled "Secure Knowledge Management in Big Data Era."



Abdullah Al Shehi
AD Poly Alumnus - 2014

Interview with an AD Poly Graduate

Abdullah Al Shehi is a graduate from AD Poly, Al Ain branch and works at Al Etihad Airways as an aircraft engineer. He was an AHS student

"I was nominated by Emirates Skills to represent UAE in Switzerland as UAE Champion in the World Skills Championship forum 2014."

who had a passion for aircraft and everything related to the aviation field. Abdullah's passion for aviation is reflected in his many accomplishments, about which he says, "Thanks to God, I was ranked as the first [among] all participants from the UAE who won the gold metal in the Emirates Skills competitions in the aircraft maintenance category for 2012. I participated in World Skills Leipzig 2013, and I was also the first Emirati to participate in that category internationally." Not only has Abdullah been a fierce competitor, but he is also an expert judge in the Emirates Skills national competition. Appreciating both roles, Abdullah states, "In Emirates Skills 2014, I was an expert and I saw how the judges are doing hard work. Setting his sights on the future, Abdullah has been nominated by Emirates Skills to represent the UAE in Switzerland in the World Skills Champion Forum 2014, and he will participate in the training of competitors going to Sao Paolo 2015, where he'll also serve as a UAE expert.

Commenting on his beginnings at AD Poly, Abdullah said "My start was really great, and for sure in any start [there are] a lot of difficulties, but I did my best to overcome them." Abdullah encourages students to attend AD Poly because it provides them with sponsors and a bright future. He advises new students to, "Just keep your dream between your eyes and keep going; you will reach it one day."



International Chess Champion of AD Poly

Salma Al Dhefari, an advanced engineering technology student at AD Poly, recently won a silver medal in the Arab Chess Championship for those under 20 years old. It was held in Jordan from August 20th to 29th 2014. She also participated in the 41st World Chess Olympiad Chess in Norway from August 1st to 15th and she received the title WFM (Women Fide Master). On September 15, 2014, H.H. the Crown Prince of Abu Dhabi Sheikh Mohammad Bin Zayed Al Nahyan welcomed AD Poly's heroine back to the UAE.

Her other achievements include first place in the President's Cup Chess Championship for girls under 18 in the UAE (2013), third place in the Arabs Chess Championship for girls under 18 in Jordan (2013), and participation in the World Amateur Chess Championship in Singapore (2014).

Salma began playing chess at the Al Ain Chess Club five years ago. With lots of practice and hard work, she has become a master chess player. We wish her success in her future matches.

AD POLY PROGRAMS—ABU DHABI

ADVANCED ENERGY ENGINEERING TECHNOLOGY

AD Poly has established and implemented a program capable of qualifying national graduates to join the nuclear industry as skilled manpower. AD Poly is the only college in the UAE that integrates knowledge and practical skills through balanced delivery of academic material and on-the-job training by a nuclear industry training provider. This offers the students a solid career path towards gaining an accredited higher diploma in Advanced Energy Engineering Technology while receiving training leading to job qualification certificates in operational, mechanical, electrical, instrumentation and control, chemical, and radiation protection specializations. Due to the lack of nuclear power industry training facilities in the UAE, on the job training and workplace experience will often be conducted in other countries, such as South Korea.

The first batch of 17 students graduated from the program in July 2014.



AUTONOMOUS SYSTEMS ENGINEERING TECHNOLOGY

New!

The Autonomous Systems Engineering Technology (ASET) program aims to provide candidates with the knowledge, skills and competencies needed to operate and maintain Autonomous Systems. The program is structured to award qualified candidates with a Bachelor degree in three tracks:

- Remote Piloting
- Avionics and Telecommunication Engineering Maintenance
- Mechanical Engineering Maintenance

The program requires candidates to be comfortable utilizing complex science, physics, technology, engineering and mathematics principles. In addition, candidates must possess strong critical thinking and problem-solving skills. Graduates will be granted a full sponsorship and employment by the government of Abu Dhabi.



AD POLY PROGRAMS



ELECTROMECHANICAL ENGINEERING TECHNOLOGY

The Electromechanical Engineering Technology Program (EMET) provides students with the knowledge and the hands-on skills of integrated multi-disciplinary systems. EMET merges electronics, mechanical, control systems, computer intelligence and mechatronics principles and technologies needed to operate, manufacture, and maintain complex products and processes. The integration of these technologies allows students to develop the evaluative and know-how skills needed when working with modern technological products and processes.



EMET awards candidates an applied bachelor over four years and a higher diploma over three years with specializations in Mechatronics Engineering Technology, Mechanical Engineering Technology, Instruments and Control Systems Engineering Technology, and Electrical Engineering Technology. AD Poly also offers world-class industrial certification with international standards that helps them to compete for a solid career path.

INFORMATION SECURITY ENGINEERING TECHNOLOGY

To meet the growing demands for Emirati Information Technology (IT) professionals, AD Poly offers an applied bachelor and a higher diploma in Information Security Engineering Technology. It focuses on implementing and using state of the art techniques and methods to develop specialized security technologists for secure software development, systems/servers administration, as well as networks and cyber security technology.

The program integrates knowledge and practical skills through delivery of material at AD Poly and on-the-job training. AD Poly also hosts training academies for international IT companies and organizations, such as Oracle and Microsoft. These academies provide a platform for world-class certification required in the market. Moreover, this program guarantees prestigious jobs for graduates within governmental establishments and private organizations. AD Poly graduates may also pursue further studies, such as master degrees in local and international universities.



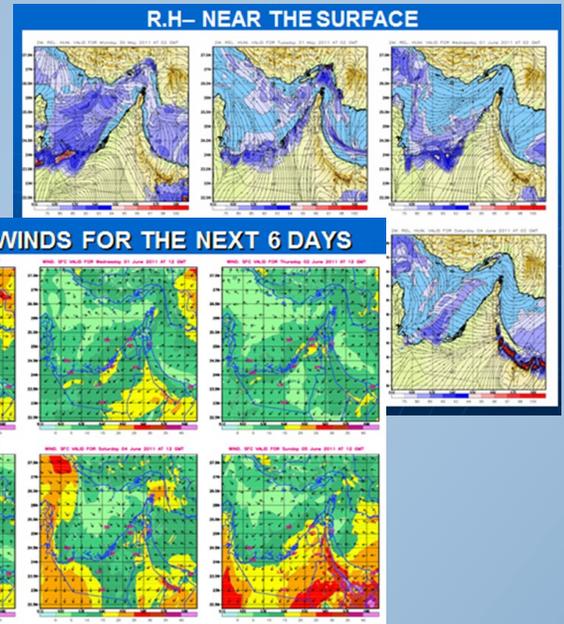
AD POLY PROGRAMS

METEOROLOGY SCIENCE TECHNOLOGY

New!

AD Poly and the National Center of Meteorology and Seismology (NCMS) have joined to create the educational infrastructure required to train those interested in the meteorological field.

AD Poly integrates knowledge and practical skills through classes on campus and on-the-job training. This offers candidates a solid career path towards gaining an accredited bachelor degree in Meteorology Science while receiving training for job qualification certificates in various meteorological fields, such as weather observation, weather forecasting, numerical weather analyses, climatology, weather modifications, agro-meteorology, marine meteorology, and atmospheric science. While studying at AD Poly, candidates practice their knowledge in weather stations, meteorological offices, the weather forecasting center, numerical weather analyses offices, weather modification projects, and other offices of NCMS. Graduates can also pursue higher atmospheric science studies.



PETROLEUM ENGINEERING TECHNOLOGY

Oil and gas industries are the backbone of the global energy industry, and the UAE is ranked amongst the world's major suppliers. Therefore, AD Poly has developed a state-of-the-art program in Petroleum Engineering Technology (PET) in cooperation with Abu Dhabi National Oil Company (ADNOC) and the International Oil and Gas Training Academies to qualify candidates for technical careers with major emphasis on the strength of the know-how and hands-on training skills in petroleum engineering.

The PET program not only integrates theoretical knowledge and on-campus practical training, but it also strengthens candidates' practical skills by implementing on-the-job training provided by ADNOC. It offers candidates an accredited advanced diploma or applied bachelor degree, plus securing international certification in different disciplines, including plant process operation, petroleum drilling, petroleum technology, and health, safety and environment.



AD POLY PROGRAMS—AL AIN

AIRCRAFT ENGINEERING TECHNOLOGY

This three year program leads to the completion of training requirements of a EASA CAT B1.1-Aeromechanical technologies or the EASA CAT B2-Avionics License program, plus the completion of academic requirements for a higher diploma in Aircraft Engineering Technology.

After completing the EASA CAT B program and two years of industrial experience, candidates will be eligible to apply for the Maintenance Certifying Technician License. This license is the key for work in civil aviation on commercial aircraft at any recognized or approved maintenance facility worldwide.

The higher diploma program has been approved by the Ministry of Higher Education and Scientific Research (MoHESR) since 2011.



AIRCRAFT MAINTENANCE TECHNOLOGY

This is a two to three-year program comprising an initial program of Aviation fundamentals, EASA Category 'A,' a higher academic program, upper level courses in Aviation Maintenance, plus practical training. Successful graduates may be awarded:

- GCAA/EASA Certificate for successful completion of EASA Category 'A' License
- CAT A: Line Maintenance Certifying Mechanic License after one year of maintenance experience and successful completion of CAT A exams
- Diploma in Aircraft Maintenance Technology accredited by the Ministry of Higher Education and Scientific Research (MOESR)
- Higher Diploma in Aircraft Maintenance accredited by the MOESR with completion of an additional one-year accelerated program of study
- Bachelor Degree in an appropriate aviation related subject
- CAT B1 or B2 after five years of maintenance experience and successful completion of all CAT B exams



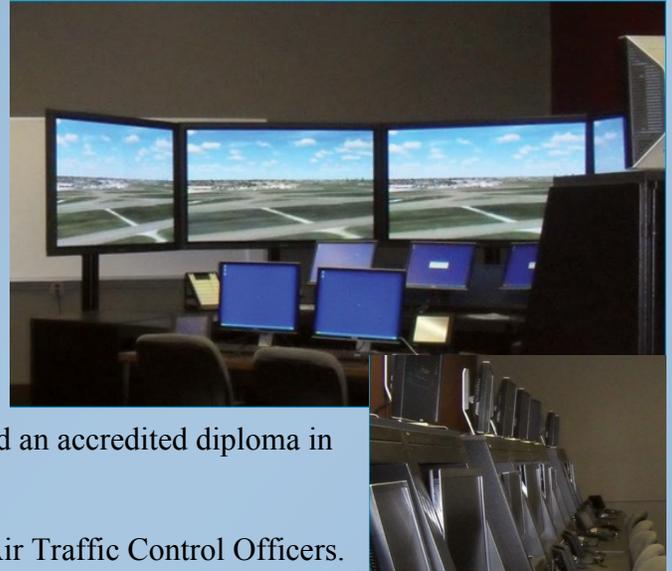
AD POLY PROGRAMS

AIR TRAFFIC MANAGEMENT

AD Poly has partnered with Global Aerospace Logistics to offer a two to three-year program of study that leads to qualifications in air traffic control. Candidates receive basic instruction followed by International Civil Aviation Organization and GCAA standard training leading to air traffic controller certification.

After their initial studies, successful candidates may earn Air Traffic Control Assistant certification and validation which permits the candidate to work. The candidates are then sent to an operational unit for on-the-job-training. Upon successful completion of the two-year program, candidate will be awarded an accredited diploma in Air traffic Management.

In a third year of study, candidates will be trained to become Air Traffic Control Officers. This training is a combination of classroom and simulator training, after which candidates receive on-the-job training at an operational unit. An accredited Higher Diploma in Air Traffic Management will be awarded upon successful completion of the program.



EVENT HIGHLIGHTS

NATIONAL DAY



November 25, 2014 —
AD Poly students and staff celebrated the 43rd National Day in style. They enjoyed a variety of events, including a performance by Emirati school children, a play by AD Poly students, a demonstration by the police department, and much more. It was a great way for all to show their love of the UAE.



EVENT HIGHLIGHTS



FLAG DAY



November 3, 2014 —

On November 3rd the UAE celebrated National Flag Day. Like others from around the Emirate, students, faculty, and staff from AD Poly, STS, and AHS gathered outside at noon to raise the flag and sing the national anthem. This day also marked the day President His Highness Shaikh Khalifa Bin Zayed Al Nahyan was declared president of the UAE. National pride was also raised along with our flag that day.



TRAINING FOR ABU DHABI SCIENCE FESTIVAL

November 2, 2014 —

Students from AD Poly participated in this year's 4th annual Abu Dhabi Science Festival along with many other Universities in Abu Dhabi. Our students were trained by skilled world class experts from the Edinburgh International Science Festival in preparation for the festival. The event was held at the Abu Dhabi Corniche East Plaza from November 13-22.



EVENT HIGHLIGHTS



ISET STUDENTS VISIT THE USA

October 19-29, 2014 —



Some ISET students recently visited the USA for interactive, hands-on skills building. They were given expert instruction by industry professionals, academics, and government leaders; listened to talks by policy and legal experts; and witnessed legislative hearings. Students had the opportunity to have discussions with representatives of the FBI cybersecurity team, the American Association for the Advancement of Science, the National Security Agency, the Department of Justice, and the Computer Crimes & Intellectual Property. They also visited many sites, including the National Cryptologic Museum (the only public museum for the intelligence community), US government hearings on Cyber Security, and more.

INJAZAT

September 23, 2014 —

Injazat Data Systems, an industry recognized market leader in the region for Information Technology, Data Center and Managed Services, has sponsored 20 ISET Students. A memorandum was recently signed between Injazat and AD Poly.



EVENT HIGHLIGHTS



SIEMENS

September 11, 2014 —

Siemens recently signed a Memorandum of Understanding with AD Poly to provide us with their advanced knowledge and expertise in the field of electrical engineering to enrich our students' studies in their specialized field of mechatronics. This is all in alignment with our Nation's Vision 2030. Currently 75 Students are undergoing this special training for this year. Ms. Alia Al-Rifai (CFO) and Mr. Syed Mohammed Aumir, general manager, attended the inaugural signing with our Dr. Abdullatif Al Shamsi, managing director of IAT, and Dr. Ahmad Alawar, director of AD Poly.



ACADEMIC DAY

September 2, 2014—

All new AD Poly students were invited to attend Academic Day. They were welcomed by messages of encouragement and inspiration by Dr. Abdullatif Al Shamsi, Managing Director of IAT, and Dr. Ahmad Alawar, Director of AD Poly. Students also learned about AD Poly rules and regulations from many AD Poly staff members, including Mr. Humaid, Senior Manager, Mohammad Almuhairi, Manager of Students Services, and others.



E-newsletter Committee's Message

The E-newsletter committee is always accepting contributions from AD Poly students, faculty, and staff. If you are interested in contributing in the future, please contact one of the staff committee members. We look forward to hearing from you!

Staff

Mr. Humaid Al Nuaimi, Committee Chairperson
Dr. Ali Al Khaldi
Mrs. Carol Williams
Mrs. Jennifer Benagoun

Students

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Mr. Khalifa Yousif Khalid Mubarak Alkathetri
Mr. Abdullah Ahmed Saeed Al Marshoodi

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