

Advertising feature



From the classroom ... into the real world



UniSIM's SST students can build a strong foundation with plenty of real-life, practical experiences.

ONE thing is for sure — with such a great number of further education options, it is important to choose wisely. After all, a quality education costs time and money.

SIM University's (UniSIM) School of Science and Technology (SST) focuses on creating industry-relevant programmes that leave students well-equipped for the rigours of the real world. The niche programmes offered by UniSIM's SST aim to fill the gaps not served by public universities, while serving industry needs. For example, the aerospace degree programmes were structured in collaboration with ST Aerospace, a global aviation service provider. Vice-president (human resource) Koh Chin Seng said: "UniSIM's SST concentrates its lecturing resources by attracting practitioners with seniority and exposure to the industry, who can bring real-life cases to relate to the students."

The result of this focus is an engineering graduate who is ready for anything. MAJ Aviation managing director Khoo Beng

“UniSIM's curriculum has the singular uniqueness of striking a balance between what is taught in the classroom versus what is going on in the industry.” (2012)

— KOH CHIN SENG, ST AEROSPACE

Keat said: "The programme is designed so students gain deeper knowledge in areas of aircraft design, aerodynamics and flight mechanics, as well as aerospace management subjects. This helps them build a stronger foundation as engineers who are 'ready' for the aviation industry."

MAJ Aviation is a local firm which has worked with UniSIM's SST on course design by providing industrial visits, conducting flight discovery programmes, as well as hosting a Piper aircraft simulator for labwork.

Samuel Ong, 25, is an assistant engi-

neer (systems management engineering) at MAJ Aviation. Currently enrolled in UniSIM's Bachelor of Engineering Aerospace Systems programme, he appreciates just how industry-relevant the courses are. "I am able to make use of the knowledge and experiences that I obtained through the programme and apply them at work," he said. "With the broad range of courses, I could identify my area of interest and will be able to better plan my career path. In fact, the formal training I have received so far from UniSIM has helped me to get the job I wanted."

WINNING GOLD

SIM University's (UniSIM) School of Science and Technology knows that a quality education is more than just coming to grips with the theory — students need a solid practical foundation as well. This was amply demonstrated at the recent Singapore Amazing Flying Machine Competition (SAFMC) held in March this year.

Organised by DSO National Laboratories and Science Centre Singapore, the SAFMC is one of Singapore's largest flying machine competitions and requires participating teams to build an unmanned aerial vehicle from scratch. UniSIM's Bachelor of Engineering in Aerospace Systems (BEHAS) students took Gold in the Theory of Flight Award (Cat D) and Silver in Best Video Award (Cat D) — all this, despite only having three months to prepare for the competition!

Team member Zhang Ruilong credits the BEHAS programme with their stunning win. Said Ruilong: "Building a flyer from scratch required strong fundamentals in the mechanics of flight, aerostuctures, electronics and servomechanics. The course curriculum offered by BEHAS has equipped us with these engineering fundamentals to take on the challenge."



From left: The winning UniSIM Flyer II team of Zhang Ruilong, Lim Kah Yong, Azli Erwin Bin Aziz, Ser Jie Hui, Khairul Rusydi Bin Khamaruddin and Melvinder Singh Wahla.

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