



Faculty of Engineering Open Day

Saturday, 20 April 2024 @ 08:00 – 15:00

Open Day Programme	Departmental Demonstrations
<ul style="list-style-type: none">• Parking and Starting Point: Follow the directions to Engineering Student Parking (in Hammanshand road) on Google maps. Visitors can follow the direction indicators to the Starting Point (the white marquee tent) to receive an information pack in the tent (c/o Banghoek and Joubert road).• General Information Sessions: General information sessions will be presented by the Vice-Deans in the General Engineering Building:<ul style="list-style-type: none">⇒ Afrikaans sessions @ 09:00 / 10:00 / 11:00⇒ English sessions @ 09:00 / 10:00 / 11:00⇒ Bilingual sessions (interpretation) @ 12:00 / 14:00• Departmental Tours and Demonstrations: Undergraduate engineering students (tour guides) will meet visitors at the gazebos, next to the marquee tent (c/o Banghoek and Joubert road) and accompany them on a tour to view the various departmental demonstrations. Tours depart continuously (every 10 to 15 minutes) – <i>the first tour departs at 08:15 and the last tour departs at 14:00.</i>• Minimum admission requirements for BEng:<ul style="list-style-type: none">⇒ Average percentage – at least 70%⇒ Mathematics – at least 70%⇒ Physical Sciences – at least 60%⇒ https://www.eng.sun.ac.za/open-day• Closing date for engineering applications: 31 July 2024• Application Procedure / Study Fees / Accommodation Fees / Bursaries / Winterweek: https://www.sun.ac.za/english/maties https://www.eng.sun.ac.za/company-bursaries https://www.eng.sun.ac.za/winterweek• Engineering Yearbook: http://www.sun.ac.za/english/faculty/Pages/Calendar.aspx• Engineering as a possible field of study: Contact Mr August Engelbrecht – engineer@sun.ac.za	<p>CHEMICAL (http://chemeng.sun.ac.za)</p> <ul style="list-style-type: none">• Urban mining for a circular economy• Creating value through purple bacteria• Sustainable green hydrogen production• Q&A Session <p>CIVIL (http://civeng.sun.ac.za)</p> <ul style="list-style-type: none">• How traffic engineers keep our cities moving• How pavement engineers determine the mechanical properties of soils• From data to disaster: understanding floods• Q&A Session <p>ELECTRICAL & ELECTRONIC (http://www.ee.sun.ac.za)</p> <ul style="list-style-type: none">• Digital Signals and Processing Lab• Media Lab• Robotics and Control Systems Lab• Q&A Session <p>INDUSTRIAL (http://www.ie.sun.ac.za)</p> <ul style="list-style-type: none">• Industrial engineers and the design and improvement of production systems• Travelling salesman problem• VR Learning Factory• Q&A Session <p>MECHANICAL & MECHATRONIC (http://mecheng.sun.ac.za)</p> <ul style="list-style-type: none">• Mechanical• Mechatronic• Thermo-fluids• Q&A Session