



**Oorweeg jy dit om ingenieurswese te studeer?**

**Ons kan jou help!**

Word vir 'n paar dae 'n NWU-student deur die Fakulteit Ingenieurswese se jaarlikse vakansieskool (Ingenieurskool) in óf Maart óf Junie by te woon. Hierdie vakansieskool, wat tydens die vakansietyd plaasvind, bied aan jou die geleentheid om alles uit te vind oor ingenieurswese en ook 'n bietjie van die NWU se unieke studentelewe te ervaar tydens 'n drie dae lange program. Pretprojekte, besoeke aan die industrie en 'n kampusverkenning sal jou help om meer te wete te kom oor ingenieurswese en die NWU se studentelewe.

Vir meer inligting oor die vakansieskole, besoek gerus die volgende webblad:

<http://engineering.nwu.ac.za/engineering/engineering-week>

**Are you considering studying engineering?**

**We can help you!**

Be an NWU student for a while at the Faculty of Engineering holiday school during March or June. This school, held during the holidays, will offer you the opportunity to learn more about Engineering and experience the unique student life of the NWU, in the course of a four-day, insightful program. Fun projects, visits to industry and campus tours will help you to learn more about Engineering and NWU student life.

For more information regarding the holiday schools please visit:

<http://engineering.nwu.ac.za/engineering/engineering-week>

**Hierdie is ons voorlopige program / This is our preliminary programme:**

**Ingenieurswese vakansieskool / Engineering Holiday School**

**Program / Programme**

	<b>Dag 1 / Day 1</b>	<b>Dag 2 / Day 2</b>	<b>Dag 3 / Day 3</b>	<b>Dag 4 / Day 4</b>
<b>Oggend / Morning</b>	12:00 – Ontvangs (uitstallings) / Reception (exhibitions)	Projeke /Projects	Nywerheidsbesoeke / Industry visits	Kampusverkenning / Campus exploration
<b>Middag / Afternoon</b>	14:00 -Projekte / Projects	Projekte / Projects	Projekte / Projects	Afsluiting / End of program
<b>Aand / Evening</b>	Aand gasspreker/ Evening guest speaker	Aand gasspreker / Evening guest speaker	Aand gasspreker / Evening guest speaker	

## INGENIEURSKOOL

Baie dankie dat jy dit oorweeg om ons Ingenieurskool by te woon. Jy het 'n goeie keuse gemaak en dit beloop om 'n positiewe en genotvolle leerervaring te wees.

Vind asseblief aangeheg 'n inskrywings- en vrywaringsvorm. Beide vorms moet ons so spoedig moontlik bereik. Nadat ons jou vorm ontvang het, sal jy kennis ontvang rondom betalingsbesonderhede. Stuur dan asseblief jou betalingsbewys ook aan ons om jou plek finaal te bespreek. Daar is 'n beperkte aantal plekke beskikbaar vir elke Ingenieurskool en die eerste inskrywings word eerste aanvaar.

### Aankoms en registrasie:

Aankomstyd en registrasiebesonderhede sal 'n week voor die vakansieskool bevestig word. Dit sal tentatief om 12:00 op die dag van aanvangs wees.

### Benodigdhede:

- Slot en sleutel vir verblyf
- Gemaklike klere
- Toe skoene vir aanlegbesoek
- Langbroek vir aanlegbesoek
- Haarrekkies om langer hare vas te bind tydens die aanlegbesoek
- Sakgeld vir versnaperinge

### Kostes:

- \* R 2750,00 (etes, verblyf en ekstra nag )
- \* R 2350,00 (etes en verblyf vir drie nagte verblyf)

**Verblyf:** Julle gaan tuis in die Dennepark studentekommune. Dit is fasiliteite van die NWU met dubbelkamers, ontwikkel vir kortkursusse op kampus. Dit is geleë te Molenstraat 96.

**Addisionele verblyf:** Verblyf onder toesig is vanaf 'n dag voor aanvangs van die skool beskikbaar by Dennepark teen R285,00 per persoon ekstra. Laat weet ons asseblief vooraf sou die leerder vroeër aanmeld.

**Leerders wat per bus arriveer:** Stel asseblief vir Angela Danster direk in kennis sou jy verlang om by 'n spesifieke busstasie opgelaaai te word.

**Vertrek:** Vrydag 29 Maart/28 Junie om 12:00

**Alkoholgebruik:** Alkoholgebruik by die Ingenieurskool word onder alle omstandighede verbied. Sou alkoholiëse en/of ander verbode middels in leerlinge se besit gevind word, sal hul summier geskors word van die Ingenieurskool en op hul eie onkoste huis toe gestuur word. Hierdie leerders sal dan ook nie verder kan aansoek doen om toelating tot Ingenieurswese by die Noordwes-Universiteit nie.

**Baadjie met kappie:** Daar sal handelsmerkbaadjies te koop wees. As jy belangstel, plaas jou bestelling twee weke voor die Ingenieurskool 'n aanvang neem. Kontak DP van der Merwe by 073 303 9584 vir meer inligting.

**Vir enige verdere navrae kan u ons gerus kontak.**

## ENGINEERING HOLIDAY SCHOOL

We appreciate it that you are considering attending our Engineering Holiday School. You have made an excellent choice, and we are sure that the Engineering Holiday School will be a fun-filled learning experience.

Attached please find the application and indemnity forms. Both forms must reach us as soon as possible. After we have received your application, you will receive notice of payment procedures. Please then forward us your proof of payment to finally secure your place. A limited number of places are available for each Engineering School, and they will be filled on a first-come-first-served basis.

### Arrival and registration

Time of arrival and registration details will be confirmed a week before the holiday school. A tentative time is 12:00 on Day1.

### Requirements:

- Lock and key for accommodation
- Comfortable clothing
- Closed shoes for industry visit
- Long trousers for industry visit
- Hairbands to tie up longer hair for the industry visit
- Pocket money for refreshments

### Costs:

- \* R 2750.00 (meals, accommodation and extra night's stay)
- \* R 2350.00 (meals and accommodation for three nights' stay)

**Accommodation:** You will stay at the Dennepark Student Commune. These university facilities have double rooms and are used for accommodation for short courses on campus. The facilities are situated at 96 Molen Street.

**Additional accommodation:** Supervised accommodation at Dennepark at an additional cost of R285.00 will be available a day prior to commencement of the school. Please let us know in advance, should you require extra accommodation.

**Arrivals per bus:** Please contact Angela Danster directly should you require us to collect a learner at a specific bus stop.

**Departure:** Friday 29 March/28 June at 12:00

**Alcohol use:** Any use of alcohol during this school is strictly prohibited. Should learners be caught under the influence of or in possession of alcohol or any other illegal substance, the learner will be dismissed from the school and sent home at his/her own cost. This learner will then also be unable to apply for Engineering Studies at the North-West University.

**Hoodies:** Branded jackets will be available for you to buy. If you are interested please place your order two weeks before the Engineering Holiday School. Contact DP Van der Merwe on 073 303 9584 for more information.

**For any further enquiries, feel free to contact us.**

**Angela Danster (018) 299 1985 –  
Administratiewe Bestuurder / Administrative  
Manager  
OR  
Keabetswe Matjie (018) 299 1665 -  
Marketing and Communications**

**INGENIEURSKOOL**

**ENGINEERING  
SCHOOL**

**AANSOEKVORM/ APPLICATION FORM:**

**26 – 29 MAART/MARCH**  
**25 – 28 JUNIE/JUNE**

  


Merk een van die opsies / Mark one of the options

(Let wel: Ons kan slegs leerders ouer as 16 jaar akkommodeer.)  
 (Please note: We can only accommodate learners 16 years and older.)

BESONDERHEDE VAN LEERDER / PARTICULARS OF LEARNER:					
Van / Surname:				Voorletters / Initials:	Manlik/Vroulik / Male/Female:
Noemnaam / First name:				Graad / Grade:	ID-nommer / ID number:
Posadres / Postal address:					
Poskode / Postal code:				Tel./Sel. / Tel./Cell:	
Taalvoorkeur / Language preference:	Afr.		Eng.		
OUER/VOOG / PARENT/GUARIAN:					
Naam en van / Name and surname:					
Telefoonnummer: (W) / Telephone number (W):				Selfoonnummer / Cellphone number:	
Faksnommer / Fax number:				E-posadres / E-mail address:	
BESONDERHEDE VAN SKOOL / PARTICULARS OF SCHOOL:					
Naam van skool / Name of school:				Telefoonnr. / Telephone no.	
E-posadres / E-mail address:				Posadres / Postal address:	
Wiskundepunte / Math marks:					
Gaan u kind die ingenieurstoets op 25 Maart of 24 Junie aflê? /	<b>JA / YES</b>			<b>NEE / NO</b>	

Will the learner take the Engineering test on 25 March or 24 June?				
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\* Vir meer besonderhede in verband met die ingenieurstoets, kontak asseblief vir mev. Sonette Becker: 018 299 1318 / [sonette.becker@nwu.ac.za](mailto:sonette.becker@nwu.ac.za) / For more information regarding the Engineering test, please contact Mrs. Sonette Becker: 018 299 1318 / [sonette.becker@nwu.ac.za](mailto:sonette.becker@nwu.ac.za)

**LOOPBAANKEUSE (nommer van 1 tot 4 in volgorde van voorkeur) (keuse 1 en 2 sal slegs aanvaar word indien jy slegs die opedag of slegs die Ingenieurskool bywoon) / CAREER CHOICE (number 1 to 4 in order of preference) (choice 1 and 2 will only be accepted if you are attending just the open day or just the Engineering week)**

Chemiese en Mineraalingenieurswese / Chemical and Minerals Engineering		Elektries, Elektroniese en Rekenaaringenieurswese / Electrical, Electronic and Computer Engineering/Electro Mechanical	
Bedryfsingenieurswese / Industrial Engineering		Meganiese en Kerningenieurswese / Mechanical and Nuclear Engineering	

<b>VOEDSELVOORKEURE (bv. halaal, vegetaries, diabeet) FOOD PREFERENCES (eg. halaal, vegetarian, diabetic)</b>	<b>ALLERGIEË/SIEKTETOESTANDE ALLERGIES/HEALTH CONDITIONS</b>

**AKKOMMODASIE / ACCOMMODATION**

**MERK ASSEBLIEF INDIEN DIE LEERDER 'N EKSTRA NAG IN DENNEPARK GAAN OORBLY\* PLEASE MARK IF THE LEARNER WILL BE STAYING AN EXTRA NIGHT AT DENNEPARK\***

**Merk asseblief die gepaste opsie: / Please mark the appropriate choice:**

<b>R2750,00</b>		<b>R2350,00</b>	
Dit sluit etes en verblyf in Dennepark. (*geen etes vir ekstra nag)		Dit sluit etes en verblyf in Dennepark studentekommune in vir die duur van die Ingenieurskool.	
This includes meals and extra night accommodation at Dennepark (*no meals for extra night)		This includes meals and accommodation at Dennepark student commune.	

**POS aansoeke en vrywaringsvorms aan:** Mev. Angie Danster, Fakulteit Ingenieurswese (Interne bussie 342), Noordwes-Universiteit (Potchefstroomkampus), Privaatsak X6001, Potchefstroom, 2520

**OF FAKS aansoeke en vrywaringsvorms na:** 086 521 2564

**NAVRAE** Tel.: (018) 299 1985 of e-pos: [Angie.Danster@nwu.ac.za](mailto:Angie.Danster@nwu.ac.za)

**POST applications and indemnity forms to:** Mrs. Angie Danster, Faculty of Engineering (Internal Box 342), North-West University (Potchefstroom Campus), Private Bag X6001, Potchefstroom, 2520

**OR FAX applications and indemnity forms to:** 086 521 2564

**ENQUIRIES:** Tel. (018) 299 1985 or e-mail [Angie.Danster@nwu.ac.za](mailto:Angie.Danster@nwu.ac.za)

**KANSELLASIES:** 'n R350 kansellasiefooi sal gehef word indien jy vier weke of minder voor die aanvang van die Ingenieurskool kanselleer. Die inskrywingsgeld is egter ten volle oordraagbaar na 'n ander aansoeker van dieselfde Ingenieurskool, wat beteken dat geen kansellasiefooi gehef sal word indien die kansellasie vroegtydig gemaak word nie.

**CANCELLATIONS:** A cancellation fee of R350 is payable for cancellation less than 4 weeks before the start of the event. The money already paid is however fully transferable to another applicant for the same Engineering School, which means that no cancellation fee is payable if the cancellation is done early enough.

**VRYWARINGSVORM**

1. Ek, die ondergetekende

\_\_\_\_\_  
(ouer/voog se volle name en van),

\_\_\_\_\_  
(identiteitsnommer)

\_\_\_\_\_

**INDEMNITY FORM**

1. I, the undersigned

\_\_\_\_\_  
(full names and surname of parent/guardian),

\_\_\_\_\_  
(ID number)

\_\_\_\_\_

\_\_\_\_\_

(adres)

bevestig hiermee dat my kind

\_\_\_\_\_

(leerder se volle name en van)

die Ingenieurskool (hierna genoem "die Program")  
georganiseer deur die Fakulteit Ingenieurswese van die  
Noordwes-Universiteit (hierna genoem "die NWU") sal  
bywoon in Potchefstroom vanaf

(datum) \_\_\_\_\_.

2. Ek bevestig verder dat:
  - 2.1 My/my kind se deelname aan die Program heeltemal vrywillig is en dat ek/my kind op geen wyse verplig of gedwing is om deel te neem nie;
  - 2.2 Ek/my kind bewus is van die aard en omvang van die Program en die gepaardgaande aktiwiteite daarvan, en dat ek/my kind vooraf die nodige navrae gedoen het;
  - 2.3 Ek/my kind bewus is van die risiko's en gevare daaraan verbonde om in die geval van 'n motorvoertuigongeluk 'n passasier of bestuurder van 'n motorvoertuig te wees, en in die besonder die risiko's daaraan verbonde wat persoonlike beserings, persoonlike en/of monetêre skade en fisiese en/of psigologiese trauma insluit.
3. Ek/my kind vrywaar hiermee die NWU en stel die NWU skadeloos teen enige eis hoegenaamd wat gedurende en/of as gevolg van my kind se deelname aan die Program kan ontstaan en wat ingestel kan word hetsy deur my of my natuurlike of wettige voogde, eksekuteur(s), administrateur(s), regsverkyrgendes of opvolgers in titel en/of enige ander derde partye bo en behalwe diegene waarna daar in hierdie akte van vrywaring verwys word, vir enige verlies of skade wat deur enige handeling(e) en/of versuim deur die NWU veroorsaak kan word, of deur enige van die werknemers, studente, vriende, gevolmagtigdes, genomineerdes, kontrakteurs, subkontrakteurs en/of persone wat namens of in opdrag van die NWU optree.
  - 3.1 Hierdie vrywaring is geldig en van krag vir die volle duur van die Program, met inbegrip van enige handeling(e) en/of wanprestasie en/of enige gedrag wat gedurende daardie tydperk kan voorkom, sowel as gedurende die tydperk van reis tussen Potchefstroom en die industrie wat besoek word, met inbegrip van, maar nie beperk nie,

\_\_\_\_\_

(address)

hereby confirm that my child

\_\_\_\_\_

(learner's full name and surname)

will attend the Engineering School (hereafter referred to as "the Programme"), as organised by the Faculty of Engineering of the North-West University (hereafter referred to as "the NWU", in Potchefstroom from

(date) \_\_\_\_\_.

2. I further confirm that:
  - 2.1 My/my child's participation in the Programme is voluntary and that neither myself nor my child were in any way forced or obligated to participate;
  - 2.2 I/my child is aware of the nature and extent of the Programme, and the associated activities thereof, and that I/my child made the necessary enquiries ahead of time;
  - 2.3 I/my child is aware of the risks and dangers associated with being a passenger or driver of a motor vehicle in case of a vehicle accident, particularly the risks involved, including personal injuries, personal and/or monetary damage and physical and/or psychological trauma.
3. I/my child hereby indemnify the NWU against any claim whatsoever, which may arise during and/or as a result of my child's participation in the Programme and which may be made by either myself, the parent, or my child's natural or legal guardian, executor(s), administrator(s), heirs or successors in title and/or any other third party other than those referred to in this indemnification, for any loss or damage that may or could be caused by any act(s) and/or oversight by the NWU, or by any of the employees, students, friends, proxies, nominees, contractors, subcontractors and/or persons acting on behalf of or on instruction of the NWU.
  - 3.1 This indemnification remains valid and in force for the full duration of the Programme, including any action(s) and/or non-performance and/or any behaviour that may occur during this period, as well as during the time of travel between Potchefstroom and the industries visited, inclusive of, but not limited to any other transport to and from the terrain of the Programme, and any action(s)

<p>tot enige ander vervoer na en vanaf die terrein van die Program, en enige handeling(e) en/of wanprestasie en/of enige gedrag wat gedurende sodanige vervoer kan voorkom of wat op sodanige vervoer betrekking kan hê.</p> <p>4. Ek vrywaar die NWU en/of die werknemers teen enige eis(e) wat gedurende en/of uit hierdie Program kan ontstaan as gevolg van my/my kind se handeling(e) en/of enige van my direkteure, lede, werknemers, vriende, gevolmagtigdes, genomineerdes, aangestelde ooreenkomssluiters en sub-ooreenkomssluiters, trustees, aandeelhouers en/of enige ander persone wat namens of volgens my opdragte optree.</p> <p>5. Die NWU en/of sy werknemers is onder geen omstandighede aanspreeklik vir enige regstreekse en/of onregstreekse skade nie, wat enige verlies aan produktiwiteit, verlies aan inkomste, skade of onkoste van enige aard ook al kan insluit, maar nie daartoe beperk is nie, wat ek, my afhanklike(s), eksekuteurs, administrateurs en/of begunstigdes of enige persoon wat namens my optree as gevolg van enige handeling en/of versuim en/of wanvoorstelling deur die NWU en/of die werknemers of amptenare daarvan kan ly.</p> <p>6. Ek bevestig dat die gebruik van vervoer vrywillig is en dat ek al die risiko's waarteen ek die bestuurders, sowel as die NWU vrywaar, onvoorwaardelik en sonder enige voorbehoude aanvaar.</p> <p>7. Hierdie voorbehoud is bindend op my/my afhanklikes, eksekuteurs, begunstigdes en/of enige persoon wat namens of in opdrag van my optree.</p> <p>8. Ek verleen toestemming dat mediese behandeling, indien nodig, aan my kind verleen mag word en ek aanvaar aanspreeklikheid vir verbandhoudende kostes, wat op versoek betaalbaar is.</p> <p>My kind ly aan die volgende siektes/allergieë wat aan 'n dokter bekend gemaak moet word:</p> <p>_____</p> <p>_____</p> <p>Naam van mediese fonds:</p> <p>_____</p>	<p>and/or any non-performance and/or any behaviour that may occur during such transport or pertaining to such transport.</p> <p>4. I indemnify the NWU and/or the employees against any claims originating during and/or from this Programme, as a result of my/my child's actions and/or any of my directors, members, employees, friends, proxies, nominees, those appointed to conclude agreements and their sub-agents, trustees, shareholders and/or any other persons who act on my behalf or on my instructions.</p> <p>5. The NWU and/or its employees will under no circumstances be held accountable for any direct or indirect damage, including but not limited to loss of productivity, loss of income, damage or costs of any nature, which I, my dependant(s), executors, administrators and/or beneficiaries or any person acting on my behalf, may suffer as a result of any action(s) and/or neglect and/or misrepresentation by the NWU and/or its employees or officials.</p> <p>6. I confirm that use of transport is voluntary and that I accept unconditionally and without reservation, all risks against which I indemnify the drivers, as well as the NWU.</p> <p>7. This reservation is binding on me/my dependants, executors, beneficiaries and/or any person acting on my behalf or upon my instructions</p> <p>8. I grant my permission for any medical treatment, if necessary, which my child may need and accept responsibility for resulting and associated costs, payable on request.</p> <p>My child is prone to the following allergies, or suffers from the following medical conditions, which must be made known to a doctor:</p> <p>_____</p> <p>_____</p> <p>Name of medical aid:</p> <p>_____</p> <p>Membership number:</p>
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Lidmaatskapnommer:

\_\_\_\_\_

Hooflid se volle name en van:

\_\_\_\_\_

Geteken te \_\_\_\_\_ op hierdie \_\_\_\_\_  
dag van \_\_\_\_\_ 20 \_\_\_\_\_.

\_\_\_\_\_

Handtekening van leerder

\_\_\_\_\_

Leerder se naam en van in blokletters

\_\_\_\_\_

Handtekening van ouer/wettige voog

\_\_\_\_\_

\_\_\_\_\_

Ouer/wettige voog se naam en van in blokletters

\_\_\_\_\_

Getuies:

1. \_\_\_\_\_

2. \_\_\_\_\_

\_\_\_\_\_

Principal member's full name and surname:

\_\_\_\_\_

Signed at \_\_\_\_\_ on this \_\_\_\_\_ day of  
\_\_\_\_\_ 20 \_\_\_\_\_.

\_\_\_\_\_

Signature of learner

\_\_\_\_\_

Learner's name and surname in block letters

\_\_\_\_\_

Signature of parent/legal guardian

\_\_\_\_\_

\_\_\_\_\_

Parent/legal guardian's name and surname in block letters

\_\_\_\_\_

Witnesses:

1. \_\_\_\_\_

2. \_\_\_\_\_