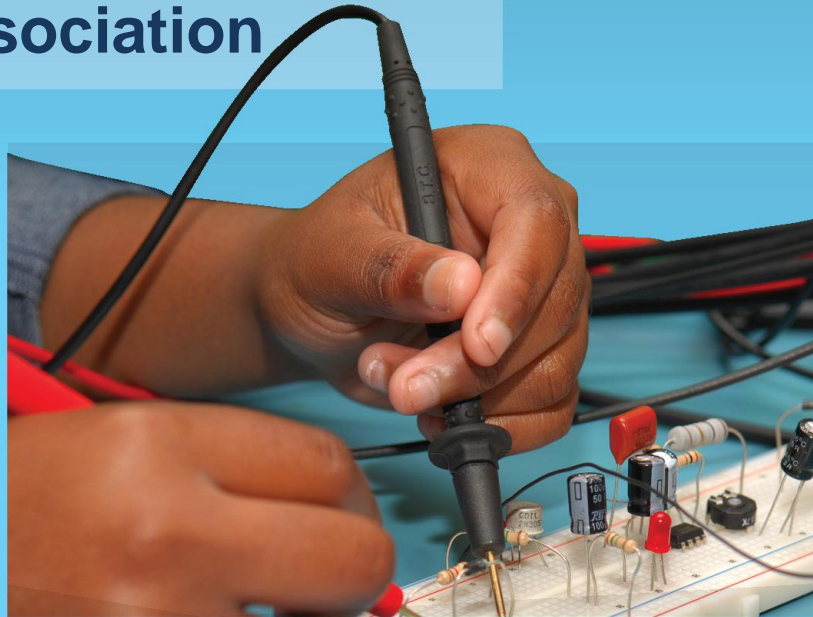


Faculty of Engineering, the
Built Environment and Information Technology
Technology for tomorrow



wela

**Women in Engineering
Leadership Association**



wela

women in engineering leadership association

Introduction

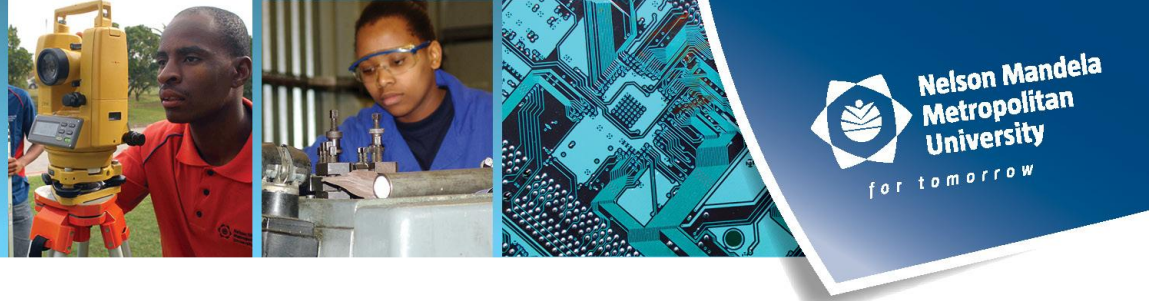


Wela was created with the sole purpose of showing women that Engineering is not just a male dominated field but that women can also excel in it. Wela is multi cultural and diverse group that consist of girls, students, working and aspiring engineers.

Women that ascribe to join the program want to make a difference in their community and this can be done through the drive that all of these individual ladies have to succeed and conquer the Engineering Field.

The program is structured in such a way that it develops each of the wela-ladies on an Academic, Personal and Professional level. During the course of the year we make it our aim to assist and guide the wela-students through their studies. This is done through various workshops, self defense classes, self development programmes and discussions.

Logo

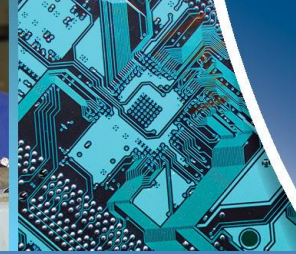


The logo radiates the association's initiative to change the engineering sector and establish a support structure for women in engineering. A metamorphosis from mechanical to organic shapes. The mechanical shape symbolises engineering, while the organic flower-like shape represents femininity. The logo symbolises the evolution of younger women, moulded by their mentors to grow into successful engineers. It also represents the evolution of an idea from the initial concept stages to the actual realization of an engineering project. The logo radiates the association's initiative to change the engineering sector and establish a support structure for women in engineering.

Wela is the Xhosa word for Change/transition.

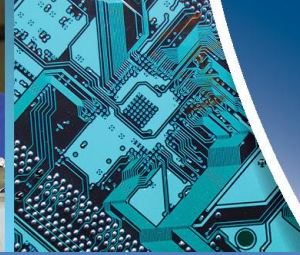


2013 Program FIRST YEAR

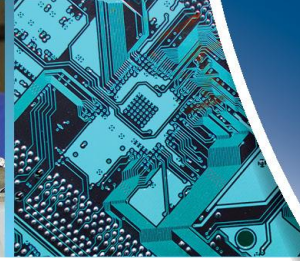


ACTIVITIES	TYPE	DATE	TIME
Launch	Seminar	1 March 2013	Friday 13:00 – 15:00
Wela presentation SCCDC presentation Intern Office pres (exchange prog)			
Portfolio building	Workshop	9 March 2013	Saturday 09:00 - 11:00
Team building	Workshop	9 March 2013	Saturday 12:00 – 14:00
Wellness	Workshop	12 April 2013	Friday 12:30 – 14:30
Strengths assessment	Workshop	12 April 2013	Friday 12:30 – 14:30
Wellness feedback	Workshop	16 April 2013	Tuesday 12:05 – 13:05
True colours	Workshop	26 April 2013	Friday 12:30 – 14:30
Assertiveness	Workshop	3 May 2013	Friday 12:30 – 14:30
Conflict management	Workshop	3 May 2013	Friday 12:30 – 14:30pm
7 Chata Romano	Workshop	23 August 2013	Friday 12:30 – 14:30
Choices workshop	Workshop	7 September 2013	Saturday 09:00 - 16:00
Portfolio recap	Lunch meeting	11 September 2013	Wednesday 12:00 - 13:00
Panel discussion Global eng.	Seminar	10 May 2013	Friday 12:30 – 14:30
Getting ready for exams	Lunch meeting	22 May 2013	Wednesday 12:00 – 13:00
Etiquette and netiquette	Seminar & lunch	4 October 2013	Friday 13:00 – 15:00
Personal grooming	Seminar	2 August 2013	Friday 12:30 – 13:30
Self-defence	Seminar	2 August 2013	Friday 13:30 - 15:30
Networking	on-going	On - going	
Technical project	ENG PRAC	March - October 2013	
Factory visits	ENG PRAC	March – October 2013	
Corporate Iron man		April 2013	
Inspirational students publication		November 2013	
Exam survival packs		May & November 2013	

2013 Program SENIORS



ACTIVITIES	TYPE	DATE	TIME
Launch	Seminar	1 March 2013	Friday 13:00-15:00
Panel discussion Global eng	Seminar	10 May 2013	Friday 12:30 – 14:30
Getting ready for exams	Lunch meeting	22 May 2013	Wednesday 12:00-13:00
Etiquette and netiquette	Seminar & lunch	4 October 2013	Friday 13:00-15:00
Personal grooming	Seminar	2 August 2013	Friday 12:30 – 13:30
Self-defence	Seminar	2 August 2013	Friday 13:30-15:30
Technical project	ENG PRAC	March-October 2013	
Factory visits	ENG PRAC	March – October 2013	
Mentorship	Workshop	16 March 2013	Saturday 09:00-14:00
Leadership practice	Short course	12 October 2013	Saturday 09:00 -15:00
Presentation skills	Workshop	17 May 2013	Friday 12:30-16:30
Job interviews		24 May 2013	Friday 12:30-16:30
Project management (8 pt sessions or 3 full days)	Short course	13, 20, 27 March 3,10,17,24 April 8,15, 22 May or 10/11/12 June	Wednesday 17:30 - 20:30 Monday -Wednesday 09:00-16:00
Self-leadership (2 days)	Short course	26-27 September 2013	Thurs-Fri 09:00-16:00
Introduction to Lean (1 day)	Short course	25 June or 25 September or 1 November 2013	09:00-16:00
7 Choices (1 day)	Workshop	19 April 2013 or 18 October 2013	Saturday 09:00-16:00
Corporate Iron man		April 2013	
Inspirational women		November 2013	
Exam survival packs		May & November 2013	



Working wela's Short courses offered:

7 Choices for successful women

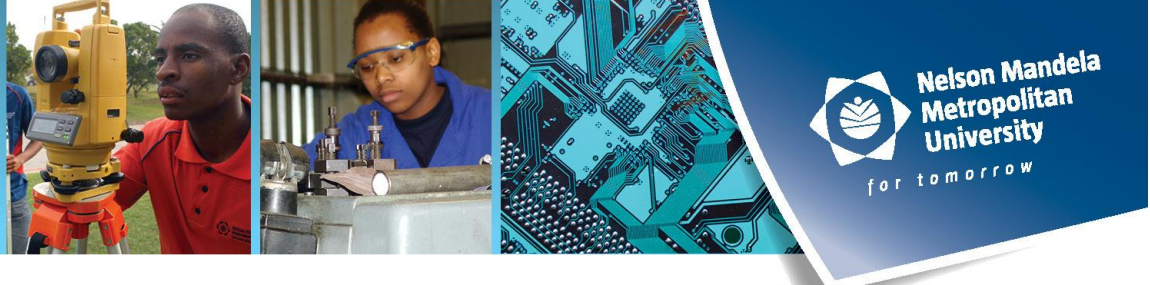


Project Management



Intro to Lean

Work and Play



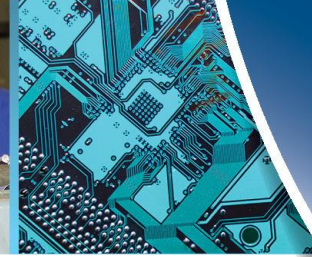
- Vodacom Corporate Triathlon



- Merit Awards (best performers per Engineering discipline)



Acknowledging 2011 achievements



wela



Top academic performer 2011:
Princess Kilani (Mech Eng),
Keri Plumstead (Mechatronics)
& **Sinazo Nwabisa Nkohla** (Civil Eng)

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Inspirational written pieces 2011:
Sive Giyose & Khodani Ramathivha

wela



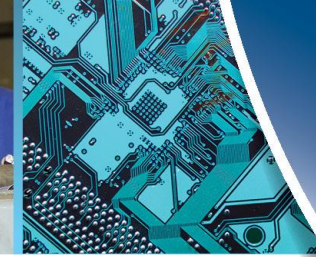
Top overall academic performer 2011:
Anelisiwe Ntandane
(Indus Eng)

wela



100% Attendance commitment 2011:
Thandile Ndevu, Keri Plumstead,
Claudia Powell & Anelisiwe Ntandane

SAWomEng



The 7th Annual SAWomEng Conference, will be held in Cape Town, 8-13 July 2012.

Two of the wela second year girls were selected to attend.

Princess Kilani

and

Claudia Powell




SAWomEng
South African Women in Engineering



www.sawomeng.org.za | PBO #: 930032883 | NPO #: 075-661-NPO | 15 Main Road, Rondebosch, South Africa, 7700


motivate, empower & celebrate women in engineering

Marketing Material

Nelson Mandela Metropolitan University
for tomorrow

wela
Women in Engineering Leadership Association



workshops leadership training inspiring mentorship encouraging promoting and developing women

Supported by MERSETA

www.nmmu.ac.za

Feedback

Mamokiso Masameane - Civil Engineering student
wela has been an awesome stepping stone for me. Through wela I learnt about Sponsorship and I had the opportunity to go to Cape Town as one of the selected delegates. Here I met phenomenal women in the Engineering industry who helped in changing my views and plans for the future. If I wasn't for wela I would not have known of a brighter future.

Priscilla Wells - Purchasing Manager Federal Mogul
This association is very encouraging and inspiring.

Sephele Dlamini - Mechanical Engineering student
wela has made me realize that we do women have to be leaders of today and tomorrow. We have to care for other people while at the same time changing the world by believing in ourselves. We can do anything and have to make good choices. Success will be the reward.

Thandile Ndlovu - Intern of Ntshali
I am not yet born. O God me with strength against those who would freeze my humanity, would drag me into a leather automaton, would make me a cog in a machine, a thing with one face, a thing, and against all those who would dissolve my identity, would show me like hollowed leather and fluffier or fluffier and fluffier like water held in its hands would spill me. Let there not make me a stone and let there not spill me. Otherwise I'll die.

I chose this place because it symbolizes the team that I have daily. Do I follow what is the norm in society or do I follow my calling? I both down to choices. We all make choices from the moment we are born in this world. To live, to learn, to teach, to assist and surely there are many more choices.

Recently wela hosted 'The 7 choices of successful women' and with all that was said that day the word choice rang in my mind. I chose engineering because I followed my calling. I chose to join wela because I followed my calling. I chose to attend that workshop because I believe in women in engineering. Here's the choice I want for change/transition.



For more information on wela or any of the engineering disciplines within the School of Engineering, please contact:

Nicole Truter - Project Coordinator
School of Engineering, NMMU North Campus
Tel: +27 (0)41 504 3137 • Fax: +27 (0)41 504 9137

wela is proudly supported by



inspirational women

The wela logo is a metaphorical link between the technical and organic. The technician shows scientific engineering, while the organic, however, shows human elements. The logo represents the evolution of all things from the most common matter to the most refined of an engineering project. The logo catches the attention of the engineering sector and provides a support structure for women in engineering. Here's the choice I want for change/transition.

encouraging and inspiring



The women in engineering leadership association (wela) is one of five projects initiated and managed by the MERSETA Chair in Engineering Development.

MERSETA together with Nelson Mandela Metropolitan University initiated the wela programme with the aim of empowering young female engineering students at the institution. The club has recognized the importance of promoting and developing women into the emerging field and to meet it as a desirable career option.

It is the intention of wela to focus on academic, professional and personal development of women in engineering and be of service to the community.

VISION
To be recognized as the first choice University for supporting Women in Engineering.

MISSION
To offer a diverse range of support and developmental services to Women in the field of Engineering.

GOALS

- Establish Engineering as a desirable career option for girls and Women.
- Develop retention and growth strategies for Women already studying in the field of Engineering.
- Mentor, assist and advance Women already in the field of Engineering.
- Focus on academic, professional and personal development and be of service to the community.

2012 wela activities

Bronze passport members

- Launch
- Student counselling developmental workshops
 - Trust, courage
 - Strength and weaknesses
 - Aspirations
 - Portfolio development
- Chela Ramona workshop
- 7 Choices workshop

Silver passport members

- Portfolio presentation (year giving)
- Mentorship
- Leadership
- Technical project
- Lean workshop
- Project management


Formal planned activities for all wela participants

- Self defense
- Panel discussion
- Personal care

Working wela's


- 7 Choices for successful women
- Being a woman in the workplace
- Dialogue with your praise
- Project Management
- Lean Workshop

Bursaries are also made available to wela students.



Nelson Mandela Metropolitan University
for tomorrow

wela
Women in Engineering Leadership Association



Empowering young female engineering students at NMMU.

wela wants to help you...

- develop and grow as a woman in engineering
- personally develop in your career
- serve the community
- understand the importance of women in engineering

Supported by MERSETA

Contact Nicole Truter - Project Coordinator
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Publications



- Inspirational Women in the Eastern Cape booklet (working wela women)

Showcases ten women in various engineering related fields



- Inspirational Engineering Students booklet (senior wela girls)

Showcases ten senior wela students



Merseta



 Nelson Mandela
Metropolitan
University
for tomorrow

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merSETA

MANUFACTURING, ENGINEERING
AND RELATED SERVICES SETA

Conclusion



Some quotes from students and industry who are involved in wela:

- *'wela has allowed me to discover my voice'*
- *'wela has been an awesome stepping stone for me'*
- *'I met phenomenal women in the Engineering Industry who have helped in changing my views and plans for the future'*
- *'We can do anything and have to make good choices, success is the reward'*
- *'This association is very encouraging and inspiring'*

