



**OFFICE OF THE DIRECTOR: PROVINCIAL TEACHER DEVELOPMENT INSTITUTE (QUEENSTOWN & COFIMVABA)**  
1 WATERBOK STREET, QUEENSTOWN 5320, REPUBLIC OF SOUTH AFRICA, Website: [www.ecdoe.gov.za](http://www.ecdoe.gov.za)  
Tel: +27 (0)45 - 8570077 \* Fax: +27(0)44 8570038 \* Mobile: +27 (0)60 530 0660  
Enquiries: Mr. P.P. Mashalaba Email: [pumzile.mashalaba@ecdoe.gov.za](mailto:pumzile.mashalaba@ecdoe.gov.za)

## MEMO

**TO :** CLUSTER CHIEF DIRECTORS  
DISTRICT DIRECTORS  
CMC MANAGERS & CES CURRICULUM  
MST DCES's & SES's  
SCHOOL PRINCIPALS  
PHYSICAL SCIENCES TEACHERS

**FROM :** CHIEF DIRECTOR - TEACHER DEVELOPMENT AND LEARNING INSTITUTES

**DATE :** 16 FEBRUARY 2022

**SUBJECT :** REQUEST FOR TEACHERS AND SUBJECT ADVISORS TO JOIN THE SOUTH AFRICAN INSTITUTE OF PHYSICS (SAIP) IN PARTNERSHIP WITH THE CENTRAL UNIVERSITY OF TECHNOLOGY, FREE STATE (CUT) ON-LINE PHYSICAL SCIENCES TEACHER DEVELOPMENT TRAINING.

1. This memo serves to inform district management teams, Physical Sciences subject advisors, School principals and Physical Sciences teachers of grade 10 - 12 about the South African Institute of Physics (SAIP) in partnership with the Central University of Technology, Free State (CUT) Physical Sciences training workshops.
2. The PTDI's/ centres and the EC department of education invite all Physical Sciences teachers to attend a series of teacher development workshops / training sessions in Physical Sciences that have been organised to take place via Zoom (see topics & dates below).
3. The workshops aim to address the skills gap identified in the Matric Diagnostics Report and general misconceptions before educators teach these topics in their schools.
4. These workshops are open to all interested secondary teachers and subject advisors.
5. Teachers who are interested to attend the sessions are requested to complete and submit their details by clicking on the following link:  
[https://docs.google.com/forms/d/e/1FAIpQLSfmJ7pi\\_a7ukuS1KgZXRJPJnq25WbkHLHu23hLz-aiKE2boUQ/viewform?usp=sf\\_link](https://docs.google.com/forms/d/e/1FAIpQLSfmJ7pi_a7ukuS1KgZXRJPJnq25WbkHLHu23hLz-aiKE2boUQ/viewform?usp=sf_link)
6. All trainings are registered with SACE.
7. Teachers who attend the full Saturday Sessions and complete the pre and post evaluation surveys will receive 15 Continuing Professional Development (CPD) points as well as a certificate of attendance and,
8. Teachers who attend the full Holiday Session and complete the pre and post evaluation surveys will receive 15 Continuing Professional Development (CPD) points as well as a certificate of attendance.
9. The completion of the evaluation surveys is compulsory for receiving a certificate of attendance.



To join the sessions, please follow the links indicated on the table below:

Date	Zoom Meeting link
12 Feb - 12 March 2022	<a href="https://us06web.zoom.us/j/89953245087?pwd=TkJMaUQvMFJFa0MwbG9IRHoxVmxdz09">https://us06web.zoom.us/j/89953245087?pwd=TkJMaUQvMFJFa0MwbG9IRHoxVmxdz09</a>
22 - 25 March 2022	<a href="https://us06web.zoom.us/j/89787425986?pwd=eTByeiBtN3pCeXRzTGFCY1JvcytRdz09">https://us06web.zoom.us/j/89787425986?pwd=eTByeiBtN3pCeXRzTGFCY1JvcytRdz09</a>

10. The links to complete the pre and post evaluation will be shared with teachers who register for the training.

11. The training schedule for these trainings is as follows:

Date	Time	Topic
<b>Saturday sessions (online)</b>		
12 February	08:00 – 11:00	Physics: Momentum and impulse
26 February	08:00 – 11:00	Physics 1: Vertical projectile motion
05 March	08:00 – 11:00	Chemistry: Chemical reactions of organic compounds
12 March	08:00 – 11:00	Chemistry: Nomenclature and some physical properties of organic compounds
<b>Holiday sessions (Online)</b>		
22 March	08:30 – 11:30	Paper 1: Work, energy and power
	12:00 – 15:00	Chemistry: Rates of reactions
23 March	08:30 – 11:30	Chemistry: Chemical equilibria
	12:00 – 15:00	Paper 1: Doppler effect
24 March	08:30 – 11:30	Paper 1: PHET simulations
	12:00 – 15:00	Chemistry: Acids and bases
25 March	08:30 – 11:30	Chemistry: Acid – base titration experiment (planning, preparation, and set-up)

12. Thanking you in advance for making these training a success and for any questions do not hesitate to contact [pumzile.mashalaba@edoe.gov.za](mailto:pumzile.mashalaba@edoe.gov.za) or Tel: 060 530 0660.

Yours in Education

**MR M. A. JACK**  
CHIEF DIRECTOR: TDLI

16/02/2022  
DATE