



## COLLEGE PRODUCES FIRST INNOVATIVE YOUNG MAN, WHO CREATED HIS OWN PHONE "IPRINO"

### THE JOURNEY OF PRINCE SEBETHA WITH EKURHULENI EAST TVET COLLEGE

Prince Sebetha, a very passionate and innovative young man originally from Moroke village in Limpopo Province. Driven by passion he enrolled for Engineering & Related Design (Fitting & Turning) trade at Ekurhuleni East TVET College Daveyton Campus in 2016, during his last academic year he then became a member of the student's representative council (SRC) of the college.

In 2019 he was one of those who were placed by Ekurhuleni East TVET College for a Mechatronics engineering internship at Luzhou Vocational and Technical College in China which is partnered with Chiteng Technology.



"Mechatronics is a multidisciplinary branch of engineering that focuses on the engineering of both electrical and mechanical systems and also includes combination of robotics, electronics, computer, telecommunications, systems control and product engineering. As technology advances over time various fields of engineering have succeeded in both adapting and multiplying the intention of mechatronics is to produce a design solution that covers all the engineering fields.

By the moving of time with the knowledge I got so far from the mechatronics I designed a cell phone demo which is named IPRINO, as the technology is growing too fast and we are heading to the fourth industrial revolution I had in mind an invention of a health detection application for the IPRINO that will be able to scan the body temperature and detect if there is any health problems in the body therefore it recommends a healing plan for the disorder", He said.



***" Without change there is no innovation, creativity, or incentive for improvement. Those who initiate change will have a better opportunity to manage the change that is inevitable".***

#### WHAT IS FITTING AND TURNING?

Fitting and turning involves playing a major role in studying blueprints, plans and the construction, assemble, manufacturing and fit parts of the machine.

There are also other functions and duties are important to learn during the course but working with the maintaining and repairing different types of machinery is one of the important basis of the day to day job.



WHAT ADVICE WOULD YOU OFFER LEARNERS THAT ARE INTERESTED IN PURSUING IN THIS CAREER?

Being able in the fitting and turning trade you need to develop love for 3D drawings and measurements. If you consider yourself good with metal and repairing parts, then a career in fitting and turning is for you.