

First training at Suame Magazine* (see below for abbreviations and details).

In January and February, preparations were completed, the hoists were set up, and the tools arrived.



On March 8, the first seminar started at the ITTU Centre in Suame.



Our trainers Evans, Solomon, Chris and Gabriel decided to teach in one big group in the first week, the week after the participants were divided into two groups. We adapted the curriculum to the education background of the participants. The training goal now is that after the first month, all mechanics will have a basic understanding of how to diagnose, troubleshoot, and how to possibly fix the faults. After the initial training, seminars will follow that are important for mechanics who want to specialize in vehicle diagnostics and also for those who want to be trainers in future.

Summary of the organization of the Auto Diagnostic Training Seminar in ITTU Suame

- training start: March 8, 2023
- 200 mechanics are to train in digital vehicle diagnosis
- one training section of the actual training is 4 weeks, Monday to Friday, 7am to 11 am
- SMIDO has contact to the mechanics and is managing the registration
- KNUST / TCC are managing the organisation
- Ghatronic trainers are the teachers of the seminars and are managing the training and the curriculum
- 2 groups, maximum 10 participants per course
- 2 training rooms, 2 hoists and training equipment are available
- 2 trainers are training the participants in each course (a total of 4 trainers are available)
- The courses of the first month are essential for the car mechanics to start the vehicle diagnosis. There will be following courses which are important for mechanics who want to be specialized in vehicle diagnostic.
- We will first teach the theory, but practicals are strongly incorporated in each of the seminars.
- The seminar language is Twi and English (Failure codes, Google, Wikipedia are English).
- Handouts: for each seminar a handout will be available
- Ghatronic has prepared 3 different courses of 5 days, PowerPoint documentation is available.

For first and second week:

1. Basic Course

2. General Information Course

- fundamentals in Car electric/electronic, use of Multimeter, crimping tools, soldering
- Relation between customer and mechanic, links in internet, No-Goes in repairing

For third and fourth week:

3. Diagnosis Troubleshooting Course

- start in vehicle diagnostic. Reading out failure codes, fault searching, clearing failure codes, use of different diagnosis possibilities, use of YouTube/google etc.

Prospects and planning for subsequent seminars in Suame:

- The courses for advanced vehicle diagnostic will follow:
work with several advanced diagnosing systems, understanding and working with wiring diagrams, understanding different sensors, key programming, ...
These seminars will be addressed to the best graduates from the first seminar-month.
These courses will also train new trainers.
- Planning of the education of female Diagnosis Experts.
For Ghatronic, Ulrike Beck is taking care of this matter.

Ghatronic Foundation

- The Memorandum of Understanding (MoU) between Kwame Nkrumah University of Science and Technology and its Technology Competence Centre (TCC) and Ghatronic has been signed.
- The annual general meeting with election of the board of directors will be held online in March and April.
- Our trainers will continue to take courses from WAVA, so they will be continuously trained
- The Ghatronic-Presentations have been updated, see "Downloads" on our website

***Explanation, Details, Links:**

WOW!: Würth Online World GmbH, www.wow-portal.com/web/en/wow/index.php

SES: Senior Expert Service Senior Experten Service (SES). www-ses-bonn.de

Foundation of German Business for International Cooperation – Non-profit Society

GIZ: The German Society for International Cooperation (GIZ) is an organization of the Federal Republic of Germany, which is internationally active on behalf of various ministries of the FRG.

KNUST: Kwame Nkrumah University of Science and Technology

TCC: Technology Competence Centre of KNUST

SMIDO: Suame Magazine Industrial Development Organization

Suame Magazine: Industrial area in the Kumasi region with many workshops for metal technology and vehicle repairs, employing an estimated 200,000 people

MoU: Memorandum of Understanding: Declaration of intent to enter into a cooperation agreement