



SSF PRODUCT INNOVATION AND DESIGN CENTER – DIGIHUB FABLAB - DAVAO University of Southeastern Philippines

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Members of the DigiHub FabLab Davao wearing the samples of the faceshields for the frontliners. The said faceshields were produced using 3D printers at the Fablab

The DigiHub-Davao Fabrication Laboratory (DigiHub FabLab Davao) is now producing face shields to address its shortage for use of medical frontliners amid the coronavirus disease 2019 (COVID-19). The face shields are made of filament or acetate, polylactic acid plastic, and are produced through the use of 3D printing and laser cutting machines at the fabrication laboratory facility located inside University of Southeastern Philippines (USEP) Obrero campus.

As of March 26, 2020, the DigiHub FabLab Davao has produced a total of 200 pieces of face shields and turned over 25 pieces to the Southern Philippine Medical Center (SPMC) in Davao City, 10 pieces to the Davao Regional Medical Center (DRMC) in Tagum City.

Apart from the face shields, the team is also fabricating isolation/intubation boxes and swab cover equipment and which are used for treating patients infected with COVID-19 cotton and provide additional protection for the medical practitioners. Three intubation boxes were already turned over to SPMC.

It said the initiative was being undertaken through the joint efforts of the USEP, DOST 11 and Department of Trade and Industry (DTI) 11, in collaboration with other fabrication laboratories in the country, medical practitioners and hobbyists.

Sources:

<https://news.mb.com.ph/2020/03/27/davao-digihub-team-starts-producing-face-shields/>

<https://www.facebook.com/Digihub-Fablab-DAVAO-331597651031849/>

<https://www.bworldonline.com/covid-19-regional-updates-03-24-20/>