

MMP 604 - Rubber Processing *

Hours: 40 hours **

Start: May 27, 2021

End: July 10, 2021 ***

Menu: Composition of Erasers. Commercial elastomers: structure and properties. Composition and Vulcanization: Uses. Thermoplastic elastomers. Mixtures. Vulcanization dynamics. Processing. Rubber Modification. Rheometry: maximum torque, running time pre-vulcanization (scorch), optimal cure time, types of rheometric curve and cure rate. Practice.

* The course will be offered according to observations related to CEPG Resolution number 07, of July 3, 2020.

** Exceptionally, the total workload of the discipline will be divided between synchronous activities and asynchronous. The synchronous activities of the discipline will be carried out on Saturdays and Thursdays. On Saturdays the minimum charge will be two hours (2h). When on business days, synchronous activities will be preferably after 19:00 and with a load not exceeding two hours (2h).

*** The end date is subject to change in the course of activities.

