

## MMP 603 - Plastics Processing I \*

**Hours:** 40 hours \*\*

**Starts:** March 20, 2021

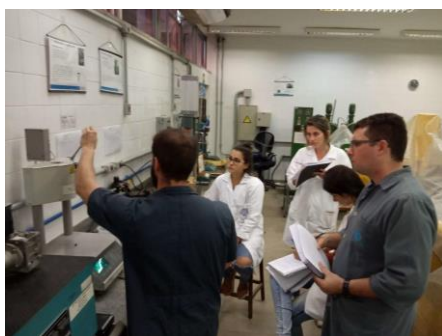
**End:** May 22, 2021 \*\*\*

**Menu:** Fundamentals of plastics processing. Rotational molding: process and description of the machine. Cast rheology and rheometry (capillary, cone dish and MFI). Plastics additives: protective additives, polymerization aids, processing, plasticizers, nucleating agents, stabilizers and modifying additives of properties. Variable Topics. 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. To the 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.



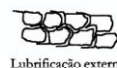
### Mecanismos de lubrificação



lubrificação interna



plastificação



Lubrificação externa



efeito desmoldante

Representação esquemática dos tipos de interação entre o lubrificante e o polímero.

Augusto Peres

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