



# 【TEM Beginner】 How to get a TEM License

① An online common test for users about the understanding of the usage rules

←Pass  
←Fail

You have to take the online test “[Common test for users about the understanding of the usage rules](#)” and pass it. If you fail in this test, you have to retake it.

② Set a schedule of TEM Beginner Class I & II

Nanostructural Characterization Group office will inform you the schedule of TEM beginner classes: the date and availability of each Beginner classes can be confirmed on our HP. The fee for TEM beginner class is the price of technical support (3.5h worth) for JEM-2100F1, JEM2100F2. Please refer to the Usage Fee for details.

③ TEM Beginner Class I (Technical training & Technical skills test)

Take a technical training & Test of “TEM beginner class I . If you fail in this test, you have to retake it.

④ TEM Beginner Class II (Technical training & Technical skills test)

Take a technical training & Test of “TEM beginner class II . If you fail in this test, you have to take a “Supplementary class and then retake the technical skills test again.

◆ Supplementary Class

A temporary class given mainly for those who haven't passed the technical skills test and those who have had a while since the last training of TEM.

⑥ An online test for users about the understanding of TEM

You have to take the online test “TEST about the understanding of TEM” and pass it. If you fail in this test, you have to retake it.

⑦ Basic Class (Technical training & Technical skills test)

Take a technical training & technical skills test of basic class you selected with the person in charge of usage consultation from the following three basic classes: “[HRTEM](#)”, “[Nano particles](#)” and “[STEM-EDS](#)” . Multiple selectable. The person in charge of technical training will contact you about the schedule.

⑧ B-License Issuance of JEM-2100F& JEM-2100

You can book and use JEM-2100F&JEM-2100 by yourself as “Common use”.

⑨ Optional Class

Take a technical training & technical skills test of optional class you selected with the person in charge of usage consultation.

\*The person in charge of technical training will contact you.