



# 【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.