

FY2021 Nanotech Career-up Alliance MEMS Course / Kyoto University

The Micro/Nano fabrication technologies (photolithography, thin film deposition, etching and bonding) from microscale to nanoscale are indispensable to the research of MEMS/NEMS, electronic devices and microfluidic devices which make full use of nanotechnologies.

This course is intended for the beginners of Micro/Nano fabrication technologies to understand the basic principles of the technologies. It also aims to acquire the Micro/Nano fabrication skills comprehensively through the practices of design and fabrication of simple devices using the equipments at Kyoto University Nanotechnology Hub. The applicant can receive assistance of rate when using the equipments.

■ Number of Participants:

1st term / 2nd term: 3 persons for each term

■ Time and Period:

1st term: From April 1 (Thu.) 2021 to September 30 (Thu.) 2021

2nd term: From October 1 (Fri.) 2021 to February 28 (Mon.) 2022

■ Venue:

Nanotechnology Hub, Kyoto University
#327 Faculty of Engineering Engineering Science Depts Bldg.
Yoshida Honmachi, Sakyo-ku, Kyoto
URL: <http://www.nanoplat.cpier.kyoto-u.ac.jp/access/>

C Cluster, Katsura Campus, Kyoto University
Kyoto daigaku-Katsura, Nishikyo-ku, Kyoto
URL: <http://www.t.kyoto-u.ac.jp/ja/access/katsura>
(The nearest bus stop: Katsura Goryozaka)

■ Contents:

The participants, the supervisors of the participants and the persons in charge of technical assistance will have a meeting to determine the specific curriculum according to the specialty and the needs of each participant (custom-made curriculum).

The custom-made curriculum will be made by combining the practice of the operation of the Micro/Nano fabrication equipments at Kyoto University Nanotechnology Hub, the device design and fabrication training etc. according to the needs of each participant.

The style of the course has various options such as the periodical courses (every week, every 2 weeks, or every month), the intensive courses (for one week, two weeks, etc.), or the combination of the above.

■ Tuition:

Actual Expenses

*The applicant can receive assistance up to a total of 200,000 JPY in the equipments usage fees.

■ Contact:

CUPAL Secretariat,
Nano/Micro System laboratory, Kyoto University
C3 Bldg., Kyoto daigaku-Katsura, Nishikyo-ku, Kyoto
TEL: +81-75-383-3693
E-mail: cupal@nms.me.kyoto-u.ac.jp