

Basic FIB Operator Training
Abbreviated* Syllabus.

LECTURES

1. Overview of FIB system;
2. Subs-systems of the FIB tool and there's principles of operation, basic diagnostics;
3. Ion beam to sample interactions, imaging, charging, and contrast mechanisms;
4. User interface and computer system;
5. Gas Assisted Processes;
6. Overview of FIB applications;

PRACTICAL TRAINING

1. Sample requirements, loading, and alignment;
2. Obtaining an image;
3. Sputter milling, cross-section milling;
4. Gas Assisted operations, milling and deposition;
5. Saving and recovering images and data;
6. Daily calibrations and preventive maintenance;

*Detailed syllabus is available upon request sent to: info@partbeamsystech.com