

This document is designed to guide you through various training sessions available for the Birck Nanotechnology Center (BNC).

Upon arrival at BNC you need to determine which level of access your research will require. Your Purdue ID can be used to register for all relevant training courses at

<http://www2.itap.purdue.edu/bnc/training/>

I. The first level of training will allow you to (a) get access to the building using your Purdue ID and (b) get keys to any assigned office space. There are three relevant Birck Lab Orientation Courses designed for academic personnel:

Course	Scope and Intended Audience
BNC 101	This course is primarily intended for BNC Faculty. It guides faculty through the BNC policies, procedures, & safety protocols which students under his/her supervision are expected to abide by. Despite the supervisory roll of faculty, this course does not authorize unescorted lab access or cleanroom access. This course is scheduled by request. <i>BNC 101 only provides faculty with access to the building and office space.</i>
BNC 102	This course is intended for people who have offices in BNC but do not participate in experimental research directly (e.g. Theoreticians or Support Staff). This course provides general building policies and safety information, but it does not provide access to labs, the cleanroom, or any research support areas of the building. This course is scheduled by request. <i>BNC 102 provides non-research users with building and office access.</i>
BNC 105	This is the general BNC Lab Orientation Course. Most users who intend to do research in the facilities should attend BNC 105. This course covers BNC policies & procedures, safety information, and the Right-to-Know program. It does not cover specialized hazards addressed in fume hood, laser, biological safety, and/or cleanroom training. This course is offered every other week. <i>BNC 105 provides access to the building and office space and is a prerequisite for obtaining keys to BNC laboratories or access to the cleanroom.</i>

II. If you intend to do experimental research at the Birck Nanotechnology Center you will need access to the laboratories. **ALL lab users MUST attend BNC 150 Fume Hood Safety Training to receive lab keys.** Upon completion of BNC 105, users can register for a BNC 150 -- Fume Hood Safety Training session at

<http://www2.itap.purdue.edu/bnc/training/>

III. Beyond Lab Orientation and Fume Hood Training, each research area within Birck may require specialized training as a last step to authorization. Examples include:

Course	Focus and/or Intended Users
BNC 206	Cleanroom Training
BNC 207	Laser Safety Training
BNC 208	Biosafety Training for BL-1 and BL-2 labs
BBP	Bloodborne Pathogen Training for BL-2 labs
miscellaneous	Specialized Equipment Training

Typically these training courses are completed as needed just before research is scheduled to commence. To enroll in any of these courses you must first complete BNC 105 (or equivalent) and BNC 150 (Fume Hood Training). Again, information and registration for all training sessions can be found at

<http://www2.itap.purdue.edu/bnc/training/>

Specialized Prerequisites for some Courses

When registering for a training session, please take note of the listed “Prerequisite Skills”. For instance: **Cleanroom Training (BNC 206A)** and **Biosafety Training (BNC 208A)** require you to complete an online course & quiz BEFORE attending the training session. Once you complete any required online quizzes, the system will automatically forward your score to the training coordinator. All online course quizzes should be completed >24 hours before the cleanroom or biosafety training session. Birck on-line courses & quizzes can be found on Purdue’s ITaP Blackboard site at

<https://blackboard.purdue.edu/webct/entryPage.dowebct>

Note: The first time you log on you will need to create an account on Blackboard WebCT. This account is independent of your Purdue ITaP account, but you can make your user name match your Purdue log-in if you wish. Add new courses to your account by clicking on “West Lafayette Open Campus” Course List → Purdue Extension → BNC → Uncategorized” then select the relevant course. Once registered, the course should appear on the “Course List” section of you “My Blackboard” page.

Example Training Schedules:

	Graduate Students (Exper. Research)	Post Docs	Theoretical Researchers	Faculty	Visiting Scientists
1 st	BNC 105	BNC 105	BNC 102	BNC 101	BNC 105
2 nd	BNC 150	BNC 150			BNC 150
3 rd	Lab, Cleanroom, or Specialized Equip.	Lab, Cleanroom, or Specialized Equip.			Lab, Cleanroom, or Specialized Equip.