

## **BeerKulture/BxB Production Internship Curriculum**

### **Week 1: Introduction**

Internship Goal – Expectations / Post-internship goals

Company History – History of BXB

What is Beer? General Conversation about beer, styles, etc.

Everyday Cleanliness and Safety ***Required Reading*** “**Brewing: Chapter 8**”

Introduction to Chemicals and Chemical Safety

Standard Operating Procedures Overview

\*\* Weeks 5-8 \*\* Introduction to Raw Materials & Recipe Development – Pilot Recipe for BXB East Village ***Required Reading***: “**Brewing: Chapter 9**”

### **Weeks 1 through 4: Packaging and Cellar Assistance**

Introduction to Packaging – Tour Packaging Areas w/ description of all processes

Understanding Oxygen and CO<sub>2</sub> in the Brewery - ***Suggested Reading***

**[https://www.allagash.com/blog/brewing-better-beer-oxygen-the-enemy-of-beer/?ao\\_confirm](https://www.allagash.com/blog/brewing-better-beer-oxygen-the-enemy-of-beer/?ao_confirm)**

Planning and Logistics – Understanding the Division of Packaged Product/Shipping

Keg Machine Operation – ***Required Reading*** **Standard Operating Procedure**

Can Line Operation – ***Required Reading*** **Standard Operating Procedure**

Sensory/Evaluating Beer ***Required Reading*** “**Brew Chem 101: Chapter 6**”

Forklift Training

\*\* NYC Brewer’s Guild Meeting & Industry Night \*\*

### **Weeks 5 through 6: Cellar and Brewhouse Assistance**

Cellaring Operations Breakdown

Tank Cleaning/Sanitization and Brite Tank Preparation

Yeast and Yeast Handling ***Required Reading*** “**Brew Chem 101: Chapter 3**”

Hops and Hops Handling ***Required Reading*** “*Brew Chem 101: Chapter*

Beer Filtering and Carbonation – CO<sub>2</sub>, Centrifuge, Carbonation ***Required Reading*** “**Brewing: Chapter 19:3**”

Recipe Development

### **Weeks 7 through 8: Brewhouse and Cellar Assistance**

Brewhouse Operations Breakdown ***Required Reading*** “**Standards of Brewing: Chapter 9**” & **Standard Operating Procedure**

Understanding a Recipe

Grain and Milling Grain ***Required Reading*** “**Brew Chem 101: Chapter 1**”

Wort Production/Heat Exchanger ***Required Reading*** “**Standards of Brewing: Chapter 9**”