



2025 - 2026

Brewing, Distillation and Fermentation - Distillation Pathway

Associate in Applied Science Degrees

MULTIPLE LOCATIONS

| VARIED SEMESTER LENGTHS

| NUMEROUS PROGRAMS

| FINANCIAL AID



Scan Code for program page online



ASHEVILLE, NORTH CAROLINA • (828) 398-7900 • ABTECH.EDU



Brewing, Distillation and Fermentation - Distillation Pathway

This curriculum is designed to prepare individuals for various careers in the brewing, distillation and fermentation industry. Classroom instruction, practical laboratory applications of brewing, distillation and fermentation principles and practices are included in the program of study.

Course work in brewing, distillation and fermentation includes production, operations, safety and sanitation and associated process technologies. Related course work is offered in fermentation production, safety and sanitation, applied craft beverage microbiology, agriculture, marketing, management, equipment, packaging and maintenance.

Graduates should qualify for employment opportunities in the brewing, distillation and fermentation industry. Students may be eligible to sit for the professional Institute of Brewing and Distilling (IBD) certification exams which correspond to the program of study.

The Brewing, Distillation and Fermentation program prepares individuals to apply technical knowledge and skills to brew, distill and ferment various products, including beverages. Includes instruction in production of fermented products, cultivating, marketing, management, legal issues, inspection, maintenance, service and repair of equipment, facility operations, packaging, and sanitation.

Specific Admission Requirements

This program has a limited admission process. For application and admission requirements, contact advising@abtech.edu and view the information on our website at <https://www.abtech.edu/admissions/selective-and-limited-programs>.

Total Cost Estimate

Tuition per Semester (NC Resident) \$1,216.00 (16+ credit hours)
\$76.00/credit hour (1-15 hours)

Computer Use and Technology Fee \$48/semester

Activity Fee Fall and Spring semesters only,
Main campus and Online, \$35.00

CAPS Fee (Campus Access, Parking and Security) \$20/semester

Matriculation Fee \$10/semester

Student Insurance \$2/Semester

Additional Fees including books may incur, please check A-B Tech website for more detail: <https://abtech.edu/program/brewing-distillation-and-fermentation-aas-cost-estimate>

Have you applied for Financial aid? Please visit A-B Tech website for instructions: <https://abtech.edu/future-students/financial-aid/applying-aid>

Diplomas and Certificate Available:

Brewing Methods and Operations Diploma

Distillation Methods and Operations Diploma

Craft Beverage Lab Certificate

For more information, please visit:

<https://abtech.edu/programs/academic/brewing-distillation-and-fermentation>

Courses requiring a grade of "C" or better: BDF, HRM, SST, and WBL

| | Course Prefix | Course Name | Credit Hours |
|--------------------------|---------------|--------------------------------|--------------|
| First Semester (Fall) | BDF 111 | BDF Safety & Sanitation | 2 |
| | BDF 114 | Craft Beer Brewing | 2 |
| | BDF 125 | Bev Tech & Calculations | 2 |
| | BDF 220 | Applied Craft Bev Chemistry | 4 |
| | ENG 111 | Writing and Inquiry | 3 |
| | HRM 225 | Beverage Management | 3 |
| Second Semester (Spring) | BDF 110 | Fermentation Production | 4 |
| | BDF 115 | Applied Craft Bev Microbiology | 4 |
| | BDF 180 | Sensory Evaluation | 3 |
| | BDF 261 | Bev Marketing & Sales | 3 |
| | HRM 135 | Facilities Management | 3 |
| Third Semester (Summer) | MAT 110 | Math Measurement & Literacy | 3 |
| | WBL 112 | Work-Based Learning I | 2 |
| Fourth Semester (Fall) | BDF 150 | Craft Bev Lab Methods* | 3 |
| | BDF 215 | Legal Issues-Fermentation | 3 |
| | BDF 240 | Seasonal Beer Production** | 4 |
| | BDF 250 | BDF Packaging & Materials | 3 |
| | HUM 115 | Critical Thinking | 3 |
| Fifth Semester (Spring) | SST 110 | Intro to Sustainability | 3 |
| | BDF 170 | Bev Tour & Tasting Mgt* | 3 |
| | BDF 175 | Distillation Operations | 4 |
| | BDF 230 | Advanced Brewing | 3 |
| | BDF 230A | Advanced Brewing Lab | 1 |
| Sixth Semester (Summer) | COM 231 | Public Speaking | 3 |
| | ECO 151 | Survey of Economics | 3 |
| | HRM 220 | Cost Control-Food & Bev | 3 |
| Program Totals: | | | 70 |

*BDF 150/BDF 170 are an either-or class. You can opt to take only one

**BDF 240 is an optional class for the distillation pathway.

Career Opportunities in Brewing, Distillation and Fermentation

Salary Range: \$39,000 - \$46,200

Brewer/Distiller, Distribution Sales & Marketing, Beverage Manager, Brewery/Cellar Associate, Brew Pub Operations Manager, Tasting Room Manager, Beverage Event Coordinator, Retail Sales Purchaser

For More Information

Contact Jeffrey Irvin by email at jeffreymirvin@abtech.edu or phone at 828-398-7191