



**ARCTIC  
CHILL  
EQUIPMENT  
TRAINING CLASS  
INFORMATIONAL  
PACKET**



## ARCTICHILL EQUIPMENT TRAINING CLASS

### 1. GENERAL INFORMATION:

**a) Date and Time:**

*May 10th & 11th (8:30am - 5pm)*

**b) Location:**

*71 Industrial Park Rd. Newberry, SC 29108 (803) 321-1891*

**c) Instructors:**

*Charles Harrison, Jr., Chief Engineer*

### 2. TRAINING OBJECTIVES:

**a) Classroom Training:**

*This class is designed to familiarize students with the following:*

- Systems components and operation*
- Preventative maintenance procedures*
- Basic troubleshooting*

**b) System Operation, Demonstration and Proficiency Training:**

*Students will demonstrate proficiency through hands-on operation of the ArctiChill modular chiller controls.*

**c) Trainee Proficiency Testing:**

*Students will demonstrate knowledge proficiency by passing a written quiz.*

**d) Documentation:**

*Students will understand the basic documentation required for maintenance history records and operation logs.*



### 3. LESSON PLAN:

#### a) Program Topics to be Covered:

- **Introduction**
  - *Students expectations from the training*
  - *Who are we? ArctiChill Service*
- **Product Description**
  - *Module identification*
  - *Serial numbers*
  - *Refrigerant type and charge*
  - *Electrical data*
- **Installation and Assembly**
  - *Master and slaves*
  - *Tank and pump*
  - *Heat exchanger*
  - *Power distribution*
- **Refrigerant Circuits**
  - *Compressors and Components*
  - *Heat exchangers*
- **Microprocessor and Controls**
- **Maintenance and Troubleshooting**
- **Questions and Comments**

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# RECOMMENDED HOTELS AND AIRPORTS

## Hampton Inn Newberry Opera House

1201 Nance St, 29108-2713 Newberry (803) 276-6666

(Ask for ArctiChill's Corporate Discount)



### Property Location

A stay at Hampton Inn Newberry Opera House places you in the heart of Newberry.

### Rooms

Make yourself at home in one of the 73 guestrooms featuring refrigerators and flat-screen televisions. Complimentary wired and wireless Internet access keeps you connected, and cable programming provides entertainment. Conveniences include desks and microwaves, as well as multi-line phones with free local calls and voice mail.

### Rec, Spa, Premium Amenities

Enjoy recreational amenities such as an outdoor pool and a fitness facility. Additional amenities include complimentary wireless Internet access and a television in the lobby.

### Dining

A complimentary hot/cold buffet breakfast is served daily.

### Business, Other Amenities

Featured amenities include complimentary high-speed (wired) Internet access, a business center, and express check-out. Free parking is available onsite.

# Newberry Holiday Inn Express Hotel & Suites

121 Truman Avenue Newberry SC 29108 (803) 262-2080



## The Best of Upstate Hotels Is in Historic Newberry, SC

Welcome to the **Holiday Inn Express®** Hotel & Suites Newberry. As the premier choice among hotels in the Newberry, SC area, we are conveniently located at exit 76 off of I-26, about 30 minutes north of Columbia and less than an hour south of Greenville, SC.

Business guests to Newberry, SC appreciate our hotel's close proximity to companies including ArctiChill, Caterpillar, Komatsu, Kiswire, International Paper Co., Georgia Pacific and Louis Rich. We're just six miles from the Newberry County Memorial Hospital, as well. We're also pleased to provide a 24-hour Business Center and two spacious meeting rooms, which are suitable for up to 85 people.

From the famous Newberry Opera House and the Newberry County Historical Museum to historic downtown and the Country Club of Newberry, SC, our hotel's guests have much to see and do. Newberry College is just minutes away, as well, making us the preferred choice for those on college visits in Newberry, SC.

Our hotel's fantastic amenities, including an indoor pool, whirlpool and Fitness Center, make it easy for travelers to unwind. Be sure to stop by our complimentary Express Start Breakfast Bar each morning for delights like our signature cinnamon rolls and Smart Roast coffee. Few hotels in Newberry, SC can provide travelers with these perks backed by the reputable name they trust. "Stay Smart" at the **Holiday Inn Express®** Hotel & Suites

### \*\*\*\*\* AIRPORT INFORMATION \*\*\*\*\*

**Columbia Metropolitan Airport( CAE)**

<http://www.columbiaairport.com/>

**Greenville-Spartanburg International( GSP)**

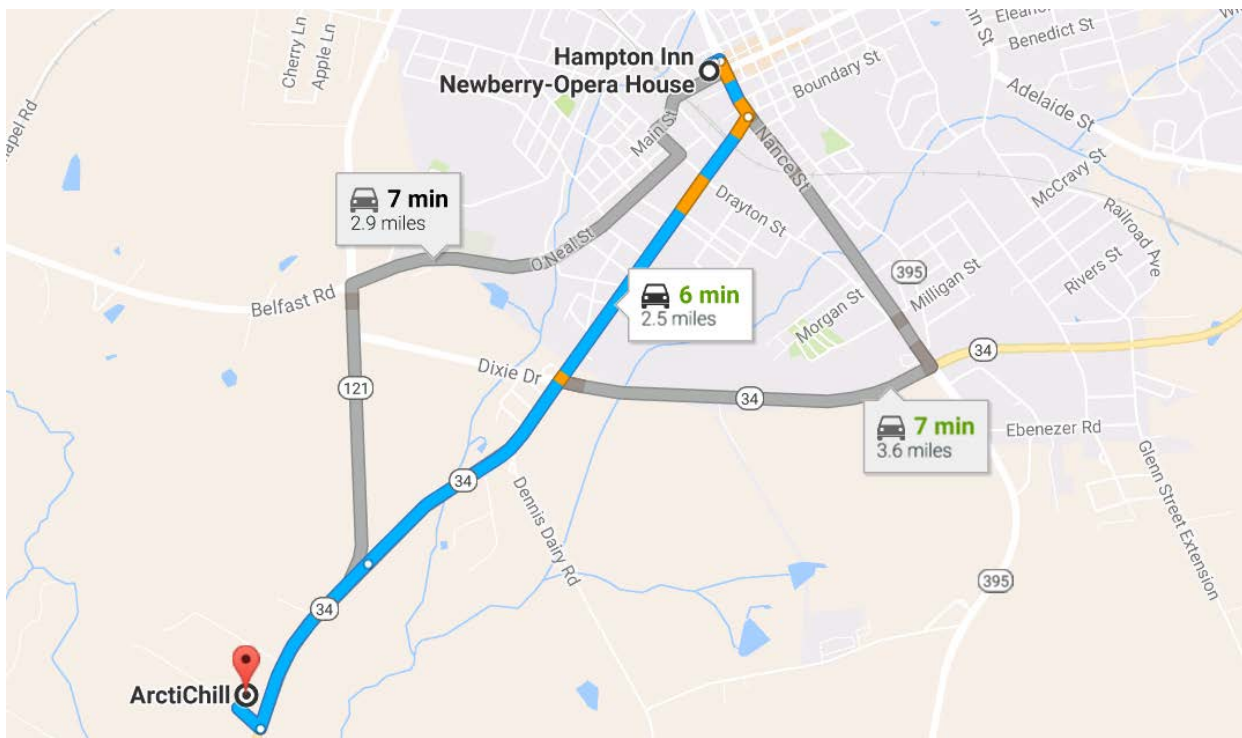
<http://www.gspairport.com/>

**Charlotte Douglas International Airport( CLT)**

<http://www.charlottedouglasintlairport.com/>

**Augusta Regional Airport, Augusta, GA (AGS)**

<http://www.flyags.com>



via SC-34 Business W/Boundary St and SC-34 W

5 min without traffic

↑ Head northeast on Victory St

75 ft

↙ Slight left toward Nance St

82 ft

↘ Turn right onto Nance St

0.2 mi

↘ Turn right onto Boundary St

1.7 mi

↑ Continue onto SC-121 S/SC-34 W

0.6 mi

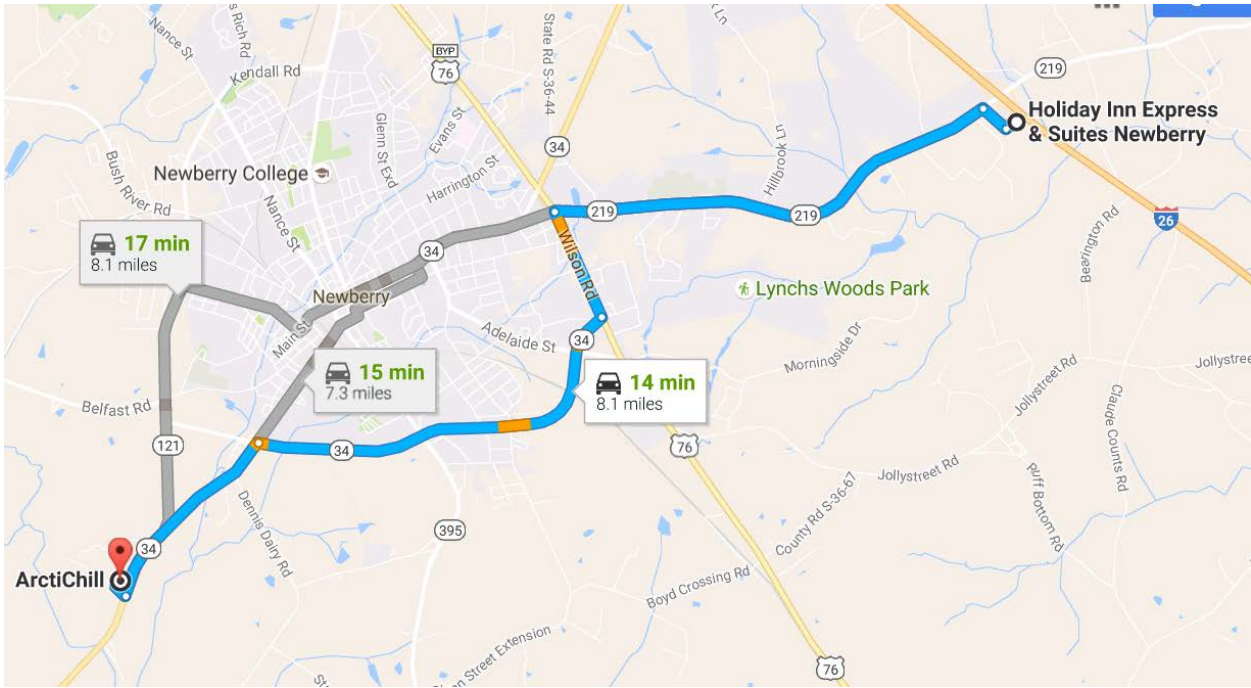
↘ Turn right onto Industrial Park Rd

**i** Destination will be on the right

453 ft

**ArctiChill**

71 Industrial Park Road, Newberry, SC 29108



## Holiday Inn Express & Suites Newberry

121 Truman Avenue, Newberry, SC 29108

### Follow SC-219 W to US-76 E/US-76 BYP E/Wilson Rd in Newberry

- ↑ 1. Head northwest on Truman Ave toward Landworks Ave
- ↑ 2. Truman Ave turns left and becomes Landworks Ave
- ↗ 3. Turn right onto West Dr
- ↖ 4. Turn left onto SC-219 W

### Take SC-34 W to Industrial Park Rd

- ↖ 5. Turn left onto US-76 E/US-76 BYP E/Wilson Rd
- ↗ 6. Turn right onto SC-34 W/Dixie Dr
- ↖ 7. Turn left onto SC-34 W
- ↗ 8. Turn right onto Industrial Park Rd  
**i** Destination will be on the right

## DIRECTIONS FROM THE INTERSTATES:

**From Columbia:** Take I-26 west towards Spartanburg, get off on exit 72, turn left at stop sign toward Newberry, go approximately 3 ½ miles (you will go through one traffic light), bare right staying on Hwy 121, go approximately 5 miles to the stop sign, (you will go through two traffic lights.)

Turn right onto Hwy 34W and ArctiChill is located less than ½ mile on the right.

**From Greenville:** Take I-385 east, get on I-26 east towards Columbia, get off on exit 72, turn right at stop sign toward Newberry, go approximately 3 ½ miles (you will go through one traffic light), bare right staying on Hwy 121, go approximately 5 miles to the stop sign, (you will go through two traffic lights.)

Turn right onto Hwy 34W and ArctiChill is located less than ½ mile on the right.

**From Charlotte:** Take I-77 south towards Columbia, get off on exit 65, Hwy 9, go right at stop sign, go approximately 12 miles staying on Hwy 9, turn left on to Hwy 121 (in Chester) towards Newberry, go approximately 40 miles (you will cross over I-26 and go through one traffic light), bare right staying on Hwy 121, go approximately 5 miles to the stop sign, (you will go through two traffic lights.)

Turn right onto Hwy 34W and ArctiChill is located less than ½ mile on the right.