



## 2020 Museum Department Lifelong Learning Programs

We offer engaging programs for adults ages 16 and up. Participants must be able to climb narrow ladders or over knee-high hatches. Wear warm, comfortable, washable clothing, sturdy, rubber-soled shoes and bring a camera! Registration and payment are due Thursday before the event. For information: Kim Sincox at [kim.sincox@ncdcr.gov](mailto:kim.sincox@ncdcr.gov). For tickets: Shelly Robinson at 910-399-9101.

### Hidden Battleship

**January 4, March 14, and May 16, November 14, 2020; 12:00pm – 4:30pm**

**\$50 per person. \$45 for Friends members or active military. 40 participants.**

For the explorer at heart, bring a friend and join us for a unique, behind-the-scenes tour of un-restored areas of the Battleship. The four-hour tour consists of small groups with guides. Guests explore the bow (officers' country, boatswain locker, and descend to the bottom of the ship), third deck (Radio II, brig, after gyro, storage rooms, ammunition handling, Engineer's office), Engine room #1, superstructure (Captain's cabin, armored conning tower, maintenance shops), reefer, aft diesel, and climb inside the fire control tower to the top of the ship. The Azalea Coast Radio Club will be in Radio II to explain their work on the ship's radio transmitters. It's the tour that brings out the "Indiana Jones" in all of us, without the snakes!

### Power Plant

**Saturday, February 8, 2020; 12:00pm – 5:30pm**

**\$65 per person. \$60 for Friends members or active military. 32 participants.**

Calling all Navy engineering enthusiasts! Join us for an in-depth program on the Battleship's power plant. Learn in detail about the ship's eight Babcock & Wilcox boilers, four sets of General Electric turbines and reduction gears, steam and diesel-powered service turbo generators, along with electrical distribution, water distillation, and steering mechanisms. Our program features classroom presentations and behind-the-scenes tour of engineering spaces. Discover what it took to propel a 45,000 ton heavily armored battlewagon bristling with massive firepower and 2,300 fighting men across the Pacific.

### Firepower!

**Saturday, March 7, 2020; 8:15am - 5:00pm**

**\$90 per person. \$85 for Friends members or active military. Includes lunch.**

The Battleship is a floating weapons platform, but the finest guns are of little use without the means to direct their fire accurately at the target. Participants will explore the ship while learning about the various types of fire control equipment (directors/optical range finders, radar, computers) and how main and secondary battery plotting rooms and the combat information center operated.

In the afternoon session participants learn about and explore the Battleship's 16-inch and 5-inch guns from the gun houses to the ammunition loading compartments; the 40mm and 20mm guns, and the weapons that they replaced (1.10 and 50 caliber guns).

The program is for adults only (ages 16 and up) and limited to 24 participants. It is not appropriate for those who may have difficulty climbing narrow ladders. Wear warm, comfortable, washable clothing, sturdy, rubber-soled shoes and bring a camera! Registration and payment are due Thursday before the event.

### Showboat—Systems & Design

**Saturday, May 9, 2020; 1:00pm – 4:00pm**

**\$40 per person. \$35 for Friends members or active military. 10 participants.**

As the first of the 10 fast battleships which served in WWII, NORTH CAROLINA paved the way for those battleships that followed. Hampered by treaty restrictions, naval architects still managed to weave the various ship systems together into an efficient and elegant naval weapons system – the first battleship constructed in sixteen years. LtCol Ken Rittenmeyer, USAF (Ret) will provide participants with an insightful afternoon program explaining these various shipboard systems – armor, fuel, propulsion, electrical, etc. – that make NORTH CAROLINA an effective warship and how they are skillfully incorporated into this engineering wonder. A one-hour presentation followed by a two-hour shipboard exploration comprise this engaging program.