

# 2025 STEM CAMP HANDBOOK

## ***Renewable Energy: A Summer STEM Camp***

June 16 – 19, 2025

Check-in June 16th @ 10:00-11:00am in Gilliland Hall

Check-out June 19th @ 12pm in Gilliland Hall

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### CAMP Staff & cell phone numbers:

- Camp Director: Ms. Shaun Prince, C – (701) 230-3836
- LRSC Faculty/Instructors: Ms. Shaun Prince and Mr. Jay Johnson
- Camp Instructors: Mr. Terry Benton, Dr. James Auld, Ms. Lindsey Romano
- Camp Contact: Ms. Rachel Fritz, O – (701) 662-1522 or C – (701) 230-7239

### Student Policies

STEM Summer Camp seeks to establish a positive, educational experience for all students. For this to happen, each person must acknowledge and respect the needs and rights of others in the STEM Summer Camp community. Policies ensure respectful and responsible behavior in the program. All students must comply with these standards. Please realize these policies are not in place to act as a punishment. Some policies are in place for safety; others are in place for fostering and promoting a healthy learning atmosphere.

***Read these policies carefully; you will be required to sign a “Statement of Understanding” after reading all policies. You will be given an opportunity to ask questions about any policies which you feel need clarification. Your parents/guardians will also be required to read these policies and sign the “Statement of Understanding” as well.***

## **Behavior Policy**

At all times, STEM Summer Camp students will conduct themselves appropriately. This includes but is not limited to:

1. Fighting will not be tolerated.
2. Swearing or other vulgar language is forbidden.
3. Public displays of affection between any two students and/or staff members are not allowed while attending the STEM Summer Camp Program.
4. Students must pay attention to and obey all instructions given by program staff.
5. Students are expected to maintain a positive attitude about their involvement in STEM Summer Camp and are responsible for sustaining a positive learning environment for themselves and others.
6. Students are expected to always behave in a manner that reflects respect and consideration for themselves, for each other, for the staff, for the program, for the college, and its property and personnel.

## **Illegal Substances Policy**

Possession or use of any of the following items is cause for immediate dismissal from the STEM Summer Camp.

1. Guns or firearms of any type.
2. Knives or other dangerous sharp items, including pocketknives.
3. Any item intended to cause bodily harm.
4. Tobacco in any form.
5. Controlled substances included, but not limited to marijuana, cocaine, crack, etc.; or
6. Alcoholic beverages.

## **Automobile Policy**

1. Students may not ride in or drive non-college vehicles during the STEM camp (sitting in parked cars is also prohibited). College vehicles or college approved vehicles will provide transportation to various camp events and will be driven by camp staff.
2. Students who drive themselves to and from the STEM camp must check in their car keys with a camp staff member while they are on campus.

## **Dress and Appearance Policy**

LRSC STEM Summer Camp participants are expected to be neatly dressed and well-groomed. Therefore, all individuals affiliated with the program are expected to positively represent the program.

1. No tank tops, midriff-baring shirts, or excessively short skirts or shorts, fingertip rule will apply. Exposed undergarments are not appropriate.
2. T-shirts, sweatshirts, and other clothing and paraphernalia with profanity or suggestive slogans relating to but not limited to drugs, alcohol, tobacco, sex, violence, gangs, or politics are prohibited.

3. **Please bring at least one pair of pants and a pair of closed-toed shoes.** Safety protocols require pants and closed-toed shoes for the tour of the NextEra Energy wind site.

### **Dormitory Policies:**

Gilliland Hall will be the “home” for the STEM Summer Camp students. We hope the dorm provides each person in the STEM Summer Camp community with a secure and comfortable base from which to learn and grow. For this to happen, each of us will have to be sensitive to the feelings and needs of others as well as to our own. Each of us shares the responsibility for developing and maintaining the supportive and caring atmosphere at the STEM Summer Camp.

- 1) Students may not leave their dorm room during room curfew (10:00 P.M. – 7:00 A.M.).
- 2) Students may not visit on the floors and or buildings of the opposite sex, unless accompanied by a counselor or staff member. Students may not enter another student’s room without permission.
- 3) ALL DORMS ARE SECURELY LOCKED WITH **SURVEILLANCE CAMERAS IN THE CAMPUS HALLWAYS**. MAIN ENTRY AND EXITS ARE ALSO VIDEOTAPED FOR THE SAFETY OF EACH STUDENT.
- 4) There will be dorm chaperones staying in the dorms with the STEM camp students. The chaperones will monitor and supervise students in the dormitory and walk the floors and stairwells to check for students out of their rooms and to make sure no person is in the dormitory that should not be there. The video equipment will aid in this process.
- 5) All STEM Summer Camp students will be sharing a room with one or more STEM Summer Camp students.
- 6) Students are responsible for keeping their rooms reasonably clean and undamaged. An inventory of each room is conducted with LRSC personnel prior to the start of the program. Each room will again be checked before departure at the close of the program. Participant(s) may have to pay for missing or damaged items. If any personal, dorm or college property is damaged, lost or stolen, it should be reported to a STEM Summer Camp staff member immediately.

### **Health Policy/Illness or Accidents:**

Students who become seriously ill or are injured while participating in STEM Summer Camp will be required to return to their homes, to receive proper care and attention from their parent(s)/guardian(s) or medical professionals.

A student who suffers an accident or injury should see a dorm chaperone or camp staff member immediately. Students who require medical attention will be taken to Altru Health System or another hospital/clinic. (parents/guardians will be contacted by camp staff)

Medications – Students taking prescribed medications should indicate the type and purpose of their medication on their medical form and inform the camp staff during check-in. The dorm supervisor will distribute all student medication based on instructions provided.

Students/parents should include detailed instructions and prescription medication should be in the original prescription bottles. All medications must be turned in to the dorm supervisor and will be placed in a lock-up area until dosage is needed. (all medical information will be kept confidential)

### **Meals:**

STEM Summer Camp provides all meals for students during the summer program. Meals will be served at the campus cafeteria as well as at local/area restaurants. If a STEM camp participant has special dietary needs, please note this on the medical information sheet during registration.

### **Field Trip Policy:**

1. All students are expected to participate in all aspects of the STEM Summer Camp.
2. Students attending field trips must go and return in transportation provided by the STEM Summer Camp.

### **Computing and Internet Policy:**

Computing services at Lake Region State College are provided to promote administrative, educational, and research efforts of the faculty, students, and staff. All persons utilizing these services are responsible to ensure that computing resources are used in an ethical and lawful manner.

1. College computer systems shall not be used for unauthorized political activities or unauthorized commercial purposes.
2. Unauthorized copies of copyrighted material shall not be created, distributed, or knowingly utilized.
3. Users shall not attempt to degrade or manipulate system-wide performance or capability.
4. Users are responsible for specialized hardware and/or software that they have installed on college computers.
5. Obscene, threatening, harassing, or intimidating material shall not be entered into the computer or sent by electronic means.
6. Users shall not examine, change, or use another person's (or institutional) username, password, files, or email.
7. Users shall always identify themselves appropriately.
8. All individuals using computer and network systems owned by the College are subject to applicable laws and College policies.
9. STEM Summer Camp/LRSC will not be responsible for unauthorized financial obligations resulting from LRSC providing access to the Internet.

### **Visitors Policy:**

Visitors are not permitted during the STEM Summer camp.

**Exploring Renewable Energy: STEM camp schedule --- June 16 – 19, 2025**

**Monday, June 16<sup>th</sup>:**

- 10:00-11:00am: Camp check-in, welcome, & orientation
- 11:00-12:00pm: Renewable Energy Careers
- 12:00-12:45pm: Lunch
- 12:45-2:30pm: Introduction to Electricity
- 2:30-3:30pm: How we use our energy – Energy usage activity
- 3:30-4:00pm: Beach ball electrical trivia
- 5:00pm: Supper
- Evening Activity: Movie night at Encore 301 Movie Theatre

**Tuesday, June 17<sup>th</sup>:**

- 8:15-9:00am: Breakfast
- 9:00-10:00am: Wind turbine systems/operation
- 10:00-12:00pm: Solar Energy Fundamentals, solar panel orientation lab, solar panel assessment lab
- 12:00-12:45pm: Lunch
- 12:45-4:00pm: Microgrids and the renewable energy trainer, 4 different microgrid system labs
- 5:00pm: Supper
- Evening Activity: Dockside Entertainment Center (bowling, pickle ball, sport simulations, etc.) and pizza party

**Wednesday, June 18<sup>th</sup>:**

- 8:15-9:00am: Breakfast
- 9:00-12pm: Energy storage fundamentals, energy storage series and parallel circuits lab, battery construction lab
- 12:00-12:45pm: Lunch
- 12:45-2:00pm: Rope systems lab/descent
- 2:00-4:00pm: Electricity generation methods continued/geothermal/hydro/field trip to White Horse Hill
- 5:00pm: Supper (sack lunch at White Horse Hill)
- Evening Activity: White Horse Hill and picnic

**Thursday, June 19<sup>th</sup>:**

- 8:15-9:00am: Breakfast
- 9:00-12:00pm: Camp recap and assessment
- 12:00pm: Departure



## CAMPUS MAP – LRSC campus

### LEGEND

-  FIRE EXT.
-  FIRE ALARM PULL
-  FIRST AID
-  AED
-  EYEWASH STATION
-  EXIT



LAKE REGION STATE COLLEGE

College Drive North



## STATEMENT OF UNDERSTANDING

This statement of understanding provides documentation that the student and guardian has read, understood, and agreed to the STEM Summer Camp Program's policies.

I, \_\_\_\_\_ hereby acknowledge and declare  
that: (Printed Student's Name)

- (i) I am aware that STEM Summer Camp's policies have been provided to me in the STEM Summer Camp Summer Handbook. It is my responsibility to familiarize myself with these policies.
- (ii) In addition, I confirm that I have received, read and understood the following policies:
  - Student Policies
  - Behavior Policy
  - Illegal Substance Policy
  - Automobile Policy
  - Dress and Appearance Policy
  - Dormitory Policies
  - Health Policy
  - Meals
  - Field Trip Policy
  - Computing and Internet Policy
  - Visitor Policy
- (iii) I agree to conduct my activities in accordance with STEM Summer Camp policies and understand that breaching these standards may result in dismissal from the STEM summer camp.

Student Name & cell phone number: \_\_\_\_\_

Student Signature: \_\_\_\_\_

Parent/Guardian Name & cell phone number: \_\_\_\_\_

Parent/Guardian Signature: \_\_\_\_\_

Date: \_\_\_\_\_



**IMAGE USE PERMISSION AND RELEASE:** I hereby grant NextEra Energy, Inc., its affiliate (LRSC) and subsidiaries (collectively, "NextEra Entities"), an irrevocable, perpetual and royalty-free right to record, use, reproduce, sell, sublicense, duplicate, edit, display, transmit, publish and otherwise make use of my likeness, picture and/or voice now or hereafter known for use in print advertising, television, internet web sites, training materials, recorded messages and/or video recordings (collectively, the "Works"). I hereby knowingly and voluntarily waive, release and forever discharge each of the NextEra Entities and each of their employees, officers, directors, successors and assigns from any and all actions, causes of action, costs, expenses, damages, losses, liabilities, and demands (including attorney fees and costs actually incurred), of whatever character in law or in equity, known or unknown, that arise out of or relate to use of the Works by the NextEra Entities, including, without limitation, any claims for libel and/or invasion of privacy. I also hereby waive any right to inspect or approve the finished photograph or advertising copy or printed matter that may be used in conjunction therewith or to the eventual use that it might be applied. I understand that pictures of me may be altered or modified. It is understood and agreed that NextEra shall retain all right, title and interest in the original Works, as well as any modification, derivative works or improvements made to the Works by the NextEra Entities. I also hereby grant the NextEra Entities permission to copyright, use, publish and/or republish the Works in any type of media. I acknowledge that I (a) am 18 years of age or older and (b) have the capacity to sign and be bound by the terms and conditions of this Image Use Permission and Release, and reaffirm that it is my definite and firm intention that this Image Use Permission and Release shall be binding upon myself, my heirs, my spouse, my children, my personal representative, my guardians, my executors, my legal representatives, my assigns and anyone else who might otherwise have the ability to make a claim or file a lawsuit on my behalf or on behalf of my estate. I further acknowledge that I have read this Image Use Permission and Release and represent that I understand the contents of this Image Use Permission and Release before I affixed my signature below. I further agree to hereby waive my right to make any monetary or any other claim against the NextEra Entities for the use of the Work as provided for in this Image Use Permission and Release.

Student Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Student Name: \_\_\_\_\_

If the person signing this Image Use Permission and Release is under the age of 18, there must be consent by parent or guardian, as follows: I hereby certify that I am the parent or legal guardian of \_\_\_\_\_, named above, and I do hereby give my consent without reservation to the foregoing on behalf of this person.

Parent/Guardian Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Parent/Guardian Name: \_\_\_\_\_