6/16/25, 12:51 PM Continuing Education Scholarship Application : Submission #124 I Empire Electric Association, Inc

**Home > Administration > Structure > Webforms > Continuing Education Scholarship Application > Results**

**Continuing Education Scholarship Application: Submission #124**

**View**

|  |
| --- |
| HTML |
| **Table** |
| **Plain text** |
| Data **(YAML)** |

The **Table** page displays a submi ssio n' s genera l information and data using tabular layou t. .. **watchvideo**

! Previous sub mission Next su bmissio n !

**Submission information**

**Applicant's Name** Taylor Ann LaRose

**Applicant's Address**

17215 W 15t h Pl

17 215 W 15th Pl

Golden, Colorado. 80401

**Your Email Address** the.teenage.nomad@gmail.com

**Telephone Number** 9706761456

**Empire Electric Account Number**

**Name on Empire Electric Account**

**Relationship to Empire Electric Account Member**

**Year You Recieved an Empire Electric Scholarship**

Year You Graduated High School

**Name and address of the institution you are attending**

Field of Study

Other Children in Your Family

Other Financial Aid

Upload Most Recent Academic Transcript - Can not be a

**screen shot** -

**Upload Letter of Reference from College Professor or Academic Advisor**

**List Your School and Community Honors and Activities**

11921

Chris and Maggie Laro se

Daughter

2023

2023

Colorado Schoo l of Mines 1500 Illi nois St r eet

Golden , Colorado . 80401 10915884

Design Engineering, Fo cus in Biomimicry

Vangu ard Scho larship Provost Award Presidents Scho larship

Future Energy Scho larship

Unofficial Transcript Mines 0.pdf (288.18 KB)

Taylor LaRose Empire Electric Schola rship \_SP25 0.pd f (145.6 KB)

Fut ur e En ergy Scholar Vanguard Scho lar Futur es Amba ssado r Futur es TA

**https://**[**www.eea.coop/admin/structure/webform/manage/application\_for**\_**continuing\_ ed/subm ission/19066**](http://www.eea.coop/admin/structure/webform/manage/application_for_continuing_ed/submission/19066) **/table 1/2**

6/16/25, 12:51 PM Continuing Education Scholarship Application: Submission #124 I Empire Electric Association, Inc

**Essay**

My name is Taylor LaRose, and I am a Design Engineering student at the Colorado School of Mines. I am applying for the Empire **Electric Association Continuing Education Scholarship to help reduce the challenge of college tuition and continue pursuing my passion for sustainable, energy-focused engineering. As someone who grew up in small-town Dolores and understands the importance of reliable, community-based energy systems, this scholarship aligns closely with my academic intere sts , personal values** and long-term goals.

**I am particularly interested in biomimicry, a field that draws inspiration from nature to solve engineering challenges in innovative**

**and sustainable ways. One of my most impactful academic experiences has been serving as a Future Energy Scholar, where I conducted research on how biomimicry principles can be used to improve the reliability and resilience of the electrical grid. By studying how natural systems like mycelium networks or ants, distribute energy and adapt to disruptions, I have gained insight into** how we might design better decentralized power systems. I believe this research has strong potential to support rural electric co­ **ops like Empire Electric in building more efficient, adaptive grids that serve their communities well into the future .**

My long-term goal is to become a biomimicry consultan t, helping engineering teams design systems and products that are both **high-performing and environmentally responsible. Whether that means contributing to energy innovation in rural infrastructure or** developing new, sustainable technologie s, I am committed to applying what I learn in ways that serve both people and the planet. **However, affording this education has not been easy. For the past two years, I have financially supported myself through college** with the help of scholarships and student loans. The initial Empire Electric scholarship I received as a senior in high school was **instrumental in helping me get through my freshman year. My younger sister just graduated and is sta rting college herself this fall,** and neither of us qualified for major help like the Pell Grant that I had received last year, despite the fact that our family expenses **have increased. While I work two part-time jobs during the academic year to help cover costs, it can be difficult to balance this with a demanding engineering curriculum.**

Thi s scho larship would ease that financial strain and allow me to focus more fully on my studies and research. It would also help me **continue building the skills and knowledge I need to contribute meaningfully to the future of energy and engineering, especially in rural communities like those served by Empire Electric.**

**Thank you for your time and consideration. With your support, I hope to carry forward the spirit of innovation and service that this**

scholarship represents.

**Submission Date** 2025-06-14

**Applicant's Signature**

https://[www.eea.coop/admin/structu](http://www.eea.coop/admin/structu) re/webform/manage/application\_for\_continuing\_ed/submission/19066/table **2/2**

**Colorado School of Mines**

# Unofficial Academic Transcript

© This is not an official transcript. Courses which are in progress may also be included on this transcript.

# Transcript Data

**STUDENT INFORMATION**

Name

Taylor Larose

**Curriculum Information Bachelor of Science**

Major and Department

EG-lndividualized Spclty, Engineering Design & Society

Birth Date 28-AUG

**TRANSFER CREDIT ACCEPTED BY INSTITUTION**

**FA21-SP22: Fort Lewis College**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Subject | Course | Title | Grade | Credit Hours | Quality Points | R |
| HASS | 2XX | HASS ELECTIVE: West Civ II | T | 3.000 |  |  |
| HASS | 2XX | HASS ELECTIVE: Creative Wrtg | T | 3.000 |  |  |
| Current Term | Attempt Hours 6.000 | Passed Hours 6.000 | Earned Hours 6.000 | GPA Hours 0.000 | Quality Points | GPA 0.000 |
| **FA20-SP21: Colorado State University Global** |
| Subject | Course | Title | Grade | Credit Hours | Quality Points | R |
| FREE | 1XX | Free Elective: Composition I | T | 3.000 |  |  |
| FREE | 1XX | Free Elective: NHV | T | 1.000 |  |  |
| HASS | 110 | NHV Writing Proficiency | T | 2.000 |  |  |
| HASS | 2XX | HASS ELECTIVE: Hum Growth/Dev | T | 3.000 |  |  |
| Current Term | Attempt Hours 9.000 | Passed Hours 9.000 | Earned Hours 9.000 | GPA Hours 0.000 | Quality Points | GPA 0.000 |
| **SP22 -SU24: Pueblo Community College** |
| Subject | Course | Title | Grade | Credit Hours | Quality Points | R |
| CBEN | 110 | FUNDAMENTALS OF BIOLOGY I | T | 5.000 |  |  |
| FREE | 1XX | Free Elective: Basic Anat/Phys | T | 4.000 |  |  |
| FREE | 1XX | FREE ELECTIVE: Drawing I | T | 3.000 |  |  |
| FREE | 1XX | Free Elective: NHV | T | 1.000 |  |  |
| FREE | 1XX | Free Elective: Sci Biol w/Lab | T | 4.000 |  |  |
| FREE | 1XX | FREE ELECTIVE: US History II | T | 3.000 |  |  |
| FREE | 1XX | FREE ELECTIVE: CAD - 2D I | T | 3.000 |  |  |
| FREE | 1XX | FREE ELECTIVE: US History I | T | 3.000 |  |  |
| HASS | 110 | NHV Writing Proficiency | T | 2.000 |  |  |
| MATH | 201 | PROBABILITY & STATISTICS | T | 3.000 |  |  |
| Current Term | Attempt Hours 31.000 | Passed Hours 31.000 | Earned Hours 31.000 | GPA Hours 0.000 | Quality Points | GPA 0.000 |

|  |  |  |  |
| --- | --- | --- | --- |
| **INSTITUTION CREDIT** |  |  |  |
| **Term: Fall 2023** |  |  |
| Student Type |  | Academic Standing |
| Continuing |  | Good Standing |
| Additional Standing |  |  |
| Honor Roll |  |  |
| Subject Course | Campus | Level Title | Grade | Credit Hours | Quality R Points |
| CHGN 121 | Main | UG PRIN OF CHEMISTRY I (SC1) | B- | 4.000 | 10.800 |
|  | Campus |  |  |  |  |
| CSCI 128 | Main | UG COMPUTER SCIENCE FOR | B+ | 3.000 | 9.900 |
|  | Campus | STEM |  |  |  |
| CSM 101 | Main | UG FRESHMAN SUCCESS | A | 1.000 | 4.000 |
|  | Campus | SEMINAR |  |  |  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| HASS | 298A | Main | UG | SP TPS: FUTURES | A | 3.000 | 12.000 |
|  |  | Campus |  |  |  |  |  |
| MATH | 111 | Main | UG | CALC FOR SCI & ENGRS I | B- | 4.000 | 10.800 |
|  |  | Campus |  | (MA1) |  |  |  |
| Term Totals | Attempt Hours | Passed Hours Earned Hours GPA Hours | Quality Points | GPA |
| (Undergraduate) |  |  |  |  |
| Current Term | 15.000 | 15.000 15.000 15.000 | 47.500 | 3.166 |
| Cumulative | 15.000 | 15.000 15.000 15.000 | 47.500 | 3.166 |
| **Term: Spring 2024** |  |  |  |  |
| Student Type |  | Academic Standing |  |  |
| Continuing |  | Good Standing |  |  |
| Additional Standing |  |  |  |  |
| Honor Roll |  |  |  |  |
| Subject Course | Campus | Level Title Grade Credit | Quality R |  |
|  |  | Hours | Points |  |
| CSM 202 | Main | UG INTRO STUDENT A 1.000 | 4.000 |  |
|  | Campus | WELLBEING@MINES |  |  |
| EONS 151 | Main | UG CORNERSTONE - DESIGN I A 3.000 | 12.000 |  |
|  | Campus |  |  |  |
| HASS 111 | Main | UG NATURE & HUMAN VALUES A 2.000 | 8.000 |  |
|  | Campus | SF |  |  |
| MATH 112 | Main | UG CALC FOR SCI & ENG II (MA1) C 4.000 | 8.000 |  |
|  | Campus |  |  |  |
| PAGN | 258 | Main | UG | WOMENS ROCK CLIMBING | A | 1.000 | 4.000 |
|  |  | Campus |  |  |  |  |  |
| PHGN | 100 | Main | UG | PHYSICS I- MECHANICS (SC1) | B | 4.000 | 12.000 |
|  |  | Campus |  |  |  |  |  |
| Term Totals | Attempt Hours | Passed Hours | Earned Hours | GPA Hours | Quality Points | GPA |
| (Undergraduate) |  |  |  |  |  |  |
| Current Term | 15.000 | 15.000 | 15.000 | 15.000 | 48.000 | 3.200 |
| Cumulative | 30.000 | 30.000 | 30.000 | 30.000 | 95.500 | 3.183 |
| **Term: Fall 2024** |  |  |  |  |  |  |
| Student Type |  | Academic Standing |  |  |  |  |
| Continuing |  | Good Standing |  |  |  |  |
| Additional Standing |  |  |  |  |  |  |
| Honor Roll |  |  |  |  |  |  |
| Subject | Course | Campus | Level | Title | Grade | Credit Hours | Quality Points | R |
| EONS | 200 | Main | UG | INTRO TO DESIGN | A | 3.000 | 12.000 |  |
|  |  | Campus |  | ENGINEERING |  |  |  |  |
| EONS | 291 | Main | UG | DESIGN UNLEASHED | A | 3.000 | 12.000 |  |
|  |  | Campus |  |  |  |  |  |  |
| MATH | 213 | Main | UG | CALC FOR SCI & ENG Ill (MA1) | C | 4.000 | 8.000 |  |
|  |  | Campus |  |  |  |  |  |  |
| PHGN | 200 | Main | UG | PHYSICS 11-ELCTRMGT/OPTC | B | 4.000 | 12.000 |  |
|  |  | Campus |  | (SC1) |  |  |  |  |
| Term Totals | Attempt Hours | Passed Hours | Earned Hours | GPA Hours | Quality Points | GPA |
| (Undergraduate) |  |  |  |  |  |  |
| Current Term | 14.000 | 14.000 | 14.000 | 14.000 | 44.000 | 3.142 |
| Cumulative | 44.000 | 44.000 | 44.000 | 44.000 | 139.500 | 3.170 |

**TRANSCRIPT TOTALS**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Transcript Totals(Undergraduate) | Attempt Hours | Passed Hours | Earned Hours | GPA Hours | Quality Points | GPA |
| Total Institution | 44.000 | 44.000 | 44.000 | 44.000 | 139.500 | 3.170 |
| Total Transfer | 46.000 | 46.000 | 46.000 | 0.000 | 0.000 |  |
| Overall | 90.000 | 90.000 | 90.000 | 44.000 | 139.500 | 3.170 |

**COURSE(S) IN PROGRESS**

**Term: Spring 2025** Student Type Continuing

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Subject | Course | Campus | Level | Title | Credit Hours |
| CEEN | 241 | Main Campus | UG | STATICS | 3.000 |
| EONS | 292 | Main Campus | UG | DESIGN FOR A GLOBALIZED WORLD | 3.000 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| EENG | 281 | Main Campus | UG | INTRO TO CIRCUITS | 3.000 |
| MATH | 225 | Main Campus | UG | DIFFERENTIAL EQUATIONS | 3.000 |
| **Term : Fall 2025** |  |  |  |  |  |
| Student Type |  |  |  |  |  |
| Continuing |  |  |  |  |  |
| Subject | Course | Campus | Level | Title | Credit Hours |
| CBEN | 310 | Main Campus | UG | INTRO TO BIOMED ENGINEERING | 3.000 |
| CEEN | 311 | Main Campus | UG | MECHANICS OF MATERIALS | 3.000 |
| EBGN | 360 | Main Campus | UG | INTRO TO ENTREPRENEURSHIP | 3.000 |
| EDNS | 310 | Main Campus | UG | SYSTEMS MODELING & DESIGN | 3.000 |
| EDNS | 498A | Main Campus | UG | SP TPS: PROTOTYPE CONC VALiDAT | 3.000 |
| MATH | 225 | Main Campus | UG | DIFFERENTIAL EQUATIONS | 3.000 |



May 10, 2025

To the scholarship selection committee at Empire Electric Association Inc.,

I am writing this letter in support of Taylor LaRose for the Continuing Education Scholarship. You could not choose a better recipient of this support. My work with Taylor spans several years. She has been both my student and my teaching assistant and more recently, I have had the honor of being her advisor on her [Future Energy Scholars](https://futureenergyscholars.mines.edu/) track of distinction at the Colorado School of Mines.

Through my work with Taylor, I have continually seen her pursue unique and important domains of energy resources and technology. What is more, I know her to take everything she experiences and learns and apply it to the communities that need these resources. Taylor has an incredibly balanced and astute understanding of how large and small energy systems are only successful if they are a symbiotic relationship among all producers and stakeholders.

Even though Taylor is a young scholar, I can already see how she is destined to be an impactful leader in the future of Energy. From the first semester I taught her (as an entering freshman), I observed Taylor engage with topics and opportunities. Some of which, like a visit to the National Ice Core Facilities, may not have had an explicitly clear educational objective, but Taylor was able to identify many ways in which they could prove impactful and beneficial. What is more, I noted that her enthusiasm also inspired several different groups of her peers to equally engage with these learning opportunities and discover paths and directions relevant to their own futures. It is for this reason that I have since invited Taylor to be a Teaching Assistant in my large Energy Futures classes at Mines. I trust her to guide the 100+ students in each class through a journey of energy, technology, and engineering discovery.

Taylor was also selected in a blind application review to be part of the inaugural cohort of Future Energy Scholars track at the Colorado School of Mines (only 12 out of 60+ applicants were selected). I was particularly excited to become her advisor through this program. In this role, we regularly meet and I get to see how she identifies next opportunities and continues to pursue her education, experiential growth, and opportunities for impact. She is a leader even amongst her honors peers in how well she is able to identify and pursue her passions and then make these opportunities available to fellow students. For example, last fall, one of my Energy Futures classes visited Southern Colorado to engage with a community rich in Energy history and transition. Taylor was able to make many connections on why this encounter was so exemplary in the energy domain. She then proceeded to help plan and support several additional “Futures Encounters” for multiple classes of students in the spring.

As I said in the intro, I could not imagine a better recipient for this Empire Electric scholarship. When she asked me to write a letter on her behalf, it was an automatic yes from me as I am eager to help her access any support that keeps her on this impactful track.

I fully support her application and encourage you to please consider Taylor LaRose for this opportunity with my complete recommendation.

Sincerely,



Alison Kerr, PhD

*Director of Futures* **Colorado School of Mines** akerr@mines.edu