

2023.012
FF

Student Technology Fee
Grant Proposal Request Form
Fiscal Year 2022-23
Northwestern State University of Louisiana

ALL BLANKS MUST BE FILLED COMPLETELY

Prepared by: Catherine Davidson, Leeann Sticker, Juanita Self For: TI-nspire CX II calculators

Department/Unit: Leesville/Fort Polk College: College of Arts and Sciences Campus: Leesville/Fort Polk

Which NSTEP Goals/Objectives does this project meet? 1, 2, 3, 7, 10

Requested equipment will be located/installed/housed? Building C (Library)

Does the department receive lab fees? The Leesville Campus had only campus dedicated lab fees from ENGL 1010/1020 (\$1500 currently available) and BIOL 2251/2261(\$150 currently available).

Are department property policies and procedures in place for requested equipment? Yes

Which individual will be responsible for property control of the requested equipment?

Signature: Heather Kittle Date: 11/10/22

Proposal Requested Amount: \$1,841.55 Budget Attached: Yes

Proposal delivered to Student Technology Emailed. Date

Incomplete proposals will be returned

Funding from the Student Technology Fee is allocating funds to departments and individual grants, awarded on a competitive basis, which advance the teaching/learning process within the mission of the University. All requests will be considered in this context, as articulated herein and as reflected in the unit's technology plan. Proposals should enable or enhance the ability of Northwestern students to access and assimilate large amounts of information, further their professional competence, and provide state of the art technologies in their field. The nature of, and rationale for, a request for student technology fee allocation must be consistent with the University's and requesting unit's technology plan.

- Funding decisions will be made during the month of December 2022.
- If your grant is approved by STAT, you will be informed via email.

The proposal must include all specifications, description, model number, quotation, cost, state contract number, and vendor for each item. If the proposal does not include all requested information, it will be returned.

1. Describe target audience.

All students at the Leesville/Fort Polk Campus taking MATH 1020 or MATH 1060. This includes students enrolled in the MATH 1021 classes. These students enroll in MATH 1020 and MATH 1021 together when they do not meet the entrance requirements for MATH 1020 alone. These students either do not have a sufficient ACT math sub score or do not have a passing ACCUPLACER score.

2. Describe project/initiative for which you are requesting funds.

To provide students with access to the technology for use in the mathematics classrooms. Students are often not able to purchase the calculator required for mathematics classes due to the high costs associated with them. This would provide students, who are economically disadvantaged, with access to the required technology. This technology is beneficial to students who take the MATH 1021 (college algebra recitation).

3. State measurable objectives that will be used to determine the impact/effectiveness of the project.

1. **To provide students with access to the TI-nspire CX II calculator for use in the classroom.**
2. **To provide remedial students with access to the TI-nspire CX II calculator for use in the computer lab while working on homework assignment and quizzes.**
3. **To provide students with access to the TI-nspire CX II calculator for use during exams.**

4. Indicate how each project objective will be evaluated.

1. **Keeping a record of students that check out the calculators.**
2. **Monitoring grades of students who check out the calculators.**

5. If funded, which NSTEP objective(s) will this funding of this project advance? How will funding of the project advance the University and College/unit technology plan?

NSTEP

1. **To improve access to technology by students, faculty, and staff at Northwestern State University.**
2. **To provide classrooms with updated technology and multimedia.**
3. **To upgrade laboratories with modern technology.**
7. **To encourage technology initiatives by faculty, staff, and students.**
10. **To maintain a technology budget for the University, its colleges, and its directorates.**

Leesville/Fort Polk Campus

The Leesville Campus is dedicated to the University Technology Plan Goals.

2. Provide a justification for funding of this project. Estimate the number of students that will be served per academic year and in what ways. Please also indicate any unique needs of the target group.

Through the years, student have expressed concerns over the rising costs of the calculator that is required for MATH 1020, MATH 1021, and MATH 1060 courses offered on the Leesville campus. In addition, students have also had issues with waiting on calculators they have ordered to be shipped to them. The delay often hinders them when using technology in the classroom since they are not in possession of it. For some students, the cost alone is prohibitive. Our students are more non-traditional and may not qualify for state funding such as TOPS or the Pell grant.

Proctoring students is a primary service of the Leesville/Fort Polk Campus. In each year in the 5 years before 2020 the Leesville Campus served between 1450 to 2350 individual proctoring sessions for students.

For the 2021-2022 academic year, the Leesville/Fort Polk Campus served approximately 420 face-to-face students and provided an additional 1250 individual proctoring sessions.

The student population at the Leesville/Fort Polk Campus consists of a variety of students including dual enrollment school students, traditional students, non-traditional students, active-duty military, retired military, military dependents, and military spouses.

3. List those individuals who will be responsible for the implementation of the project/initiative and indicate their demonstrated abilities to accomplish the objectives of the project.

Catherine Davidson: Mathematics Faculty. Has extensive practical knowledge of the TI-nspire CX II calculator. The instructor uses it daily in her mathematics classes.

Juanita Self: Mathematics Faculty. Has extensive practical knowledge of the TI-nspire CX II calculator. The instructor has used it for her face-to-face and online classes.

Deborah Huntington: Head Cataloguer. Will enter the calculators into Workflows system and have them transferred to the Leesville Campus library.

Heather Ritter: Head Librarian Leesville Campus. The librarian maintains reserves materials for students to check out for a short-term basis. She also maintains materials that cannot be removed from the library.

4. Describe any personnel (technical or otherwise) required to support the project/initiative.

Heather Ritter: Will store and keep track of students that have check out the TI-nspire CX II calculators using Workflows in the library.

Catherine Davidson: Faculty will instruct students during class time and during office hours on the proper use of the TI-nspire CX II calculators.

Juanita Self: Faculty will assist students with the correct operation of the TI-nspire CX II calculators.

5. Provide a schedule for implementation and evaluation.

Once the calculators are delivered to the main library in Natchitoches; they will be entered into the Workflows system. From there, they will delivered/transported to the Leesville campus and stored in the library there. Once they are delivered to the Leesville Campus, they will be available for immediate use by students.

6. Estimate the expected life of hardware and software. Explain any anticipated

equipment/software upgrades during the next five years.

Expected life should be 10 years. No upgrades needed within 5 years.

7. Explain in detail a plan and policy that will be in place to ensure property security/controls for any equipment received through a Student Technology Fee.

If you are requesting equipment that will be either/or checkout to students or moved within the department, you must provide a checkout/loan policy.

All calculators will be secured in the library. Students will be able to check out the calculators for a period of 4 hours. This will be tracked in the Workflows system. If the calculator is returned late, then students will be charged a fee of \$1.00 for every hour it is late.

8. Does the department that is requesting equipment receive lab fees? If so, please provide a justification for requesting funds from tech fee funds over using lab fees from your department.

The Leesville Campus has only dedicated lab fees from ENGL 1010/1020 (\$1500 currently available) and BIOL 2251/2261(\$150 currently available).

9. Attach a detailed budget.

10. Attach two (2) letters of support for the project from the following individuals: the requesting department's Dean, the appropriate Vice President or for student request, the SGA President from the requesting campus.

Budget

Item	Total	Price Each
TI-nspire CX II Calculators	10	\$167.49
Tax	10	\$16.67
Shipping		TBD

Room	Number of Calculators	Total Cost
Library	10	\$1,841.55

Total	\$1,841.55
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Shopping Cart

Delivery based on 70801

Your pickup store:

3116 COLLEGE DRIVE COLLEGE DR & I-10 BATON ROUGE, LA 70808 [Change](#)



Texas Instruments® TI-Nspire Color Graphing Calculator, NSCX2/TBL/1L1
Item # 7276012

- Delivery**
Estimated delivery 1-3 business days
- Store and Curbside Pickup**
1 out of 10 available at your selected store



\$167.49 / each
~~\$1,674.90~~

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\$1		
\$5	\$10	\$20

Order Summary

Subtotal (10 Items):	\$1,674.90
Delivery:	FREE
Estimated Tax:	\$166.65

Estimated Total \$1,841.55

Available Rewards can be applied by logging in at checkout. See More.

FREE Next Business Day Delivery

Feedback



NORTHWESTERN STATE
Department of Mathematics

November 11, 2022

Student Technology Fee
Grants Committee

Dear Colleagues,

I am writing to you to enthusiastically support the grant proposal submitted by Catherine Davidson. We have a similar program on the Natchitoches Campus which has been very successful.

Texas Instruments Graphing Calculators are expensive, and non-traditional students do not always have access to all the financial aid resources available to first-time entering freshmen. These devices, however, are essential to success in core mathematics classes. Having access to calculators that can be checked out of the library will be a great benefit to students on the Leesville/Fort Polk Campus.

Again, I offer my full support to this proposal. Please feel free to contact me if you need further information.

Best,

Dr. Frank Serio, Jr
Department Head of Mathematics
Northwestern State University
serio@nsula.edu

DEDICATED TO ONE GOAL. **YOURS.**[™]

Phone: 318-357-4308 | Fax: 318-357-5063 | 431 Kyser Hall | Natchitoches, LA 71497



NORTHWESTERN STATE

Leesville/Folk Polk Campus

3329 University Parkway
Leesville, LA 71446
O 337.392.3100
F 337.392.3183
leesville.nsula.edu

Student Technology Fee Grant

Selection Committee

Dear Committee:

Please know that I fully support the Student Technology Fee grant proposal submitted by Catherine Davidson to purchase 10 TI-nspire CX II calculators to be used in Math classroom setting. It is my understanding these devices would be checked out within the library on campus. It is imperative that we attempt to provide students with the capability to maintain a high standard of technology driven learning while in an educational setting and work to minimize the expenses of our students.

The overall price of this project is extremely low in comparison to the benefits, making this a very cost-efficient proposal. I know that students have expressed concerns over the cost of these calculators, but they are crucial to their success in the course. These devices are required by the Math department for MATH 1021, MATH 1020, and MATH 1060.

Implementation of this proposal would be perfectly in line with both NSU's and this instructional sites' technology plans. Funding the proposal for this campus would be a wise and forward-thinking use of Student Technology Fees. In light of the above information, I ask that you give this proposal every consideration.

Sincerely,

Martha H. Koury

NSU/Leesville Fort Polk