

**Education Foundation of Lake County, Inc
2018-19 CTE Grant Application
Deadline to Apply: August 31, 2018**

| Basic Project Information | |
|-----------------------------------|---|
| Principal Name: | Mr. Benson |
| School Name: | South Lake High School |
| Teacher Name(s): | Jose R. Padilla |
| CTE Program Name: | Automotive Maintenance and Light repair |
| Grade levels: | 9-12 |
| Number of Students: | 140 |
| Number of Participating Teachers: | one |
| Amount Requested: | \$10,968.96 |

Would you consider this a multi-year project? *(are funds to be used this year that support future efforts and greater impacts to students in subsequent years) If so, please outline multiyear goals and expected measurable metrics.*

Project Abstract *(Describe in 200 words or less your project proposal and outcomes to be measured. Think of this as your elevator speech, what would I say about this project and its potential impact?)*

Preparing my Students Today to be Hot Rodders of Tomorrow:

When students think about taking auto tech, they dream about fast paced, timed Nascar tire changes, and working on the cars of their dreams. The Hot Rodders of Tomorrow Completion blends these dreams will real life auto tech skills, and work place soft skills to engage my students and deepen their marketability and abilities. I am seeking this CTE grant to fund a Engine and engine stand to be used in both direct instruction on engine work and practice for the Hot Rodders of Tomorrow Engine Competition team.

With this grant South Lake High School will be the only school in ALL OF FLORIDA participating in this Nation prestigious and fun competition.

Impact to students is multi-tiered-

- 1.(largest group)-All students in level 2, 3 and above will benefit from skills taught on the engine that will help them to prepare for the ASE G1 certification test 46(about 46 students)
- 2.All upper level students will then learn to compete and will tryout for the competition in teams with advisory community members from local auto businesses'
- 3.Two teams will attend the regional Hot Rodders Competition at the Atlanta Motorama show

Project Detail

In the space below, please provide a detailed outline of your project activities. Please be sure to include the following: Goals and objectives of your project activities, expected timeline for project activities, when certification exams will be taken, etc.

Phase one: from receipt of Engine to January

This grant will be used to start the students in the Hot Rodders of Tomorrow engine challenge. All upper level students, and some selected level one students will learn, engine skills for the G1 test on a real working engine. Specifically the students will learn: to properly disassemble the engine using hand tools only with proper disassembly procedure. Air cleaner, carburetor, distributor, spark plug wires, spark plugs, manifold, headers, heads, lifters, rocker arms, push

rods, timing chain and cover. Oil filter, oil pan, oil pump, and all eight pistons. The cam and crank remain in the block. Then they will learn to put it back together and troubleshoot basic problems. All upper level students will be preparing to take the ASE G1 test at the end of this time.

Phase Two: Choosing a team Jan-Feb

Students will sign up to compete for the competition team. Teams will audition doing a simulation of the above skills and after disassembly the team then goes behind their bench and when called back, begin working to reassemble the engine once again with correct assembly procedure and all fasteners torque to specification, all while being viewed by judges and spectators. For team selection the judges will consist of Advisory council members.

Phase Three: April 27-28 2019

Student teams will be announced, and practice times will occur afterschool. Students will attend the Hot Rodders of Tomorrow Engine Competition (and hopefully win) This will provide them with the following benefits:

- Engine teardown and rebuild knowledge
- Access to scholarships to extend their learning at the following schools
 - Universal Technical Institute (UTI) - for profit - Orlando
 - School of Automotive Machinist (SAM) - TX
 - University of Northwestern Ohio (UNOH) - OH
 - Ohio Technical College (OTC) - OH
- Students will develop soft skills such as teamwork, time management, leadership skills and a competitive spirit.
- This will also help students work on their focus and enthusiasm

Outcome Measures

Outcomes (change/improvement in knowledge, behavior, skills scores)

What certifications are offered through this CTE program?

This program works towards the following ASE certification:

- G1 – Auto Maintenance and Light Repair
- A4 – Suspension & Steering
- A5 – Brakes
- A6 – Electrical/Electronic Systems

What is your target number of students receiving certifications that you are trying to reach?

The target students for this competition are select first year students and second thru fourth year students. The students would compete in a local competition to earn their positions on a team for regional and national competition. This local tryout competition would be judged by local business partners. We would be the only school in Florida competing and would bring attention to the district and to South lake High School. Students would be eager to compete in this competition to be able to earn some of the \$4,2 million dollars in scholarship vouchers by participating in the HROT National Championship. Hot Rodders of Tomorrow has 4 College partners SAM (School of Automotive Machinist), UNOH (University of Northwestern Ohio), OTC (Ohio Technical College), and UTI (Universal Technical Institute). The competitions are held at Regional PRI (Performance Racing

Industry) trade shows and the Championship is held at SEMA (Specialty Equipment Market Association).

The competition portion of this program is so exciting it can only be fully understood in action. I am including some links to videos to further explain this program.

https://www.youtube.com/watch?time_continue=253&v=WARkg5EK47I

<https://www.youtube.com/watch?v=OSTXG9wBRsS>

<https://www.youtube.com/watch?v=QqegwllbyR8>

Attached please find the quote for the engines and equipment.

Budget

Please do not submit a budget item that does not fit a category below or one that has not been approved by the EFLC staff. It will only delay the processing of your application.

NO GENERAL ADMINISTRATIVE OR INDIRECT CHARGES MAY BE APPLIED TO THIS GRANT.

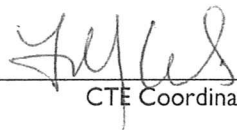
Allowable expenditures include: training/conferences, professional and technical services, classroom materials, computer software, computer hardware, other equipment, program supplies, and printing
Non-Allowable expenditures include: administrative expenses, capital improvements, support of interscholastic athletics, refreshments, transportation, food items, decorative items, awards for outstanding service, and the entertainment of dignitaries.

| Category of Expenditure | Amount | Category of Expenditure | Related Activity |
|---|-------------------------|-------------------------|------------------|
| Professional Contracted Workers (i.e. stipend workers, trainers, work for fee etc.) | | | |
| Program supplies | | | |
| Computer Software | | | |
| Computer Hardware* | | | |
| Other Equipment (not computers) | <u>10,968.96</u> | | |
| Printing | | | |
| Tuition/Training/Conferences/Admission | | | |
| Room Rental Fees | | | |
| TOTALS | <u>10,968.96</u> | | |

Key Terms:

| | |
|--|---|
| Category of expenditure (<i>Short description for categories of expenses</i>) | Related Activity (<i>What activity does this support in the grant? i.e. classroom project, training, computer project, etc.</i>) |
|--|---|

Program Approved By: _____ and _____ and
 Risk Management Operations


 CTE Coordinator

(Request must be approved by all three departments before being submitted to the Foundation).

Requesting party has read and agrees with the funding policies of the Educational Foundation.

Industry) trade shows and the Championship is held at SEMA (Specialty Equipment Market Association).

The competition portion of this program is so exciting it can only be fully understood in action. I am including some links to videos to further explain this program.

https://www.youtube.com/watch?time_continue=253&v=WARkg5EK47I

<https://www.youtube.com/watch?v=OSTXG9wBRSs>

<https://www.youtube.com/watch?v=QqegwllbyR8>

Attached please find the quote for the engines and equipment.

Budget

Please do not submit a budget item that does not fit a category below or one that has not been approved by the EFLC staff. It will only delay the processing of your application.

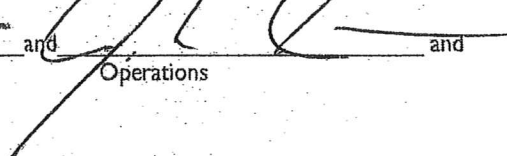

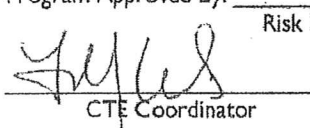
NO GENERAL ADMINISTRATIVE OR INDIRECT CHARGES MAY BE APPLIED TO THIS GRANT.

Allowable expenditures include: training/conferences, professional and technical services, classroom materials, computer software, computer hardware, other equipment, program supplies, and printing
Non-Allowable expenditures include: administrative expenses, capital improvements, support of interscholastic athletics, refreshments, transportation, food items, decorative items, awards for outstanding service, and the entertainment of dignitaries.

| Category of Expenditure | Amount | Category of Expenditure | Related Activity |
|---|------------------|-------------------------|------------------|
| Professional Contracted Workers (i.e. stipend workers, trainers, work for fee etc.) | | | |
| Program supplies | | | |
| Computer Software | | | |
| Computer Hardware* | | | |
| Other Equipment (not computers) | 10,968.96 | | |
| Printing | | | |
| Tuition/Training/Conferences/Admission | | | |
| Room Rental Fees | | | |
| TOTALS | 10,968.96 | | |

Key Terms:

| | |
|--|---|
| Category of expenditure (Short description for categories of expenses) | Related Activity (What activity does this support in the grant? i.e. classroom project, training, computer project, etc.) |
|--|---|

Program Approved By: ^{*} Lauren DeRidder ©2014 Licensed by Lauren DeRidder
 214 Cox-Caines Dr #104, P.O. Box 4436 County School, 04063
 Management, 2014-01-06 14:23:13, 14:23:13
 Code: 20140203 14:23:13 4927 and  and 
 Risk Management Operations

 CTE Coordinator

(Request must be approved by all three departments before being submitted to the Foundation).

Requesting party has read and agrees with the funding policies of the Educational Foundation.

* If approved, please reach out to Risk Management for assistance in developing safety protocols.

Principal's Signature: St. W. B. II Date: 8/31/18

Email: bensons@lake.k12.fl.us

To be completed by foundation staff/board

Program meets Foundation Mission/Funding Policy: Yes or No

Visioning Committee Recommendations: _____

Executive Board Recommendations: _____

_____ Approved _____ Denied

_____ Date _____ President Signature

Please submit the completed application to:
Educational Foundation of Lake County, Inc
2045 Pruitt Street
Leesburg, FL 34748

Or

Email: Cullen-battc@lake.k12.fl.us

- All funds must be used by May 1, 2019. A final program evaluation must be submitted by May 15, 2019.
-
-