Education Foundation of Lake County, Inc
2019-20 CTE Grant Application

- All funds must be used by May 1, 2020. A final program evaluation must be submitted by May 15, 2020. If the applicant misses the deadline but submits a final grant report by September 30th, they will be eligible to apply after one academic year. Applicants that do not submit a final grant report by the deadline of September 30th will not be considered for future funding.

Deadline to Apply: September 30, 2019

Basic Project Information

Principal Name:	Julie Robinson-LueAllen
School Name:	East Ridge High School
Teacher Name(s):	Rees
CTE Program Name:	Applied Cyber Security
Grade levels:	9-12
Number of Students:	150
Number of Participating Teachers:	1
Amount Requested:	$10,000

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?)
Create an interactive (off-the-grid) network for students to test their knowledge and skill level of network administration and cyber security. The project will involve the students building the computers (from the ordered parts for the computers), installing the O.S., setting up the network, and securing the system. Finally, we can run a red Vs blue team allowing students to experience real life attacks and how to defend against them. Finally, students that pass all certifications offered by the Applied CyberSecurity program will receive one of the computers they built for the network, to take home as their own.

This will allow students to develop deeper knowledge and experience for CyberSecurity techniques. Through this experience, students will be more motivated and prepared for the CompTia Security+ Certification.

Project Detail

In the space below, please provide a detailed outline of your project activities. **Please be sure to include the following:** 1) Goals and objectives of your project activities, 2) expected timeline for project activities, 3) when certification exams will be taken, 4) additional information pertaining to your request.

The Goals for this project will be for students to develop hands-on real-life experiences with computers, networks, and security. Students will learn how to safely handle computer components, build a computer, install operating system, setup computers a Client/server based network, and experience real-life scenarios for network and cyber security.

Students will also have the opportunity to take and pass CIW Network Technology Associates, CIW Web Security, CompTia A+, CompTia Network+, and CompTia Security+ industry certifications.

Outcome Measures

What certifications are offered through this CTE program (*is this a new or current certification offered at your school)?* CIW Network Technology Associates,
CIW Web Security, CompTia A+, CompTia Network+, and CompTia Security+ industry certifications.

How many students will participate in this CTE program?
145

What is your target number of students that will receive an industry certification?
115

Program Approved By: _____Julie M. Robinson-Lueallon_____ ~~CjeRtL~~
                                                          Principal

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

Signed: _____Justin Rees_____
(Person completing the grant application)

Date: _____9/24/19_____

Printed Name: _Justin Rees_

Email: _reesj@lake.K12.fl.us_

Please complete all information requested on the application. Incomplete applications will not be processed for review.

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 *(Short description for categories of expenses)*
Professional Contracted Workers (i.e. stipend workers, trainers, work for fee etc.)		
Program supplies	$4,000	TestOut Professional training simulator "Labsim" site license.
Computer Software		
Computer Hardware	$6,000	Parts needed to build 5 to 10 computers.
Other Equipment (not computers)		
Printing		

Category of Expenditure	Amount	Category of Expenditure *(Short description for categories of expenses)*
Tuition/Training/Conferences/Admission		
Room Rental Fees		
TOTALS	10,000	

To be completed by foundation staff/board

Program Approved By: _____ and _____ and
                           Risk Management   Operations

_____
       CTE Coordinator

To be completed by foundation staff/board

Program meets Foundation Mission/Funding Policy: Yes   or   No

Visioning Committee Recommendations: _____

Executive Board Recommendations: _____

_____ Approved   _____ Denied

_____
                             President Signature
   Date

Please submit the completed application via mail or jack rabbit to:
Educational Foundation of Lake County, Inc
2045 Pruitt Street
Leesburg, FL 34748
Or
Email: Cullen-battc@lake.k12.fl.us