

**Application Form
Fluke Connect Student Contest**

Please answer all questions. Feel free to add additional pages or supporting material.
Email application and business case submission form to **education@ fluke.com**
Materials are due to Fluke Corporation by **November 18, 2016 at midnight PST.**

Name of school or training center: _____

School or training center department:

Mailing address _____

City/State/Zip _____

Telephone: _____

Email address: _____

Name of team adviser: _____

Names of all team members:

- 1. _____
- 2. _____
- 3. _____
- 4. _____
- 5. _____

**Fluke Connect Student Contest
Business Case Submission Form**

1. What's your project idea? Provide an overview of your idea, telling us how you thought of the problem you want to solve/troubleshoot or process improvement you want to make, and what your hypothesis is, regarding the savings/improvements you expect.

2. Which Fluke Connect tools would you need to use to accomplish your goal? Please indicate how many of each specific tool model. **You can select up to ten different tools models. Please see tool limits for each model.** For more information about wireless tools. Visit: <http://connect.fluke.us/shop>

Note: The finalist teams will be provided with a unique code to download the software, Fluke Assets, but will need to download the free Fluke Connect app on the iTunes or Google Play app stores.

- Fluke Connect Modules (Have screens for instant readings and can log over time. Need to download information via phone):

- v3000 FC, AC Voltage Module _____
- v3001 FC, DC Voltage Module _____
- a3000 FC, AC Current Module _____
- a3001 FC, iFlex AC Current Module _____
- a3002 FC, AC/DC Current Clamp base (compatible with i410 and i1010 Fluke current clamp accessories) _____
- t3000 FC, K-Type Temperature Module _____

- Fluke Connect Condition Monitoring Sensors (No screens, 24/7 steaming, readings taken up to every second. Need access to WIFI or Ethernet and a Gateway Router):

- 3501 FC Gateway (limit one per team) _____
- 3510 AC Voltage Sensor _____
- 3511 DC Voltage Sensor _____
- 3520 AC Current iFlex Sensor _____

- 3521 DC 2000A Current Sensor ____
 - 3530 K-Type Temperature Sensor ____
 - 3530 3 Phase Power Monitor (Limit one per team) ____
 - TiS75 Infrared Camera, with the Fluke wireless SD card (each team will be given one imager)____
 - 789 process meter (limit one per team) ____
 - 279 Thermal Multimeter (limit one per team) ____
 - 1587 insulation tester (limit one per team)____
 - 376 clamp meter ____
 - 805 vibration meter (limit one per team) ____
 - 902 HVAC Clamp meter ____
3. Describe/list the steps and measurements your team would take. How will you document what you do?
 4. How do you anticipate that using the Fluke Connect software, app, and tools will impact business? For example, what is the change before/after using Fluke Connect as demonstrated by what kind of Metric? Sample metrics include hours to complete job, cost of parts, estimated years life extension of equipment, reduction in load draw extrapolated into energy use reduction. You can reference work orders, energy usage reports and other collateral that showcase time or costs savings.
 5. Why do you think the Fluke Connect software, wireless tools, and smart phone app will make a difference, compared to existing technology / methodology? AKA, why can't your project/improvement be accomplished without Fluke Connect? Why should it be used by technicians in plant, industrial, and commercial settings.
 6. How would you present your findings and your recommendation for workflow/process change? Fluke provides a report-out template, but you are free to expand upon that using other industry-standard reporting tools, photos, video, and so forth.

By entering into this Contest and submitting your Submission, you grant to Sponsor, and its successors, assigns, licensees, representatives, and agents, a perpetual, irrevocable, royalty-free, non-exclusive, worldwide right and license to publish, reproduce, display, perform, distribute, adapt, edit, modify, translate, create derivative works based upon, and otherwise use and sublicense your Submission and all other Contest materials, or any portion thereof, in connection with the Contest and for other entertainment, instruction/education, advertising, marketing and promotional purposes, and to incorporate Submissions and Contest materials, in whole or in part, into other works in any manner, form, media or technology now known or later developed. You agree to take, at Sponsor's expense, any further action (including, without limitation, execution of affidavits and other documents) reasonably requested by Sponsor to effect, perfect or confirm Sponsor's rights as set forth above in this paragraph. You will not be entitled to compensation for any use by Sponsor, or its agents, licensees or assignees, of your Submission or Contest materials. Submissions and all other Contest materials will not be returned to entrants.

I have read the above and agree to the terms of the contest.

Signature of Adviser & Date

Signature of Team Member & Date

Signature of Team Member & Date

Signature of Team Member & Date

Signature of Team Member & Date

Signature of Team Member & Date