

# 2020 IEC Foundation Equipment Grant Request

## RFP & Process to Apply

### Overview:

The IEC Foundation (IECF) is dedicated to supporting IEC chapter educational campuses from coast-to-coast. The IECF works with industry partners of the IEC National association to help secure corporate donations of materials and equipment for updating the student labs in IEC campuses on an annual basis through the IEC Foundation Equipment Grant program.

### Equipment Grant Request RFP Guidelines:

The IEC Foundation is happy to invite all IEC chapters to apply for the 2020 Grants through this Request for Proposals (RFP) beginning January 1, 2020. To apply, please review and complete the following Grant Request Submission Form. Please note that the deadline for chapters to submit the 2020 Equipment Grant Request is **February 1, 2020**. Chapters will be notified of the final status of their Equipment Grant Request by April 15, 2020 and chapters being awarded grants will receive their equipment by late summer 2020.

### Grant Request Submission Guidelines:

A complete IECF Equipment Grant Request from IEC chapters should include the following elements:

#### **1) Written Narrative of Request (less than 2 typed pages), including (grants submitted without this typed narrative will not be processed):**

- What problems, needs, or issues will this equipment grant request address?
- Is the equipment requested being used for the labs outlined in our IEC apprenticeship curriculum?  YES  NO

If no, please explain.

- What strategy and timeline will your chapter follow in the installation of the equipment requested in this RFP submission?
- List the number of Apprentices in each program year.
- List the number of Workstations in each program year.
- Share your communications plan for sharing with your students, members, and/or local media the benefit to your chapter and students, if equipment were awarded.

#### **2) Equipment Grant Request Itemized Form(s)**

- Please review the appended, IEC National Student Lab Materials List (also below) for consulting the materials and equipment that have been identified for student labs, as part of the IEC 4-year electrical apprenticeship curriculum. This will help guide you in taking inventory of your student labs and identifying items for completing the Itemized Form(s) of this grant request.
- Complete the 2020 Equipment Grant RFP Request Itemized Form (below) to clearly document the equipment requested for your full submission. Please reproduce additional pages of this form, as needed.
- Key to note, at this time, **ONLY Eaton and Schneider Electric/Square D** equipment numbers and items are the equipment parts that may be requested for the 2020 submission. Eaton and Schneider Electric/Square D provides distribution and control equipment through the Foundation. Catalog items are the equipment and parts that may be requested for the 2020 submission.

### **Submitting Your 2020 IECF Equipment Grant Request:**

- Send your completed 2020 IECF Equipment Grant Request packet, typed narrative and all attachments via email to LaNa Al-Amin, IECF Program Coordinator, at [foundation@ieci.org](mailto:foundation@ieci.org)
- If you have any questions or comments regarding 2020 Equipment Grant Requests, please contact LaNa Al-Amin at (703) 650-0048 or [foundation@ieci.org](mailto:foundation@ieci.org)

# 2020 EQUIPMENT GRANT RFP REQUESTFORM

Due February 1, 2020 to [foundation@ieci.org](mailto:foundation@ieci.org)

**This application must be typed hand-written applications will not be accepted.**

**IEC Chapter:** \_\_\_\_\_  
**Contact:** \_\_\_\_\_  
**Phone #:** \_\_\_\_\_ **Email:** \_\_\_\_\_

**Chapter** \_\_\_\_\_  
**Contact:** \_\_\_\_\_  
**Phone #:** \_\_\_\_\_ **Email:** \_\_\_\_\_

**Shipping Address:** \_\_\_\_\_

Please duplicate and complete this page as needed to complete your request. Do not submit the list of suggested parts that follows these pages. Do not submit without a 1-2 page narrative.

<b>PRODUCT DESCRIPTION</b> (Please indicate if this is a request of new equipment for your student lab(s) -OR- replacement	<b>BRAND</b> (Eaton or Schneider	<b>INDICATE LAB YEAR</b> (1 <sup>ST</sup> , 2 <sup>ND</sup> , 3 <sup>RD</sup> ,	<b>CATALOG #</b> (REQUIRED	<b>QT Y</b> Requ
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**IEC Electrical Apprenticeship Materials Identified for Student Labs as part of IEC Curriculum**

\*\* Quantities listed are the recommended number of components per lab “station” \*\*

Do not submit this form with your grant it is to be used as a reference only.

**YEAR 1 Student Lab Recommended Equipment**

<b>Quantity</b>	<b>Description</b>
2	Switch toggle – SPST
2	Switch toggle - SPDT - 3 way
1	Switch toggle - - 4 way
1	Switch toggle - DPST - 2 pole
1	Switch toggle - DPDT - center off
1	Switch toggle - pilot light
1	Switch toggle - 1PDT momentary
1	Switch toggle - 3PST
1	Switch door - Push button
2	Switch/Fusible and Non Fusible - Air Conditioner - 2P
2	Receptacle - Duplex - 15 amp
2	Receptacle - Duplex - 20 amp
1	Receptacle - Single -15 amp
1	Receptacle - GFCI - 15 amp - tamper resistant
1	Receptacle - GFCI - 15 amp - weather resistant
2	Receptacle - AFCI - 15 amp
1	Receptacle - Dryer - 30 amp 3 pole 4 wire
1	Receptacle - Range - 50 amp 3 pole 4 wire
1	Receptacle - Isolated Ground
1	Receptacle - energy management
1	Receptacle - hospital grade
1	Fan/Light combination
1	Door Chime Kit
1	Detector – Smoke
1	Detector - CO/Smoke combo
1	Meter Base with hub - hub 2"
1	Circuit Breaker Panel - Main Breaker 6/12 (Specify Eaton or Schneider)
1	Circuit Breaker Panel - MLO 6/12 (Specify Eaton or Schneider)
1	Ground Bar Kit (Specify Eaton or Schneider)
1	Pipe Connector - compression 2"
1	Service Entrance Cable Connector Water Tight 2"
2	Service Cable Connector - Clamp type 2"

2	Service Cable Connector – Straps
2	Service Conduit Supports - Straps.
1	Weather head - conduit style 2"
1	Weather head - Service Cable style
1	Circuit Breaker - Single Pole 15 amp (Specify Eaton or Schneider)
1	Circuit Breaker - Single Pole 20 amp (Specify Eaton or Schneider)
1	Circuit Breaker - 2Pole 30 amp (Specify Eaton or Schneider)
1	Circuit Breaker - 2Pole 50 amp (Specify Eaton or Schneider)
1	Circuit Breaker - GFCI 15 amp (Specify Eaton or Schneider)
1	Circuit Breaker - AFCI 15 amp (Specify Eaton or Schneider)
1	Circuit Breaker - Twin or Tandem 15 or 20 amp (Specify Eaton or Schneider)
1	Circuit Breaker - 2 pole, GFCI 15 amp (Specify Eaton or Schneider)
1	Conduit Bender - 1/2" EMT
1	Water pipe clamp
1	Ground rod clamp

**IEC Electrical Apprenticeship Materials Identified for Student Labs as part of IEC Curriculum**

**YEAR 2 Student Lab Recommended Equipment**

<b>Quantity</b>	<b>Description</b>
1	Eaton or Square D Safety Sw. 600 volt, 30 amp., 3 phase (Non-fusible)
3	Eaton or Square D Transformer 240/480 v. pri. 120/240 v. sec. (Transformer can be a .500 VA)
1	Eaton or Square D Disconnect or Panel - 3 phase (This Item can be a 150 amp or less panel.)
60	Terminal (Equivalent to Konnect-it kn-12GRY)
10	Terminal End Stops (Konnect-It Kn-ECT6GRY)
6'	Din rail

**YEAR 3 Student Lab Recommended Equipment**

<b>Quantity</b>	<b>Description</b>
2	Oiltight Push buttons 1NO/1NC Red
2	Oiltight Push buttons 1NO/1NC Green
2	Oiltight Ind. Lights - Red
2	Oiltight Ind. Lights - Green
1	Oiltight Selector Sw
1	Relay with socket DPDT - Din rail mount
3	Relay with socket 4PDT - Din rail mount
1	Limit Sw 1NO/1NC with operator
1	Limit Sw 2NO/2NC with operator
1	Enclosure 4 - hole B-Line PV4 or equal
1	Enclosure 3 - hole B-Line PV3 or equal
1	Full Voltage Starters 600V, Size 00, 120V Coil
1	Full Voltage Reversing Starters 600V, Size 00, 120V Coil
6	Thermal Overloads Type SA
2	Auxiliary Contacts, External Field Convertible 1- N.O.
2	Auxiliary Contacts, External Field Convertible 1- N.C.
2	Auxiliary Contacts, External Field Convertible 1- NC/1-NC
1	Reversing Drum Switch 600V
1	Manual Switches Non-Reversing 3-pole
6'	Din Rail
100	Terminal Blocks
20	Terminal Blocks - End Blocks
1	Fuse blocks (4-pole)
4	Fuses 1/2 amp or less
1	Phase Failure Relay /w/ socket (MSP) - Din rail
1	Motor - small 3 phase - 1/2 HP or less

**IEC Electrical Apprenticeship Materials Identified for Student Labs as part of IEC Curriculum**

**YEAR 4 Student Lab Recommended Equipment**

<b>Quantity</b>	<b>Description</b>
1	Timer with socket - Din rail mount
1	Timer with socket - On Delay - Din rail mount
1	Timer with socket - Interval - Din rail mount
1	Timer with socket - Recycle - Din rail mount
1	Timer with socket - Off Delay - Din rail mount
1	Timer with socket - One Shot - Din rail mount
1	Proximity Sensor
1	Photo Electric Sensor