

# A GUIDE TO EMERGENCY RELIEF FUNDS

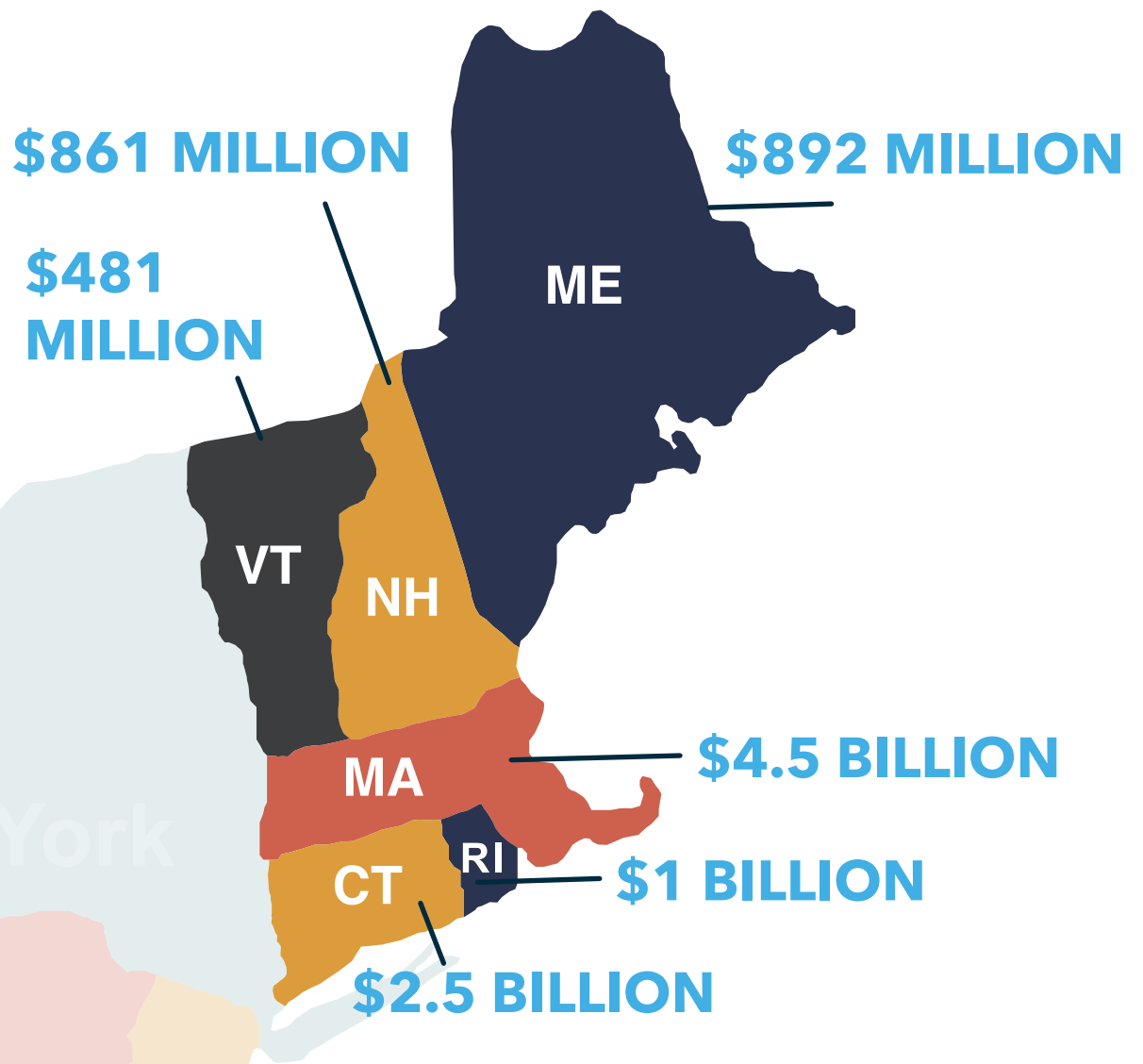


For CTE Programs  
and Higher Ed  
Engineering Labs

# TOTAL EDUCATION FUNDING BY STATE

Approximately \$10 billion in federal emergency relief funds have been allocated to support educational institutions, staff, and students in New England. It's likely your school or university has been awarded funds, and you may be able to influence how to spend some of the money.

This guide will provide you with information and ideas for how the funds can support career and technical education programs or higher ed engineering labs.



# WHAT ARE THE EMERGENCY RELIEF FUNDS?

Three federal laws have provided emergency aid to states, local education agencies, and schools. At a high level, their purpose is to help reopen schools safely, maximize in-person instructional time, and address the impact of the COVID-19 pandemic on students, educators, and families.

**CRRSA Act** - Coronavirus Response and Relief Supplemental Appropriations Act, December 2020

**CARES Act** - Coronavirus Aid, Relief, and Economic Security (CARES) Act, March 2020

**ARP Act** - American Rescue Plan, March 2021

The following emergency relief funds have come out of those three laws.

## **ESSER**

Elementary and Secondary School Emergency Relief Fund

**HEERF** - Higher Education Emergency Relief Fund

**GEER** - Governor's Emergency Education Relief Fund



# HOW CAN THE FUNDS BE USED?

There is a range of ways these funds can support education at the regional, school, educator, and student level. These are the allowable uses for the funds that are related to CTE programs and higher ed engineering labs, which may vary by state.

## ESSER: For K-12

Any activity authorized by the Carl D. Perkins Career and Technical Education Act.

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Technology for online learning.

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Education technology (including hardware, software, and connectivity).

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Construction activities, including renovations or remodeling.

## HEERF: For Higher Ed

Additional technology hardware or fees for students, such as laptops or tablets.

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Instructional equipment and supplies (such as laboratory equipment or computers) to reduce the number of students sharing equipment or supplies during a single class period and to provide time for disinfection between uses.

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Faculty and staff training in online instruction.

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Equipment or software to enable distance learning.

## GEER: At the Governor's Discretion

A broad range of activities to prevent, prepare for, and respond to the COVID-19 pandemic, including those activities allowed under ESSER.



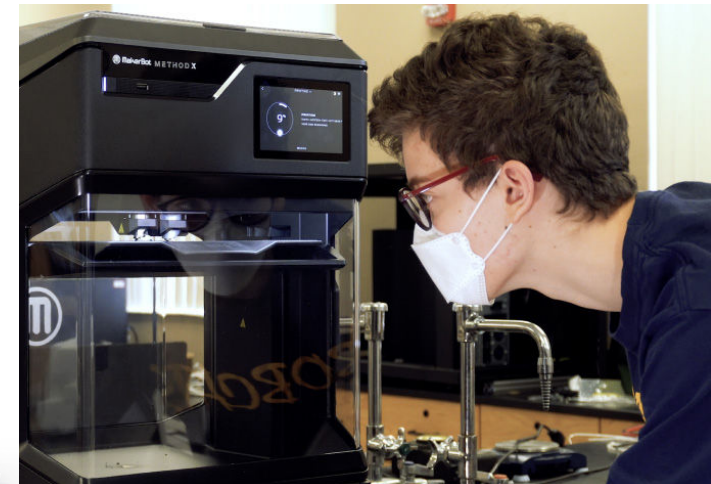
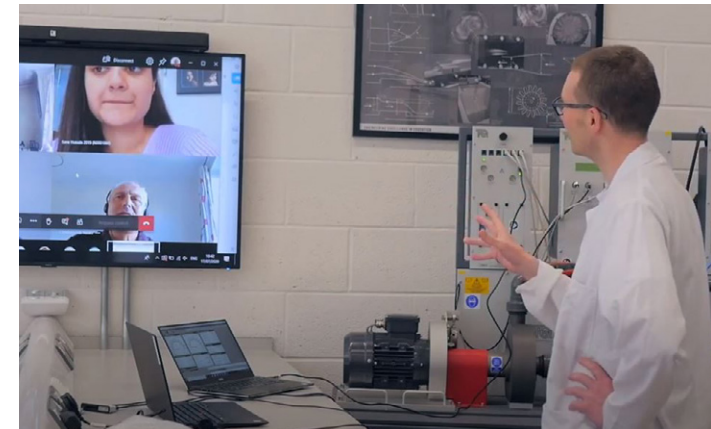
# WHAT DOES THIS MEAN FOR YOUR PROGRAM?

There are several product solutions that you may be able to purchase with these funds. They will improve your classroom and prepare students for career pathways.

	PRODUCT	DESCRIPTION	SUBJECTS
PERKINS ACTIVITIES	Festo Industry 4.0 Certification Program	Compact and modular hands-on training systems for students working in socially distanced settings.	Mechatronics, Robotics, Electrical, Electronics and Controls
	Universal Robots Collaborative Robots	Offline programming in combination with hardware to allow for simultaneous remote learning with a collaborative robot.	Robotics, Automation, Industry 4.0
	MakerBot 3D Printers	At scale remote 3D modeling and 3D printing solutions.	CAD, Engineering, Makerspace
TECHNOLOGY OR EQUIPMENT FOR ONLINE AND DISTANCE LEARNING	Festo LX	Online portal for teachers and learners to access and create a customized learning experience.	Mechatronics, Robotics, Electrical, Electronics and Controls
	TecQuipment VDAS e-Lab	Interactive laboratory experiments using remote hardware.	Mechanical, Civil, Chemical Engineering
	Quanser Interactive Labs	Interactive laboratory experiments using virtual hardware.	Robotics and Controls Engineering
	Mimbus VR	Virtual reality content for industrial trades.	Electrical Technology, HVAC/R, Carpentry, Safety
	CM Labs	Simulation-based training for heavy construction industry.	Heavy Construction Vehicle Training
	GrabCAD Shop	Remote 3D printing and management platform.	CAD, Engineering, Makerspace
	zSpace	Immersive VR/AR learning solutions.	Robotics, Advanced Manufacturing, Automotive, Welding, Health Sciences
	EDUCATIONAL TECHNOLOGY AND EQUIPMENT	OneScreen	Interactive whiteboard and video conferencing solutions for the classroom.
HP Reverb - VR Headsets		For students to perform virtual content in a remote or socially distant setting.	All subjects

# WHAT'S NEXT?

If you're interested in pursuing these funds for your program or lab, AET Labs can help. We'll work with you to determine the right product solution for your situation. And we can help you build a narrative to bring to your administration to help support classroom and student activities with these solutions.



# AET Labs

**Helping  
New England Educators  
to Prepare Today's Students  
and Tomorrow's Workforce**

AET Labs is an advisor and value-added reseller inspired to bring real-world industry experience to education with end-to-end technology lab solutions. We design, outfit, and support technical labs for education. As a team of application specialists, service technicians, and knowledgeable consultants, we combine experience, curated product lines, and the ability to implement with professionalism and a future-thinking approach. We have partnered with New England education visionaries since 2005 and value educating future generations.

## OUR FORMULA FOR HELPING EDUCATORS CREATE SUCCESSFUL LABS INCLUDES:



A Dedicated Team  
of Tech Consultants



Grant Identification  
Services



Design, Planning, and  
Equipment Solutions



Ongoing Educator  
Support and Training



Industry-Recognized  
Certification Programs



Local Technical  
Support

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