# Superintendent’s Memo #104-19

[](http://www.doe.virginia.gov/administrators/index.shtml)  
**COMMONWEALTH of VIRGINIA  
Department of Education**

DATE: May 3, 2019

TO: Division Superintendents

FROM: James F. Lane, Ed.D., Superintendent of Public Instruction

## SUBJECT: Announcing Summer Professional Development Institute for Technology and Engineering Educators

The Virginia Technology and Engineering Education Association (VTEEA), in collaboration with Roanoke County Public Schools, is pleased to offer the [2019 Technology Education Summer Professional Development Institute](https://www.vteea.org/annual-conference), at the Hotel Roanoke, Roanoke, Virginia,

July 23-25.

Featured 2019 Institute workshops:

* Using Engineering by Design: the lesson plans, materials and assessments are available!
* Manufacturing Systems: are your classes up to speed? What can you add?
* Preparing Students for a Robotic Future: will your students be ready for robotics and artificial intelligence?
* Real World Applications: designing an aerodynamic drone
* Microcontroller: Arduino 101; start at the beginning; your students can code it!
* Advanced 3D Printing - learn new trends for additive manufacturing
* Middle School Courses: join panels to discuss these programs
* Animation with the Maya software: free and powerful software
* Technical Drawing and Design panel: discuss all the programs
* Join the elementary sessions for new ideas!

[K-5 Strategies for Implementing Children’s Engineering](https://drive.google.com/file/d/0Bw7JNX4u4wbYXzVob3FmMlZpRHI3c0NWbzVudmVrY21sUmFN/view) – This five-day professional development workshop/course is designed to provide deeper learning experiences that focus on the 5 C’s of the Profile of a Virginia Graduate and the attainment of the Virginia Standards of Learning. K-5 teachers and instructional leaders will develop strategies for enhancing classroom instruction.

The Institute [registration](https://www.vteea.org/annual-conference) is open and teachers are encouraged to preregister early, as workshop space is limited. Participants are responsible for travel-related expenses and lodging, if needed. This is an allowable expenditure of federal Perkins funds as long as it is included in the approved local plan. Participants should bring a laptop for use at workshops.

If you have any questions, please contact Danielle Meyer, VTEEA President, at [danielle.meyer@apsva.us](mailto:danielle.meyer@apsva.us) or by telephone at (703) 228-6200; or Dr. Lynn Basham, Specialist for Technology Education and Related Clusters, Office of Career, Technical, and Adult Education, at [cte@doe.virginia.gov](mailto:cte@doe.virginia.gov) or by telephone at (804) 225-3119.

JFL/GRW/aab