

# 2018 Summer Graduate Course/Workshop

## Children's Engineering: K-5 Strategies for Implementation

This hands-on interactive course is designed for teachers in grades K-5. Participants will learn to use design, engineering, and technology instructional resources to enhance children's attainment of the Virginia Standards of Learning in science, mathematics, social studies/history and language arts. Emphasis will be placed on the Profile of a Virginia Graduate, including elementary school exploration of career clusters and career pathways.

The course will engage participants in critical thinking and problem solving experiences that contribute to a child's ability to retain the content and apply the skills in the Standards of Learning.

Participants will discover how easy it is to integrate Children's Engineering into the existing curriculum as a strategy for increasing children's academic success. Teachers will take home product samples, design briefs, and ideas for enhancing their daily instruction. These resources will not be an add-on to the curriculum, but enhance the instructional program.

**Save the date!!!**  
**Graduate Course/Workshop**  
**K-5 Children's Engineering**  
**July 23 – 27, 2018**

**Discovery Elementary School**  
**5241 36th St North, Arlington, VA 22207**

*For more information, contact:*

- ◆ Kelley Davis, [jazmined35@yahoo.com](mailto:jazmined35@yahoo.com)
- ◆ Linda Harpine, [lharpine@rockingham.k12.va.us](mailto:lharpine@rockingham.k12.va.us)
- ◆ Patti Fazzi, [patriciafazzi@aol.com](mailto:patriciafazzi@aol.com), 804 854-3454

**Registration Form**

<http://childrensengineering.org/workshop/SummerWorkshop2018.pdf>

### James Madison University Course Information

**Graduate Course Title:** *Children's Engineering (501)*

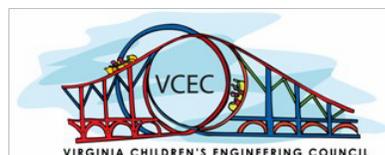
- \* JMU - 3 graduate credits, 90 recertification points
- \* JMU 2017 Tuition - \$846 (2018 fees pending)
- \* JMU Non-refundable Application Fee - \$20
- \* VCEC Materials Fee \$75

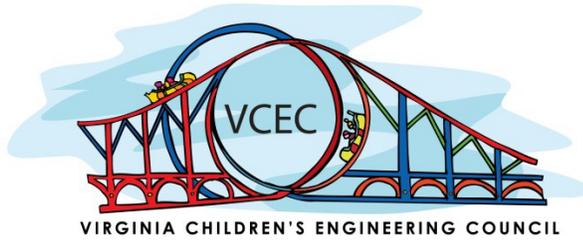
### VCEC Professional Development Information

- \* Non-college credit, 45 recertification points, \$395

**Registration deadline: July 1, 2018**

**Sponsored by:**





**Summer Professional Development Opportunity  
July 23 – July 27, 2018**

**Workshop Title: K-5 Children's Engineering**

**Non-College Credit Registration Form**

**Name: (First)**  **(Last)**

**Title:**

**Address:**

**City:**  **State:**  **Zip:**

**Work Phone:**  **Home Phone:**

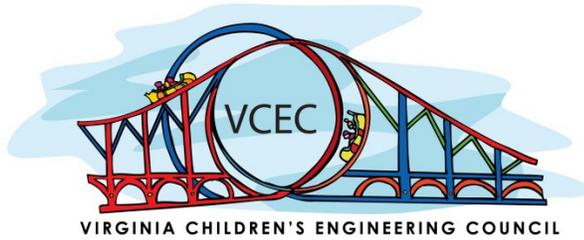
**Email:**

- Non-College Credit Registration Fee \$395.00
- Amount Enclosed:
- Registration Deadline: **July 1, 2018**

**Additional Payment Options:**  
Credit Card: (Circle one): MasterCard / VISA Number: \_\_\_\_\_ Expiration Date: \_\_\_\_\_  
Signature: \_\_\_\_\_  
School purchase orders must accompany registration form (VCEC FIN: 80-0590350), 501(c)(3) Non-profit Organization.

- Contact Kelley Davis, [jazmined35@yahoo.com](mailto:jazmined35@yahoo.com), Linda Harpine, [lharpine@rockingham.k12.va.us](mailto:lharpine@rockingham.k12.va.us)
- or Patti Fazzi, [patriciafazzi@aol.com](mailto:patriciafazzi@aol.com) for details about the workshop/course.

**Mail Registration Form and Fees to:** Virginia Children's Engineering Council  
P. O. Box 29307  
Henrico, VA 23242  
Email: [vcec@childrensengineering.org](mailto:vcec@childrensengineering.org)  
Phone: 804 854-3454  
Fax: 804 747-7776



**James Madison University**  
**Workshop Title: K-5 Children's Engineering**  
**College Credit - Materials Fee Registration Form**  
**July 23 – 27, 2018**

**Name: (First)**  **(Last)**   
**Title:**   
**School Division:**   
**Address:**   
**City:**  **State:**  **Zip:**   
**Work Phone:**  **Home Phone:**   
**Email:**

- Registration for the JMU three (3) Credits requires [registering directly through JMU](#).
- The cost of the three (3) college credits is \$846.00 plus a \$20.00 non-refundable application fee. Email Linda Harpine, [lharpine@rockingham.k12.va.us](mailto:lharpine@rockingham.k12.va.us), Kelley Davis, [jazmined35@yahoo.com](mailto:jazmined35@yahoo.com) or Patti Fazzi, [patriciafazzi@aol.com](mailto:patriciafazzi@aol.com) 804 854-3454 for details about the workshop/course.

➤ The materials fee for individuals that register for the JMU three (3) hours college credit is: \$ 75.00 \*

➤ Amount Enclosed: \$

➤ Registration Deadline: **July 1, 2018**

**Additional Payment Options:**

Credit Card: (Check One):  VISA  Master Card      Number:   
 Expiration Date:       Signature: \_\_\_\_\_  
School purchase orders must accompany registration form (VCEC FIN: 80-0590350), 501(c)(3) Non-profit Organization.

\* Make the Materials Check payable to VCEC and mail to:  
 Virginia Children's Engineering Council  
 P. O. Box 29307  
 Henrico, VA 23242  
 Email: [vcec@childrensengineering.org](mailto:vcec@childrensengineering.org) or Fax: 804 747-7776