

## ACADEMICS

Upon successful completion of the STEAM Academy, students earn three transferable, college-level, Rowan University credits. Course offerings are designed for students at each grade level and focus on Science, Technology, Engineering, the Arts and/or Mathematics.

## RESIDENTIAL COLLEGE EXPERIENCE

During the STEAM Academy's 3-week program, students stay in supervised, on-campus housing and dine in Rowan's cafeteria and at local restaurants. They utilize other campus facilities such as the Recreation and Student Center.

## LEADERSHIP TRAINING

Dynamic presentations by Rowan faculty coupled with workshops on leadership topics help students develop their skills. Specific areas included are self-evaluation, emotional intelligence, problem-solving, goal setting, decision making, giving and responding effectively to feedback and recognizing others' contributions. Communication, group dynamics and diversity in leadership are also covered.

## COLLEGE & CAREER PLANNING

The STEAM Academy students will attend seminars led by Rowan University's Office of Career Advancement and complete the FOCUS II, a personality and skills inventory. The counselors will also help students plan for the remainder of their high school years through the development of a comprehensive Action Plan. The students and counselors will work together to use results from FOCUS II to create an attainable plan for their academic and career goals. The Action plan will be used by the students to identify and explore college majors and career options.

In addition, STEAM Academy students will conduct research on potential and applicable careers. Upon completion of the Academy, they will have completed a personalized and professional resume. Seniors will also improve their interview skills through mock interviews.

## COUNSELING

The STEAM Academy is supported by trained counselors that help provide students with a well-rounded experience. This includes personal, academic, and career development as well as individualized guidance. Counselors assist students with living on campus, being away from home, and becoming more independent. Students are also supported through structured study groups to assist with preparing for the rigorous demands of the college level coursework. Career development is explored through the completion of the Action Plan in coordination with the Office of Career Advancement.

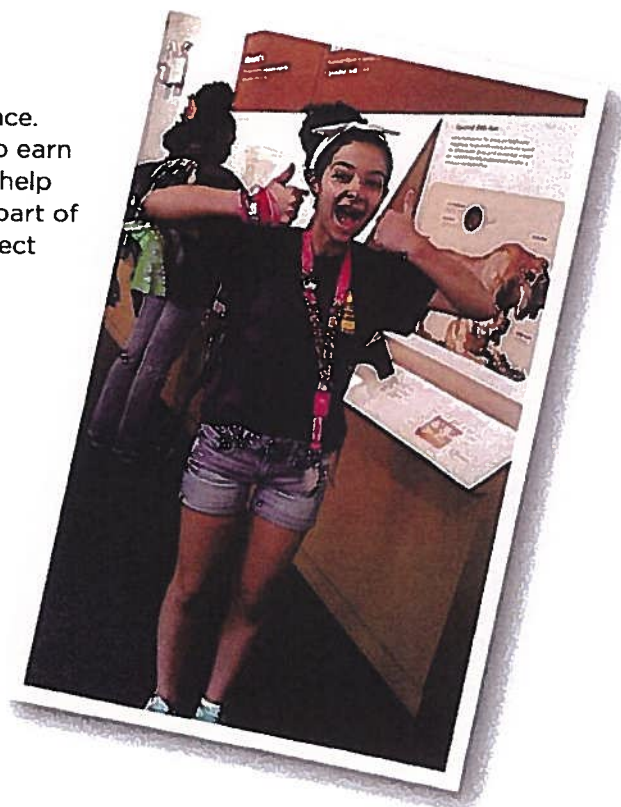


## TIMELINE

- December 2015 – February 2016: Complete the application form and submit all materials. Space is limited and students are strongly encouraged to apply early to ensure a spot.
- April 15, 2016: Admission and scholarship decisions about STEAM Academy 2016 will be sent by this date.
- April – June 2016: Admitted students will receive a follow-up package of information, including details about the program, a schedule, and additional forms to complete. The forms will include an acceptance contract, a liability waiver, photography/film waiver, and health insurance/medical information forms, all of which are required to be signed and submitted before the program begins.
- May 22, 2016: Mandatory orientation on Rowan's campus
- July 10, 2016: The 3-week residential program begins.

## TESTIMONIAL

"STEAM Academy was much more than a college experience. While attending STEAM, I not only had the opportunity to earn college credits, but I learned things about myself with the help of the several counselors. Everyone at STEAM became a part of a big family, and to come back would be a chance to connect with people like I did once again." —Zeina Issa



# Rowan University



STEAM ACADEMY

**Application for Admission | July 10-29, 2016**

## About the Program

Rowan University's STEAM Academy features instruction and presentations by top faculty whose diverse curriculum better prepare students for college and career paths in one of the fastest growing segments of today's economy. STEAM Academy blends rigorous academic coursework and experiential learning to provide students with a broad knowledge base. What makes Rowan University's STEAM Academy unique is the pairing of STEAM (Science, Technology, Engineering, and Mathematics) with art, design, culture, and humanities to provide an even more well-rounded experience.

## Program Highlights

Open to students entering grades 10 through 12, Rowan University's STEAM Academy combines academic excellence and engaging extracurricular activities with supportive guidance and supervision. The STEAM Academy offers high achieving students the opportunity to experience college life while preparing them for their futures. Students will gain valuable insight and practical tools that will better equip them to achieve their personal, educational, and career goals.

## Details and Application Process

**Dates:** July 10-29, 2016

**Cost:** \$3,900 (Includes: tuition, housing, meals, instruction & materials, activities, and weekend field trips)

**Registration fee:** \$50

**Scholarships:** Limited Scholarships are available

### Eligibility

Students entering grades 10 through 12

GPA of 3.0 or better on a 4.0 scale

**Students applying must submit the following materials:**

- Completed Application Form
- Written Recommendation from teacher
- Written Recommendation from school counselor
- High school transcripts
- Brief autobiographical sketch (100-200 words) that includes personal background and characteristics
- Essay (200-250 words, typed) explaining interest in attending the STEAM Academy
- Optional submission of standardized test scores (PSAT, SAT, ACT)

Incomplete applications will not be considered. Applicants applying by the deadline will be notified of admission to the program by April 15. Applicants applying after the deadline will be placed on a waiting list and will be notified of admission only if space is available. Acceptance letters will be sent directly to participants.

If accepted into the 2016 STEAM Academy, students and their parents or guardians will be invited to attend a mandatory orientation. A program overview will be provided along with STEAM requirements, materials and expectations.

**Application Deadline: February 29, 2016**

# STEAM Academy 2016 Application

Application deadline is **February 29, 2016**. Please print clearly.

Date: \_\_\_\_\_ Social Security #: \_\_\_\_\_

Student's Name: \_\_\_\_\_  
Last First Middle

Gender: \_\_\_\_\_ Current grade: \_\_\_\_\_

Birth date: \_\_\_\_\_ Place of Birth: \_\_\_\_\_  
MM DD YY

Permanent address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_ Phone: ( ) \_\_\_\_\_

Email address: \_\_\_\_\_

Did you attend STEAM Academy 2015? ☐ Yes ☐ No

## Parent/Legal Guardian Contact Information

Name: \_\_\_\_\_

Relationship: \_\_\_\_\_ Home phone: ( ) \_\_\_\_\_

Cell: ( ) \_\_\_\_\_ Work phone: ( ) \_\_\_\_\_

Email address: \_\_\_\_\_

### Secondary Contact

Name: \_\_\_\_\_

Relationship: \_\_\_\_\_ Home phone: ( ) \_\_\_\_\_

Cell: ( ) \_\_\_\_\_ Work phone: ( ) \_\_\_\_\_

Email address: \_\_\_\_\_

Total Taxable Family Income \_\_\_\_\_

*To be considered for a scholarship you must provide proof of income and/or proof of free/reduced lunch. Acceptable proof includes: two most recent paystubs from parent or 2015 tax return.*

**I give permission for my child to attend the Rowan STEAM Academy from July 10–29, 2016.  
I authorize the release of all necessary information, including grades and test scores.**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_



### Demographic Information

Are you a U.S. Citizen? ☐ Yes ☐ No

Are you of Hispanic origin? ☐ No ☐ Yes

Please check one:

☐ Puerto Rican ☐ Mexican ☐ Dominican ☐ Cuban ☐ Central/South American

Other: \_\_\_\_\_

Race:

☐ American Indian/ Alaska Native Asian ☐ African-American ☐ Native Hawaiian/Pacific Islander

☐ Anglo Caucasian Other: \_\_\_\_\_

### School Information

School Name: \_\_\_\_\_

School Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

School Counselor: \_\_\_\_\_

School Counseling Department Telephone: (      ) \_\_\_\_\_

### ADMISSIONS REQUIREMENTS

These admissions requirements are in addition to the standard application.

- ☐ GPA of 3.0 or better on a 4.0 scale
- ☐ A brief autobiographical sketch (100-200 words typed) that includes your personal background and characteristics
- ☐ An essay (200-250 words typed) explaining why you are interested in attending the STEAM Academy
- ☐ 2 Recommendation forms completed and signed (1 teacher and 1 school counselor)
- ☐ Submission of any applicable standardized test scores (PSAT, SAT, etc.) *optional*
- ☐ A transcript of your high school grades

Please mail completed application with supporting documents to:

STEAM Academy  
Rowan Global Learning & Partnerships  
Enterprise Center, Suite 300  
225 Rowan Blvd.  
Glassboro, NJ 08028

#### Contact Information:

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Director, STEAM Academy  
Rowan University  
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Project Coordinator,  
STEAM Academy  
Rowan University  
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george99@rowan.edu

# STEAM Academy 2016 Counselor Recommendation Form

For the Recommender: Your candid response to the questions in this form will help us to evaluate the applicant's qualifications for admission to the STEAM Academy. Please return this completed and signed form to the applicant **in a sealed envelope with your signature written across the seal**, or email it to us directly at STEAMacademy@rowan.edu. Thank you for providing this information. Application deadline is **February 29, 2016**.

Date: \_\_\_\_\_

Student's Name: \_\_\_\_\_

Home Address: \_\_\_\_\_

City: \_\_\_\_\_

State: \_\_\_\_\_

ZIP: \_\_\_\_\_

County: \_\_\_\_\_

Phone (     ) \_\_\_\_\_

Date of Birth: \_\_\_\_\_

How long have you known the applicant, and in what context? \_\_\_\_\_

Candidate's Cumulative GPA \_\_\_\_\_

Does this applicant receive free or reduced lunch? \_\_\_\_\_

☐ No

☐ Yes, Free Lunch

☐ Yes, Reduced Lunch

Has the candidate ever been found responsible for a disciplinary violation at your school, whether related to academic misconduct or behavioral misconduct that resulted in the applicant's probation, suspension, removal, dismissal or expulsion from your institution? ☐ Yes ☐ No

To your knowledge, has the candidate ever been convicted of a misdemeanor, felony or other crime? ☐ Yes ☐ No

*If you answered "Yes" to either question, please attach an explanation of the circumstances including the approximate date of each incident.*

Compared to other students in the student's class, how do you rate this student in terms of:

	Excellent (Top 10%)	Good	Average	Below Average	No Basis for Judgement
Attendance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Academic Achievement	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Initiative	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Leadership	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Concern for others	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Emotional stability	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Respect for others' beliefs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Integrity	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Service to others	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Independence	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

I recommend this student:

☐ Without reservation   ☐ With reservation (*please comment*)   ☐ Do not recommend (*please comment*)

**Comments:**

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Counselor Print Name

Counselor Signature

Date

School

Email Address

Phone Number

**Please submit this form with a copy of the student's transcript including current grades and any standardized test scores**



## STEAM Academy 2016 Teacher Recommendation Form

For the Recommender: Your candid response to the questions in this form will help us to evaluate the applicant's qualifications for admission to the STEAM Academy. Please return this completed and signed form to the applicant **in a sealed envelope with your signature written across the seal**, or email it to us directly at STEAMacademy@rowan.edu. Thank you for providing this information. Application deadline is **February 29, 2016**.

Date: \_\_\_\_\_

Student's Name: \_\_\_\_\_

Home Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_ County: \_\_\_\_\_

Phone (     ) \_\_\_\_\_

Date of Birth: \_\_\_\_\_

Teacher Name: \_\_\_\_\_

Subject Area: \_\_\_\_\_

I have known the applicant for    ☐ Less than one year    ☐ One to two years    ☐ More than two years

Does this applicant receive free or reduced lunch?    ☐ No    ☐ Yes, Free Lunch    ☐ Yes, Reduced Lunch

Compared to other students in the student's class, how do you rate this student in terms of:

	Excellent (Top 10%)	Good	Average	Below Average	No Basis for Judgement
Attends school on a regular basis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is on time to class	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Completes class assignments on time	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Respects and honors school environment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Shows positive attitude in class	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gets along well with others, shows respect	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Demonstrates eagerness and capacity to learn	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Engages in school activities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Shows ability to make and keep commitments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is receptive to new ideas	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	Excellent (Top 10%)	Good	Average	Below Average	No Basis for Judgement
Demonstrates responsibility	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Demonstrates initiative	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Follows instructions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Displays maturity and self-discipline	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Has an ability to adapt to change	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Demonstrates solid communication skills	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

I recommend this student:

☐ Without reservation   ☐ With reservation (*please comment*)   ☐ Do not recommend (*please comment*)

Comments:

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Teacher Print Name

Teacher Signature

Date

School

Email Address

Phone Number