About the Academy

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 STEM (Science, Technology, Engineering, and Mathematics) with art, design, culture, and humanities to provide an even more well-rounded experience.

Open to students entering grades 9 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.

Our Programs

Voyagers
Voyagers is specially designed for graduating eighth graders who are going to be freshmen. This will be a chance for attendees to experience the core of STEAM (campus experience, personal development, and academic achievement) in a hands-on, holistic day program spanning from July 9th until July 27th, 2018. Running Monday through Thursday during normal school hours, each day begins with breakfast and then a morning session focused on interdisciplinary academics follows. After lunch, students participate in our Scholar Leader personal development curriculum, filled to the brim with personal development, leadership building, and peer group engagement. The Voyagers program is both a gateway into STEAM subjects as well as a program created to inspire curiosity and academic independence for students about to start high school.

Navigation
The Navigation program is our oldest and most popular track. Open to rising sophomores, juniors, and seniors, Navigation gives students the closest thing to college a high schooler can experience! Every weekday morning, students take an official, accredited Rowan University course. Afternoons are devoted to personal and academic development, and include special workshops on career counseling, standardized test preparation, conflict resolution, and leadership training. All students graduate the STEAM Academy with three fully transferable college credits and a unique, holistic experience that has prepared them for success on campus and beyond.

We are proud to introduce morning session and full day attendance options this year, to better accommodate hectic summer schedules and those unable to stay for the duration of the program. Once accepted, simply indicate your attendance preference on our “Getting to Know You” Form.

The camp begins with move-in for residents on Sunday, July 8th, 2018. It ends with a graduation ceremony (parents invited!) on July 27th. Weekends are optional—those who stay have the opportunity to travel with us on field trips to fun and different locations.

Pathways
Our most academically challenging option, Pathways is an exclusive research internship program that gives rising sophomores, juniors and seniors a unique opportunity to pursue research in STEAM fields they are interested in, all with individualized support from a Rowan faculty member! These high-achieving students will also take a full three credit course in the mornings, but their afternoons will be structured around this internship opportunity as well as their scholar-leader personal development immersion. This is all in addition to the benefits of living on campus, eating in the cafeteria, and acclimating to being responsible for academic achievement in the collegiate realm.

The 2017 STEAM Academy’s Pathways program is an innovative venture that will put students already interested in STEAM subjects on a forward-looking trajectory in which they can imagine themselves as successful college students. It will follow the same three-week schedule from July 8th-27th, 2018 as Navigation does and offer the same weekend leave option, as well as the same field trips. However, Pathways students must be residential attendees.
Details and Application Process

Voyagers

**Dates:** July 9-12, 16-19, and 23-27, 2018
**Eligibility:** Students beginning high school in autumn 2018 with GPA of 2.5 or higher on 4.0 scale

**Requirements:**
- Completed Application Form (page 4)
- Written Recommendation from Teacher OR School Counselor (page 6 or page 8, choose one)
- Middle School Transcript/Grade Record
- Brief autobiographical sketch (100-200 words) including personal background and characteristics

Navigation

**Dates:** July 8-27, 2018
**Eligibility:** Students entering 10th, 11th, 12th grades in autumn 2018 with GPA of 3.0 or higher

**Requirements:**
- Completed Application Form (page 4)
- Written Recommendation from School Counselor (page 6)
- Written Recommendation from Teacher (page 8)
- High School Transcript
- Brief autobiographical sketch (100-200 words) including personal background and characteristics
- Essay (200-250 words) explaining interest in attending the STEAM Academy

Pathways

**Dates:** July 8-27, 2018
**Eligibility:** Students entering 10th, 11th, 12th grades in autumn 2018 with GPA of 3.5 or higher

**Requirements:**
- Completed Application Form (page 4)
- Written Recommendation from School Counselor (page 6)
- Written Recommendation from Teacher (page 8)
- High School Transcript
- Brief autobiographical sketch (100-200 words) that includes personal background and characteristics
- Essay (200-250 words) explaining interest in attending the STEAM Academy
- Essay (200-250 words) detailing personal interest in pursuing research in specific STEAM subjects. Please include how you feel this will positively impact your academic future

Application Deadline: April 30, 2018

Incomplete applications will not be considered. Dual Application to Navigation and Pathways is both allowed and encouraged. Applicants applying by the deadline will be notified of admission to the program on a rolling basis by May 3, 2018. 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. To be considered for a scholarship you must provide proof of income and/or proof of free/reduced lunch. Acceptable proof includes but is not limited to: two most recent pay stubs from a parent or guardian or 2017 tax return.

If accepted into the 2018 STEAM Academy, students and their parents or guardians will be invited to attend a mandatory orientation. A program overview will be provided with STEAM requirements, materials and expectations.
STEAM Academy 2018 Application

Application deadline is April 30, 2018 | Please print clearly

Date: ___________________ Social Security #: ___________________________

Student’s name: _______________________________________________________

                        Last                      First                      Middle

Gender: ___________________ Current grade: ________________

Birthdate: ________________ Place of birth: ___________________________

                                          MM/DD/YYYY format

Permanent address: _________________________________________________

City: __________________________ State: _______ ZIP: _______________

Phone number with area code: ______________________________________

Email address: ___________________________________________________

Have you attended the STEAM Academy before?   Yes   No

Which program(s) are you applying for?   Voyagers   Navigation   Pathways

If you selected Navigation, please select which session format you intend to attend:

Morning only (8am-12pm) Full day (8am-5pm) Residential

Parent/Legal Guardian Contact Information

Name: ____________________________________________________________________

Relationship to applicant: ________________________________________________

Phone number with area code: ____________________________________________

Alternate phone: _______________________________________________________

Email address: _________________________________________________________

Total taxable family income: ______________________________________________

To be considered for a scholarship you must provide proof of income and/or proof of free or reduced lunch.

I give permission for my child to attend the Rowan STEAM Academy from July 8-27, 2018. 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? Yes No

If “Yes”, please use the following to describe yourself:
Puerto Rican Mexican Dominican Cuban Central/South American

Other (please describe): ________________________________

If “No”, please use the following to describe yourself:
American Indian/Alaskan Native Asian African-American Caucasian

Native Hawaiian/Pacific Islander Other (please describe): _______________________

School Information

Current School: ____________________________________________

School Address: __________________________________________

City: __________________________ State: __________ ZIP: __________

School Counselor: _______________________________________

Will you be attending the same school in autumn 2018? If not, please specify where:
____________________________________________________________________

Admissions Requirements | Documents required in addition to completed application

- GPA meeting minimum program requirements
- Brief autobiographical sketch (100-200 words, typed) including personal background and characteristics
- All other essays required by your program of choice, typed (see page 3)
- Recommendation forms completed and signed (1 teacher and/or school counselor, depending on program of choice)
- An official school transcript or report card

Submission | Please mail or email completed application with supporting documents to:

STEAM Academy
Rowan University
600 Whitney Avenue
Glassboro, NJ 08028

Contact information:
Danielle Fischer
Project Coordinator
fischerd@rowan.edu

Rowan University
School of Earth & Environment
(856) 256-5241
STEAMAcademy@rowan.edu
Student’s name: __________________________________________

Student’s Home Address: _______________________________________________________

City: ___________________________  State: __________  ZIP: _______________

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

Applicant’s Cumulative GPA: ______________

Does this applicant receive free or reduced lunch?  No  Free  Reduced

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 student’s in the applicant’s class, how do you rate this student in terms of:

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<thead>
<tr>
<th></th>
<th>Excellent (top 10%)</th>
<th>Good</th>
<th>Average</th>
<th>Below average</th>
<th>No basis for judgment</th>
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<tbody>
<tr>
<td>Attendance</td>
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<td>Academic Achievement</td>
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<td>Initiative</td>
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<td>Leadership</td>
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<tr>
<td>Concern for others</td>
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<td>Emotional stability</td>
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<td>Respect for others’ beliefs</td>
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<td>Integrity</td>
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<td>Service to others</td>
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<tr>
<td>Independence</td>
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</table>
I recommend this student:

Without reservation

With reservation (*please comment*)

Do not recommend (*please comment*)

Comments:

____________________________________________________________________________
____________________________________________________________________________
____________________________________________________________________________
____________________________________________________________________________
____________________________________________________________________________

Counselor’s name: ____________________________________________________________

Please print clearly

Counselor’s signature: __________________________________________________________

School: ____________________________ Phone number: ______________________

Email address: _______________________________________________________________

Please submit this form with a copy of the student’s transcript or grade history, including current grades.
Student’s name: ____________________________________________________________

Student’s Home Address: __________________________________________________

City: ___________________________ State: __________ ZIP: _______________

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

_____________________________________________________________________

Applicant’s Cumulative GPA: _______________

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  Free  Reduced

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

<table>
<thead>
<tr>
<th></th>
<th>Excellent (top 10%)</th>
<th>Good</th>
<th>Average</th>
<th>Below average</th>
<th>No basis for judgment</th>
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</thead>
<tbody>
<tr>
<td>Attends school regularly</td>
<td>__________________</td>
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<td>On time to class</td>
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<td>Completes assignments on time</td>
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<td>Respects and honors school environment</td>
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<td>Shows positive attitude</td>
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<td>Gets along well with others</td>
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<td>Demonstrates eagerness to learn</td>
<td>_______________</td>
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<td>Engages in school activities</td>
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<td>Makes and keeps commitments</td>
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<td>Receptive to new ideas</td>
<td>__________________</td>
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<td>Demonstrates responsibility</td>
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STEAM Academy 2018 | 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 April 30, 2018.
<table>
<thead>
<tr>
<th>Excellent (top 10%)</th>
<th>Good</th>
<th>Average</th>
<th>Below average</th>
<th>No basis for judgment</th>
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<tr>
<td>Demonstrates initiative</td>
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<td>Follows instructions</td>
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<td>Displays maturity and self-discipline</td>
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<td>Has an ability to adapt to change</td>
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<td>Demonstrates solid communication Skills</td>
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</tbody>
</table>

I recommend this student:

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

Comments:
____________________________________________________________________________
____________________________________________________________________________
____________________________________________________________________________
____________________________________________________________________________
____________________________________________________________________________
____________________________________________________________________________

Teacher's name: ________________________________________________________________

*Please print clearly*

Teacher's signature: ____________________________________________________________

School: ____________________________  Phone number: _________________________

Email address: ___________________________________________________________________