

# STEM ENGINEERING PATHWAYS PROGRAM APPLICATION

# PROGRAM OUTLINE

Dear Applicant,

STEM Engineering Pathways prepares students pursuing majors and careers in Engineering. Students accepted into the STEM Engineering Pathways program will meet with the STEM Engineering Pathways Counselor twice a year. The STEM Counselor will provide academic, career and transfer guidance and develop an educational plan that encourages completion of an associates of science degree and transfer to a 4-year university in any field of engineering. Assistance with the transfer application process and transition from Norco College to the 4-year University will also be provided by the STEM Counselor.

In addition to the STEM Counselor, students in the STEM Engineering Pathways program will also receive support from the STEM Engineering Pathways Student Success Coach who will monitor student's academic progress and develop an Action Plan to help student's overcome any obstacles affecting their academic progress.

STEM Engineering Pathways participants are committed to their academic success and value the importance of education. Thank you for your interest and we look forward to helping you achieve your academic and career goals.

## ELIGIBILITY & ACADEMIC EXPECTATIONS

All students who are interested in STEM Engineering Pathways must fulfill the following eligibility criteria:

1. Student has indicated Norco College as his/her home campus.
2. Minimum 2.50 GPA (high school or college).
3. Commit to complete Calculus (MAT 1A, 1B, 1C) and Physics (4A and 4B **or** 4C) sequences **prior** to transfer.
4. Commit to maintain full-time enrollment (12 units) for Fall/Spring terms (ask STEM Counselor about possible exceptions).
5. Commit to transfer to a four-year university in any Engineering major.
6. Commit to participate in Norco College STEM Center/Engineering Pathways sponsored events (refer to STEM Engineering Pathways Student Contract on page 4).

## PROGRAM SERVICES

- |                        |                           |                            |
|------------------------|---------------------------|----------------------------|
| ➤ Orientation          | ➤ Tutoring                | ➤ Guest Speaker Series     |
| ➤ Counseling           | ➤ Success Workshops       | ➤ Industry Tours           |
| ➤ Academic Coaching    | ➤ Study Groups/SI         | ➤ University Tours         |
| ➤ Transfer information | ➤ Peer mentoring          | ➤ Internship Opportunities |
| ➤ Career Workshops     | ➤ Scholarship Information | ➤ Alumni Speakers/Events   |

**Phone:** 951-739-7839

**Website:** [www.norcocollege.com/stem](http://www.norcocollege.com/stem)

**Email:** [STEM@norcocollege.edu](mailto:STEM@norcocollege.edu)

**Facebook:** [www.facebook.com/stem.norco](http://www.facebook.com/stem.norco)

## STUDENT INFORMATION

Last Name:	First Name:	Middle Name:
Student ID:	Date of Birth:	Age:
Mailing Address:	Apartment/Unit#	
City:	State:	Zip Code:
Gender: <input type="checkbox"/> Female <input type="checkbox"/> Male <input type="checkbox"/> Transgender	Home Phone: ( )	Cell/Message Phone: ( )
RCCD Student Email:	Preferred Email:	
How did you hear about the STEM Engineering Pathways Program?		
Do you have a job? <input type="checkbox"/> Yes, on-campus <input type="checkbox"/> Yes, off-campus <input type="checkbox"/> No If yes, how many hours per week? <input type="checkbox"/> 30+ <input type="checkbox"/> 20-29 <input type="checkbox"/> Less than 20 hours		

## ELIGIBILITY

Have you indicated Norco College as your home college? <input type="checkbox"/> Yes <input type="checkbox"/> No	Do you have a minimum 2.50 GPA? <input type="checkbox"/> Yes <input type="checkbox"/> No
Have you completed Math 36 (Trigonometry)? <input type="checkbox"/> Yes <input type="checkbox"/> No	If yes, where? If no, when do you plan to take it?
How many units do you plan to enroll in during the Fall/Spring terms? <input type="checkbox"/> 12 or more <input type="checkbox"/> 9-11.5 <input type="checkbox"/> below 9	
Are you planning to transfer to a 4-year university? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, universities of interest:	
What is your educational goal? <input type="checkbox"/> Certificate <input type="checkbox"/> Transfer <b>with</b> AA/AS/ADT Degree <input type="checkbox"/> Transfer <b>without</b> AA/AS/ADT Degree	

## ENGINEERING CAREER INTERESTS

<input type="checkbox"/> Aerospace <input type="checkbox"/> Biomedical <input type="checkbox"/> Civil <input type="checkbox"/> Chemical <input type="checkbox"/> Computer <input type="checkbox"/> Electrical <input type="checkbox"/> Environmental <input type="checkbox"/> Manufacturing <input type="checkbox"/> Mechanical <input type="checkbox"/> Software
Other Engineering: Current Major: What is your ultimate career goal?

## ETHNICITY(Check the one you identify with most)

<input type="checkbox"/> American Indian/Native Alaskan <input type="checkbox"/> Asian <input type="checkbox"/> Black/African American <input type="checkbox"/> Caucasian/White <input type="checkbox"/> Filipino <input type="checkbox"/> Mexican/Mexican American <input type="checkbox"/> Other Latino <input type="checkbox"/> Multiracial
<input type="checkbox"/> Pacific Islander <input type="checkbox"/> Other:

## FIRST GENERATION COLLEGE STUDENT

Do either of your parents have a Bachelor's Degree? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't Know	Do you receive the CA Promise Grant? <input type="checkbox"/> Yes <input type="checkbox"/> No
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## SUPPORT SERVICES

Please mark ALL other support programs you are currently participating in at Norco College: <input type="checkbox"/> Other: _____
<input type="checkbox"/> CalWORKs <input type="checkbox"/> DRC <input type="checkbox"/> EOP&S/CARE <input type="checkbox"/> FYE <input type="checkbox"/> Honors <input type="checkbox"/> Phoenix Scholars <input type="checkbox"/> Puente <input type="checkbox"/> TRIO SSS <input type="checkbox"/> Umoja <input type="checkbox"/> Veteran's Services

## EDUCATION

Name of High School:	City, State:	Last Year Attended:
Graduation Status: <input type="checkbox"/> High School Diploma <input type="checkbox"/> Certificate of Proficiency <input type="checkbox"/> G.E.D. <input type="checkbox"/> Non-graduate	Cumulative HS GPA:	
Have you submitted your OFFICIAL high school transcripts to Norco College/RCCD? <input type="checkbox"/> Yes <input type="checkbox"/> No		
Have you taken AP courses? <input type="checkbox"/> Yes <input type="checkbox"/> No	Please list the names <u>and</u> scores of ALL AP/IB exams taken:	
Have you taken IB courses? <input type="checkbox"/> Yes <input type="checkbox"/> No		
Have you submitted your OFFICIAL AP/IB test scores to Norco College/RCCD? <input type="checkbox"/> Yes <input type="checkbox"/> No		
Have you attended any other College or University? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, are <b>all</b> OFFICIAL transcripts on file at Norco/RCCD? <input type="checkbox"/> Yes <input type="checkbox"/> No		
Please list the name(s) and dates of all institution(s) you have attend after high school, even if you don't think the credit will transfer:		

## ENGINEERING PATHWAYS SERVICES

Check all services that you are interested in:	Check your preferred times to attend special events/workshops:																																				
<input type="checkbox"/> STEM Counseling <input type="checkbox"/> Transfer Info <input type="checkbox"/> University Tours <input type="checkbox"/> Success Coach <input type="checkbox"/> Career Info <input type="checkbox"/> Scholarships <input type="checkbox"/> Industry Guest Speakers <input type="checkbox"/> Industry Tours <input type="checkbox"/> Internships <input type="checkbox"/> Supplemental instruction <input type="checkbox"/> Peer Mentoring <input type="checkbox"/> Tutoring <input type="checkbox"/> Alumni Speakers/Events	<table border="1"> <thead> <tr> <th>TIME RANGE</th> <th>MON</th> <th>TUES</th> <th>WED</th> <th>THUR</th> <th>FRI</th> </tr> </thead> <tbody> <tr> <td>9 – 11 AM</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>11 AM – 1 PM</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>1 – 2 PM/COLLEGE HR</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>3 – 5 PM</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>5 – 7 PM</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	TIME RANGE	MON	TUES	WED	THUR	FRI	9 – 11 AM						11 AM – 1 PM						1 – 2 PM/COLLEGE HR						3 – 5 PM						5 – 7 PM					
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# STEM ENGINEERING PATHWAYS STUDENT CONTRACT

## NORCO COLLEGE STEM ENGINEERING PATHWAYS STUDENT CONTRACT

I, \_\_\_\_\_ promise and agree to:  
(student's full name) (RCCD Student ID Number)

1. Complete the Calculus (MAT 1A, MAT 1B, MAT 1C) and Physics (Physics 4A and 4B or 4C) sequences **prior** to transfer.
2. Transfer to a 4-year university in the field of Engineering.
3. Meet with the STEM Engineering Pathways Counselor once during summer or fall and once during winter or spring terms.
4. Meet with the STEM Engineering Pathways Student Success Coach once during summer or fall and once during winter or spring terms to monitor academic progress and develop an action plan to overcome any obstacles affecting academic progress.
5. Maintain a minimum cumulative 2.50 GPA.
6. Apply to a minimum of one research opportunity, internship or scholarship annually.
7. Attend at least one activity sponsored by the STEM Center or Engineering Pathways Program each semester.
8. Maintain full-time enrollment (12 units) for Fall/Spring terms (ask STEM Counselor about possible exceptions) to ensure pathway completion.
9. Respond to all communications from program staff in a timely manner and notify the Engineering Pathways Counselor immediately of any change of major, transfer university preference or change in academic standing (academic probation).
10. Manage my time effectively, take my education seriously, and actively pursue my academic and professional goals.

Student's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**I give my permission for STEM to track necessary information about my academic performance beyond Norco College and obtain testing/assessment results.**

## VISUAL/AUDIO IMAGE RELEASE

I grant permission to Norco College, its employees and agents, to take and use visual/audio images of me. Visual/audio images are any type of recording, including but not limited to photographs, digital images, drawings, renderings, voices, sounds, video recordings, audio clips or accompanying written descriptions. Norco College will not materially alter the original images. I agree that Norco College owns the images and all rights related to them. The images may be used in any manner of media without notifying me, such as college-sponsored web printed or electronic matter that may be used with them, or to be compensated for them. I release Norco College and its employees and agents, including any firm authorized to publish material used with the images.

I am at least 18 years of age and competent to sign this release. I have read this release before signing, I understand its contents, meaning and impact, and I freely accept the terms.

Student Name: \_\_\_\_\_ Date: \_\_\_\_\_  
(Please print)

Student Name: \_\_\_\_\_ Phone: \_\_\_\_\_

The Riverside Community College District complies with all federal and state rules and regulations and does not discriminate on the basis of ethnic group identification, national origin, religion, age, gender, gender identity, gender expression, race, color, ancestry, genetic information, sexual orientation, physical or mental disability, or any characteristic listed or defined in Section 11135 of the Government Code or any characteristic that is contained in the prohibition of hate crimes set forth in subdivision (1) of Section 422.6 of the California Penal Code, or any other status protected by law. This holds true for all students who are interested in participating in education programs and/or extracurricular school activities. Limited English-speaking skills will not be a barrier to admission or participation in any programs. Harassment of any employee or student with regard to ethnic group identification, national origin, religion, age, gender, gender identity, gender expression, race, color, ancestry, genetic information, sexual orientation, physical or mental disability, or any characteristic listed or defined in Section 11135 of the Government Code or any characteristic that is contained in the prohibition of hate crimes set forth in subdivision (1) of Section 422.6 of the California Penal Code, or any other status protected by law is strictly prohibited. Inquiries regarding compliance, and/or grievance procedures may be directed to the District's Title IX Officer/Section 504/ADA Coordinator, Lorraine Jones, M.S.W., 3801 Market Street, 2<sup>nd</sup> floor, Riverside, CA 92501. (951) 328-3874.

Alternate formats for this material are available to individuals requiring disability accommodation. Please contact the Norco College Disability Resource Center at (951) 372-7070 or the office of Diversity, Equity and Compliance at (951) 222-8039.