

BAKERSFIELD COLLEGE

2018 SUMMER STEM ACADEMY

PROGRAM DESCRIPTION: No Cost, ENGAGING ONE WEEK PROJECT ACADEMIES DESIGNED FOR JR HIGH, MIDDLE SCHOOL AND HIGH SCHOOL STUDENTS INTERESTED IN SCIENCE, TECHNOLOGY, ENGINEERING, OR MATHEMATICS (STEM) FIELDS.

ACADEMY	DESCRIPTION	LEVEL	DATES	DAYS	TIMES	MAX # STUDENTS
3D DESIGN & PRINTING	USE A 3D PRINTER TO CREATE YOUR OWN ENGINEERED DESIGN.	JR HIGH/ MIDDLE SCHOOL	6/4 – 6/7	M-TH	9:00 AM – 3:00 PM	22
MOBILE APP DEVELOPMENT	MOBILE APP DEVELOPMENT USING ANDROID STUDIO & THE JAVA PROGRAMMING LANGUAGE.	HIGH SCHOOL	6/11 – 6/14	M-TH	9:00 AM – 3:00 PM	22
GUITAR BUILDING	BUILD AN ELECTRIC GUITAR.	HIGH SCHOOL	6/11 – 6/21	M-TH	9:00 AM – 3:00 PM	10
ENGINEERING	EXPLORE A VARIETY OF ENGINEERING FIELDS.	JR HIGH/ MIDDLE SCHOOL	6/18 – 6/21	M-TH	9:00 AM – 3:00 PM	20
ARCHITECTURE & DESIGN	DESIGN & BUILD A TINY HOUSE.	HIGH SCHOOL	6/25 – 6/28	M-TH	9:30 AM – 3:30 PM	22
AUTOMATION TECHNOLOGY	EXPLORE THE ELECTRONICS AND ROBOTICS BEHIND CONTROL SYSTEMS.	JR HIGH/ MIDDLE SCHOOL	6/25 – 6/28	M-TH	9:00 AM – 3:00 PM	24
ARCHITECTURE & DESIGN	DESIGN & BUILD A TINY HOUSE.	JR HIGH/ MIDDLE SCHOOL	7/16 – 7/19	M-TH	9:00 AM – 3:00 PM	22

PLEASE RETURN THE **COMPLETED APPLICATION AND ALL REQUIRED FORMS** TO YADIRA GUERRERO, BAKERSFIELD COLLEGE ENGINEERING PROGRAM MANAGER BY MAY 12, 2018 TO ENSURE YOU HAVE SECURED A SPOT.

MAIL: ATTN: YADIRA GUERRERO (FACE 16)
1801 PANORAMA DRIVE, BAKERSFIELD, CA 93305

FAX: 661-395-4045 (ATTENTION: YADIRA GUERRERO-STEM SUMMER CAMP)

EMAIL: YADIRA.GUERRERO@BAKERSFIELDCOLLEGE.EDU

PLEASE NOTE: EMAIL AND FAX ARE THE QUICKEST METHODS FOR RETURNING COMPLETED PAPERWORK.



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- 1) PLEASE INDICATE THE CAMP THAT YOU ARE APPLYING FOR BY MARKING THE APPROPRIATE BOX.
- 2) SUBMIT ALL DOCUMENTATION BY THE DEADLINE. INCOMPLETE APPLICATIONS WILL NOT BE ACCEPTED AND WILL NOT RESERVE AN APPLICANT'S SPOT.
- 3) **ONE APPLICATION PER CAMP IS REQUIRED. A DIFFERENT ESSAY MUST BE SUBMITTED FOR EACH APPLICATION TO BE CONSIDERED.**
- 4) ALL APPLICANTS WILL BE NOTIFIED BY PHONE OF ACCEPTANCE.
- 5) APPLICANTS ARE WELCOME TO APPLY FOR MORE THAN ONE CAMP WITH THE FOLLOWING CONDITIONS:
 - **INDICATE PREFERRED CAMP CHOICE ON EACH APPLICATION.**
 - APPLICANT WILL BE PLACED ON A WAITLIST FOR ADDITIONAL CAMPS.
 - WAITLIST APPLICANTS WILL BE NOTIFIED OF STATUS BY MAY 18, 2017.

- 3D DESIGN & PRINTING (MS), JUNE 4TH-JUNE 7TH
- MOBILE APP DEVELOPMENT (HS), JUNE 11TH-JUNE 14TH
- GUITAR BUILDING (HS), JUNE 11TH-JUNE 21ST
- ENGINEERING (MS), JUNE 18TH-JUNE 21ST
- ARCHITECTURE & DESIGN (HS), JUNE 25TH-JUNE 28TH
- AUTOMATION TECHNOLOGY (MS), JUNE 25TH-JUNE 28TH
- ARCHITECTURE & DESIGN (MS), JULY 16TH-JULY 19TH

APPLICANT INFORMATION

STUDENT NAME	
STREET ADDRESS	
CITY, STATE, ZIP	
HOME PHONE	
PARENT'S NAME	
PARENT'S PHONE	
PARENT'S EMAIL	
GRADE & SCHOOL (IN FALL 2018)	
AVERAGE ANNUAL HOUSEHOLD INCOME	
HOUSEHOLD SIZE	
HAS THE STUDENT PARTICIPATED IN PLTW?	

ESSAY

MIDDLE SCHOOL: WRITE A 250 WORD JOURNAL ENTRY ON WHY YOU ARE INTERESTED IN ATTENDING CAMP. BE SURE TO DESCRIBE YOUR PARTICIPATION IN THE PLTW GATEWAY PROGRAM AT YOUR SCHOOL AND STEM (IF APPLICABLE), YOUR EXTRACURRICULAR ACTIVITIES OUTSIDE OF SCHOOL, AND YOUR FUTURE PLANS. ATTACH THE ESSAY TO THE BACK OF THE APPLICATION.

HIGH SCHOOL: WRITE A 450 WORD ESSAY ON WHY YOU ARE INTERESTED IN ATTENDING CAMP. BE SURE TO DESCRIBE YOUR PARTICIPATION IN THE PLTW GATEWAY PROGRAM AT YOUR SCHOOL AND STEM (IF APPLICABLE), YOUR EXTRACURRICULAR ACTIVITIES OUTSIDE OF SCHOOL, AND YOUR FUTURE PLANS. ATTACH THE ESSAY TO THE BACK OF THE APPLICATION.

PERSON TO NOTIFY IN CASE OF EMERGENCY

NAME	
STREET ADDRESS	
CITY, STATE, ZIP CODE	
HOME PHONE	
WORK PHONE	
CELL PHONE	
EMAIL ADDRESS	

AGREEMENT AND SIGNATURE

BY SUBMITTING THIS APPLICATION, I UNDERSTAND THAT I AM EXPECTED TO ATTEND ALL CAMP DAYS INDICATED AND THAT I HEREBY HAVE PARENTAL / GUARDIAN SUPPORT TO PARTICIPATE IN THE PROGRAM.

APPLICANT NAME (PRINTED)	
APPLICANT SIGNATURE	
DATE	
PARENT/GUARDIAN NAME (PRINTED)	
PARENT/GUARDIAN SIGNATURE	
DATE	

PLEASE RETURN THE COMPLETED APPLICATION AND ALL REQUIRED FORMS TO YADIRA GUERRERO, BAKERSFIELD COLLEGE ENGINEERING PROGRAM MANAGER BY **MAY 11, 2018** TO ENSURE YOU HAVE SECURED A SPOT.

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