

# STEM 3D Robotics Camp

J.F. DRAKE STATE  
COMMUNITY & TECHNICAL COLLEGE

Middle School Students

NSF



**Apply By June 1**  
**1 Week Program**  
**June 19-June 22**  
**Monday- Thursday**  
**8:00am-12:00pm**

It's FREE!

Questions?? Contact:  
E: [tiffany.green@drakestate.edu](mailto:tiffany.green@drakestate.edu)  
P: 256-551-7265 F: 256-713-9578

## Who?

- ♦ Rising 7<sup>th</sup> and 8<sup>th</sup> graders
- ♦ Students interested in STEM and Robotics

## Why?

- ♦ Hands-on activities including building a robot
- ♦ Exposure to 3D-printing and engineering design

## How?

- ♦ Complete an application
- ♦ 2 Recommendation Forms
- ♦ Sign Parent/Student Agreement
- ♦ Return/Send Application

Sponsored by the National Science Foundation  
HRD-1238803



# 3D Robotics Camp Middle School Application

June 19 – June 22, 2017 Mon-Thu 8:00 am – 12:00 pm



<b>Last Name:</b>		<b>First Name:</b>		<b>Date:</b>	
<b>Street Address:</b>					
<b>City:</b>		<b>State:</b>		<b>Zip Code:</b>	
<b>Email Address:</b>				<b>Date of Birth (mm/dd/yyyy):</b>	
<b>Telephone Number:</b>			<b>Gender:</b>		
			Male <input type="checkbox"/> Female <input type="checkbox"/>		
<b>Middle School:</b>			<b>Expected Graduation Year:</b>		
<b>Ethnicity:</b>					
Hispanic or Latino <input type="checkbox"/>		Not Hispanic <input type="checkbox"/>		American Indian <input type="checkbox"/>	
Alaska Native <input type="checkbox"/>		Native American <input type="checkbox"/>		Pacific Islander <input type="checkbox"/>	
White <input type="checkbox"/>		Black/African American <input type="checkbox"/>		Asian <input type="checkbox"/>	
<b>Citizenship:</b>					
US Citizen <input type="checkbox"/>		Perm. Resident <input type="checkbox"/>		Other Non US Citizen <input type="checkbox"/>	

**Parent/Guardian Signature:** \_\_\_\_\_

If chosen to participate in the 3D Robotics Summer Camp, I will commit to attending the program in its entirety in order to gain the full potential that it has to offer.

**Student Signature:** \_\_\_\_\_

**Submission Requirements/Deadline is June 1, 2017**

- Please Type or Print Clearly all sections of the application
- **Middle School Transcript (official or unofficial)**
- Submit two (2) completed letters of Recommendation forms provided (Teachers, Coach, Counselor or Principal)
- GPA must be at least a 2.5 and higher
- Applicants must be a rising 7<sup>th</sup> or 8<sup>th</sup> grader
- A total of 15 students will be chosen
- On a separate sheet of paper, describe, in no more than 150 words, why you wish to participate in the 3D Summer Robotics Camp (please type).
- Email, Fax, or Mail to:

STEM Summer Bridge Program  
J.F. Drake State Community and Technical College  
Attn: Mrs. Tiffany Green, STEM Outreach Coordinator  
3421 Meridian Street, North  
Huntsville, AL 35811-1544  
[Tiffany.green@drakestate.edu](mailto:Tiffany.green@drakestate.edu)  
P: (256) 551-7265 Fax: (256) 713-9578



# STEM 3D ROBOTICS CAMP RECOMMENDATION FORM

NSF Grant HRD-1238803

All applicants must submit two (2) Recommendation Forms. If you have any questions about this form or the Summer Programs, please contact the STEM Outreach Coordinator, Mrs. Tiffany Green, at (256) 551-7265 or at [tiffany.green@drakestate.edu](mailto:tiffany.green@drakestate.edu). Feel free to attach additional statements to this form.

**Student Name:** \_\_\_\_\_ **School:** \_\_\_\_\_

**To the person completing this Recommendation form:**

J.F. Drake State Community and Technical College STEM 3D Robotics Camp for Middle school students is a 1 week on-site program designed to generate excitement about interest in STEM. Students exposed to fun-filled, interactive learning in 3D printing and engineering design and learn how to transform ideas into digital models creating their own robot design. The student named above has expressed an interest in our Summer Programs. We would appreciate your assessment of the applicant's readiness for study in a community college environment in terms of leadership, initiative and overall character. If your relationship does not allow you to comment on an aspect of the student's background, please write "Not Applicable" (or "N/A") in the space provided. The student is responsible for retrieving and submitting this form to Drake State Community and Technical College.

1. What is your official job title? \_\_\_\_\_  
I am a  Teacher  Counselor  Coach or  Principal
2. How long have you know the applicant? Years \_\_\_\_\_ Months \_\_\_\_\_
3. Describe your relationship to this student: \_\_\_\_\_
4. Check the column that most accurately reflects your sense of this applicant's characteristics and motivation:

Evaluation Criteria	Strongly Agree	Agree	Agree Somewhat	Disagree
Positive Attitude				
Demonstrates leadership capacity				
Self-starter				
Highly motivated				
Solves interpersonal conflicts well				

Additional Comments: \_\_\_\_\_

**Recommender's Information**

\_\_\_\_\_  
Name (Please Print)

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Email Address

( ) \_\_\_\_\_  
Phone Number



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\_\_\_\_\_  
Name (Please Print)

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Email Address

( ) \_\_\_\_\_  
Phone Number