

100 Black Men of Metro Baton Rouge

Starting a Robotics Program to Introduce Girls to

S.T.E.M

**Open to ALL 5th-9th
grade boys and girls**

**Held Monday -Friday
from 8:00am -12:30pm**

**Grew from Approx. 20-80
Students Registered**

Breakfast & Lunch Served

**Math, Science,
Coding/Game Design, and
Robotics Classes Offered**

**Short and long term
benefits for students**



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Starting a Robotics Program Budget

		Pennington Foundation	100 Black Men	Total
	Descriptions			
Program Manager/Summer Boot Camp	The person responsible for overall program management, developing, implementing, evaluating and reporting, supervising the faculty. The person with senior level teaching experience will be expected to work 5 hours per day @ \$40 (a competitive rate based on data collected) per hour for the 4 weeks. The person will devote a total of 100 hours to the project. He/she must get there early and prepare and leave late to secure the building. This individual is expected to be able to fill in as an instructor if needed.	\$ 2,500	\$ 1,500	\$4,000
Instructors	Two for STEM (Robotics) classes. Instructor will be paid at \$35 per hour and expected to work (4) hours per day for 2 weeks, We have identified the instructors who has agreed to participate. The instructors are expected to be paid for a total of 32 hours.	\$ 2,240	0	\$ 2,240
Instructors,	One for ELA and one for Math. Instructors will be paid at \$30 per hour and expected to work for four (4) hours per day, three hours in the class room and one hour planning and counseling with students and parents for 4 days per week. We have identified several high performing teachers who have agreed to participate. Teachers are expected to be paid for a total of 64 hours. (The ELA and math instructors will act as aids and assistants for the robotics instructors during the first 2 weeks of camp)	\$ 3,840		\$ 3,840
Supplies	A set of six Competition VEX Classroom Kits including programing license and software. (Robotics/STEM), (\$5,000)	\$ 4,893	\$ 1,300	\$ 6,193
Volunteee Mentors	Membership of the 100 is expected to contribue approximately 700 volunteer hours (10 members x 70 hrs) for the program at a rate of \$30 per hour (\$24,500.00 in-kind service).		0	\$ -
Marketing and Educational Awareness	80 T-Shirt, two per student at \$10 each	\$ 800		\$ 800
Meals and Refreshments	food for 20 regular sessions, (40 mentees each session x \$5 = \$4000) ---- food for snacks at summer camp (20 sessions x 40 mentees x \$2 each = \$1600). Food for program's culminating event (snack food for approx 120 people) \$800	\$ 3,000	\$3,400	\$ 6,400
Facilities	Facilities for exercising and other activities involving physical activities.		\$ 400	\$ 400
Total Direct Cost		\$ 17,273	\$ 6,600	
In-direct Cost	Overhead (10% of total budget: includes to telehphones, utilities, classrooms, budgeting and reporting)	\$ 1,727		
*****	The operating budget of the Project Excel Program from August 2015 thru May 2016 is approx \$40,000.00			
	Funding for this portion of the program will come in part or fully from grants and contributions from the following sponsors: BOH Brothers Construction, \$5000 --- Entergy of Louisiana, \$5000 --- Exxon Mobil, \$5000 --- Cox Communications, \$10000 --- Dow Chemical, \$14000 --- Pennington Foundation, \$19000.			
Total Cost (direct and indirect cost)		\$ 19,000	\$ 6,600	\$ 25,600