



COLLEGE OF

## Engineering, Architecture and Technology

**Office of the Dean**

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July 25, 2010

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**What gets students interested in science, technology, engineering, and mathematics (STEM)?** Forty nine Oklahoma high schools and CareerTech Centers (see attached) have found one solution to the nationwide problem of an insufficient number of students interested in STEM careers: a **“hands-on” activity involving robotics construction and competition**. It is called **FIRST – For Inspiration and Recognition of Science and Technology – Robotics**, and it is the pinnacle of the several robotics competitions held each year. (See [www.usfirst.org](http://www.usfirst.org).)

But, it is really not about robotics. It is about problem solving, teamwork, group dynamics, communications, fund raising, and more. More importantly, it is about the celebration of science and technology in a competitive event that is as exciting as any high school football or basketball game. Not only do students develop important “hands on” skills and observe practical applications of mathematics and science principles discussed in the classroom, they have fun while engaged in a challenging and stimulating “sporting event.”

Watch Oklahoma Robotics on YouTube (search for the title: “2010 Oklahoma FIRST Robotics”).

You are invited to an information session where you can learn more about how **FIRST Robotics** can motivate your students to develop a passion for mathematics and science. We are offering the same session on two different meeting dates -- **August 7 and 14**. **We would appreciate your sharing the attached information with your teachers before 1August. Your encouragement to them to consider this marvelous opportunity could make a difference!**

Topics for both sessions include state and national grant funding options, team formation, pre-registration, mentor recruitment, planning and scheduling, promotion, and fund raising. Presentations by experienced teachers/team leaders and mentors (practicing engineers) will be included.

We are looking forward to sharing *FIRST Robotics* with you. Don’t miss this opportunity to help your students learn skills that will change their lives.

Please RSVP to Dr. Jack Sellers, [sellersj@swbell.net](mailto:sellersj@swbell.net) or 918-691-3285. Dr. Sellers will send a meeting reminder about 1 August if you will provide him an email address.

Sincerely,

A handwritten signature in black ink that reads 'Karl N. Reid'.

Karl N. Reid  
Dean



## MEMORANDUM

DATE: May 10, 2010  
FROM: Harold Holley & Jack Sellers, *FIRST* Robotics Team Development Specialists  
TO: Teachers interested in starting a Robotics Project like *FIRST* Robotics  
SUBJECT: FIRST Robotics Informational Sessions

Interested Teachers and Mentors should plan on attending one of the following sessions on starting a *FIRST* Robotics team in the high school:

### Session I - OKC:

Date: 7 August 2010 (Saturday)  
Time: 1:00-3:00 pm  
Location: **Mount St Mary HS**, 2801 S. Shartel Ave., OKC, OK  
(Near Shartel and SW 27<sup>th</sup>)  
Room: **Room 212**, (Host - Margaret Whitaker contact number is 405-919-6307)

### Session II – Tulsa Area:

Date: 14 August 2010 (Saturday)  
Time: 1:00-3:00 pm  
Location: **Broken Arrow HS**, 1901 E. Albany, Broken Arrow, OK  
(Near 193<sup>rd</sup> and 61<sup>st</sup> street (Albany))  
Room: **Room B201** (in the administration building closest to the football stadium)  
(Host - Laura Achireddy contact number is 918-798-7442)

### Topics for both sessions include:

- - State and national grant funding options, team formation, pre-registration, mentor recruitment, schedule of events, planning and scheduling, promotion, and fund raising.
- - Presentations by experienced team leaders and mentors will be included.

Please RSVP to: Dr. Jack Sellers, [sellersj@swbell.net](mailto:sellersj@swbell.net) or call 918-691-3285.

You may also contact Harold Holley, *FIRST* Regional Director, [hholley5@suddenlink.net](mailto:hholley5@suddenlink.net) or call 405-747-6463.

NOTE: Send us an email address and we will send you a reminder 1 August.

## 2010 Oklahoma Robotics Teams (May 2010)

### Experienced Teams (40)

Jenks High School  
Ponca City High School  
Tulsa Engineering Academy at Memorial High School  
Booker T. Washington High School, Tulsa  
Francis Tuttle Technology Center, OKC  
Moore Norman Technology Center  
Payne County Robotics, Stillwater  
Tulsa Technology Center  
Tri-County Technology Center, Bartlesville  
Sapulpa High School  
Gordon Cooper Technology Center, Shawnee  
Inola High School  
Chickasaw Nation  
Duncan High School  
Edmond-Santa Fe High School  
Meridian Technology Center, Stillwater  
Elgin High School  
Caddo Kiowa Tech Center/Ft. Cobb  
Bishop Kelley High School, Tulsa  
Colbert High School  
Sperry High School  
Central Technology Center, Drumright  
Broken Arrow High School  
OKC Home School  
Canadian Valley Tech Center-El Reno  
Sequoyah HS, Tahlequah  
Bixby High School  
Great Plains Technology Center  
OKC Capitol Hill High School  
Haileyville High School  
Blackwell High School  
Rock Creek High School, Bokchito  
Tulsa Technology Center-Broken Arrow Campus  
Claremore Public Schools  
Edmond Memorial High School  
Cleveland County 4-H Foundation, Norman  
Cornerstone Academy Home School, Norman  
ASTEC Charter High School, Oklahoma City  
St. Mary High School, Oklahoma City  
Stillwater High School

### Rookie Teams (9)

Edmond-North High School  
OKC-NW Classen High School  
Kiamichi Technology Center-Idabel  
Grove High School  
Wilson High School, Henryetta  
Oklahoma Christian High School  
Adair High School  
Shawnee High School  
Tulsa-McLain High School