SpaceTEAMS Early STEM Teacher Institute Application

TIER
Texas Institute for Educational Robotics

ALAMO COLLEGES
NORTHWEST VISTA COLLEGE

Name		School	District
Home Phone	Work Phone	Mobile Phone	Birth date
Home Address			Social Security Number
City, State, ZIP Code		Email address	

Undergraduate / Graduate Degrees

Undergraduate College/University		City, State
Major	Degree Awarded	Certificates
Graduate College/University (if applicable)		City, State
Major	Degree Awarded	Certificates

Attach a current Curriculum Vita or Resume

Participant, Principal, TIER Agreements

Participant acknowledgements (please check each box that applies)

	I certify that I am a Certified teacher in a Home School / Public or Charter School / Private or Parochial School.
	I agree to attend the full 40 hour summer professional development institute.
	I agree, as part of acceptance into the summer institute, that I will create a team profile for a FLL team on my campus in the FIRST team database.

Campus Principal acknowledgements (In the case of a home school, an individual supporting the participant in this effort)

	The school/district will supply or purchase for the newly registered FLL team a Lego NXT educational robotics kit ($300 - $420 value).
	The school/district/student activity club will pay any local tournament registration fee to participate in a local tournament. ($60 - $90).
	The school will provide the students and teacher on this team adequate space before or after school to design, build and program a robot.
	Campus qualifies for Federal Title I funding **(Not a requirement to participate in this program but is used as a selection criteria)**

Texas Institute for Educational Robotics acknowledgements

X	Upon successful completion of the institute by the participant, TIER will pay the $225 FLL team registration directly to FIRST.
X	Upon successful completion of the institute by the participant, TIER will pay the $65 field kit fee directly to FIRST.

Applicant's Signature	Date
Principal's Signature (Home School - Individual supporting the participant in this effort)	Date

For more information contact Andrew Schuetze, TIER Director, aschuetze1@alamo.edu , 210-486-4430 or Amparo Polendo, TIER Office Manager, pamparo@alamo.edu , 210-486-4421

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FLL®
FIRST® LEGO® League

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GOALS:

The Texas Institute for Educational Robotics, TIER, has a 3-pronged approach to meet the needs of K-12 schools to inspire more students to pursue careers in STEM fields. The components include: a summer robotics camps for kids; teacher professional development institutes that include making explicit connections to the local industry and workforce; and academic year competitions. In June of 2011, TIER will conduct two 40 hour summer institutes for teachers in grades 3rd – 5th and 6th – 8th at NO COST to the participants in this grant funded program. A major outcome will be creation of new FIRST Lego league FLL teams for the 2011 season. Teachers who complete all institute requirements will receive a grant for FLL team annual dues ($225) plus a 2011 FLL season game field element kit ($65). Payment for both items will be paid directly to FIRST. This institute and team grants are made possible by funding from the Boeing Company. Partial preference will be given to teachers assigned to a title one campus.

Date & Location:

SpaceTEAMS Early STEM Teacher institutes

18 Participants	**3rd – 5th Teachers**	**June 20th – 24th, 8:00 – 5:00**
18 Participants	**6th – 8th Teachers**	**June 20th – 24th, 8:00 – 5:00**

Participant, School, TIER Commitments:

- The Participant must be a certified teacher in a Home School / Public or Charter School / Private or Parochial School and attend the full 40 hour summer professional development institute.
- The campus will support the creation and participation of 5 – 10 students on a new FIRST Lego League team.
- As part of acceptance into the summer institute, the participant will create a FLL team profile such that TIER can apply grant funds paid directly to FIRST for payment of the FLL team fee plus the purchase of the 2011 FLL game field elements kit.
- The school will need to supply or purchase for this team a Lego NXT educational robotics kit ($300 - $420 value) plus pay any local tournament registration fee (ranges from $60 - $90). Additionally, provide the students and teacher on this team adequate space before or after school to design, build and program a robot for entry into a local FLL tournament.

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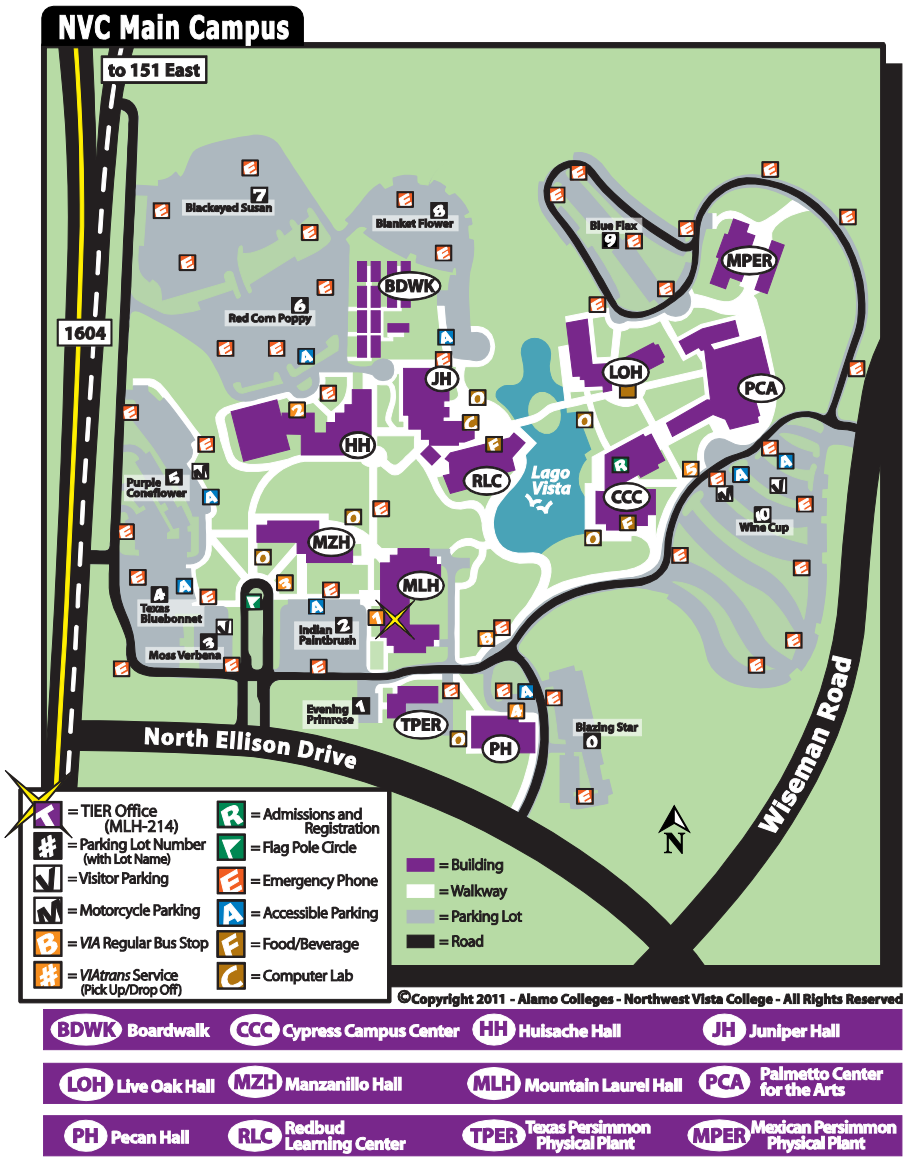
APPLICATION DEADLINE:

Completed applications must be submitted to the TIER office by **Friday, May 13th**, 2011. They may be submitted by email attachment or mail. Applications received after that date will only be considered on a space available basis. Teachers will **NOT** be paid a stipend as part of this summer institute.



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