**Department of Engineering Technology**

**2016 IAB/Design Day**

**April 29, 2016**

9:00 am College Poster presentations, ETEC student posters will be available in

Hallway by main office, F115

11:00 am Opening Remarks – Dr. Enrique Barbieri, Chair - Engineering Technology

ETEC Hallway

11:30 am Break for lunch

Retrieve lunchboxes from F115 and take to designated IAB Meeting

11:45 – 12:50pm IAB Meeting

CNET – F119

ELET – F115E

MEET – F116

1:00 – 5:00 pm Student Presentations

**Construction Engineering Technology – Room B192**

Team #1 1:00pm – 1:30pm Mean Green Construction

Team #2 1:30pm – 2:00pm Carvanguin Engineering, LLC

Team #3 2:00pm – 2:30pm SD Construction, LLC

Team #4 2:30pm – 3:00pm Samaxto

**Electrical Engineering Technology – Room F183**

Team #1 1:00pm – 1:30pm Edison and the IoT

Team #2 1:30pm – 2:00pm UNT SAE Car telemetry

Team #3 2:00pm – 2:30pm Remote Water Leakage Detection

Team #4 2:30pm – 3:00pm M Cubed

Team #5 3:00pm – 3:30pm Design, Implementation, and Characterization of a Raspberry Pi

Cluster for High-Performance Computing

Team #6 3:30pm – 4:00pm IoT-Enabled Sprinkler System

**Mechanical Engineering Technology – Room F187**

Team #1 1:00pm – 1:30pm Fueling System for Locomotive Industry

Team #2 1:30pm – 2:00pm Formula SAE Suspension

Team #3 2:00pm – 2:30pm Formula SAE Ergonomics

Team #4 2:30pm – 3:00pm Pendulum Impact Tester

Team #5 3:00pm – 3:30pm Manual Clutch Lever Displacement

Team #6 3:30pm – 4:00pm Advanced Bike Technology

Team #7 4:00pm – 4:30pm Aeropak

Team #8 4:30pm – 5:00pm Project Redesign

**ENGINEERING TECHNOLOGY**

**Students per Team/Project**

CNET TEAMS

**Team 1- Mean Green Construction**

Travis Butler

Mahmoud Abusamra

Westin Ramsey

Brian Labac

**Team 2- Carvanguin Engineering, LLC**

Lee Vanderwerken

Edgar Carranza

Yvonne Olguin

**Team 3- SD Construction, LLC**

Nathan Derrick

Chris Lavezo

Joseph Alsobrook

Douglas Joseph

Team 4- Samaxto

Eloisa Amaya

Roni Ramirez

Juan Sanchez

**ELET TEAMS**

**Team 1- Edison and the IoT**

Chris Harris

George Dunson

**Team 2- UNT SAE Car telemetry**

Tony McJohnston

Russell Rice

Justin McClesky

**Team 3- Remote Water Leakage Detection**

Robert King

Robert Walters

Dustin Black

**Team 4- M Cubed**

Eleazar Mendoza

Betson Mathew

Sayed Mawazeb

**Team 5- Design, Implementation, and Characterization of a Raspberry Pi Cluster for High-Performance Computing**

Ralph Walker II

Michael Vistine

Katy Rodriguez

**Team 6- IoT-Enabled Sprinkler System**

Arebria Burr

Kevin Scott

Diandria Wright

**MEET TEAMS**

**Team 1– Fueling System for Locomotive Industry**

William Becker

Allison Carlton

Reed Cheatham

Garrett Jonse

Drew Trojacek

**Team 2– Formula S A E Suspension**

Reid Cloud

Trevor Davies

Clayton Geer

Kevin Hill

**Team 3- Formula SAE – Ergonomics**

Travis Kerr

David Gradinaru

Kennith Hindman

David Robertson

Daniel Sieberhagen

William Stephens

**Team 4- Pendulum Impact Tester**

Dennis Tatsch

Kimberly Krueger

Jacobus Peterson

Joseph Thompson

**Team 5- Manual Clutch Lever Displacement**

Khoa Bui

Colin Clarke

Luan Nguyen

Rob Rudeau

**MEET TEAMS (continued)**

**Team 6- Advanced Bike Technology**

Luis Bermeo

Jorge Cardona

Anson Donahue

Brandon Johnson

Quentin Mackie

**Team 7- Aeropak**

Tyler Farmer

Jeff Brown

Cory Clark

Michael Lira

Tom Luepke

**Team 8- Project Redesign**

Angelica Aguilar

James Mason

Peter Tally

Sandeep Joseph