

Senior Design Conference

Schedule of Events

9:30 am	Dean's Welcome
10:00 am to 12:00 pm	Concurrent Design Presentations
12:00 pm to 1:00 pm	Lunch Break (on your own)
1:00 pm to 3:00 pm	Concurrent Design Presentations

Friday, May 4, 2018

Discipline Abbreviations:

AE = Architectural Engineering	EE = Electrical Engineering
CE = Civil Engineering	EV = Environmental Engineering
CH = Chemical Engineering	ME = Mechanical Engineering
CS = Computer Science	MD = Multi-Disciplinary Projects

Room	ENG 136	Gross 108	McNeil 308	ENG 109	McNeil 302	ENG 113	ENG 138
Session	Chemical	Natural Gas	Architectural	Mechanical	Civil	Computer Science	Chemical
Moderator	Dr. Alexander	Dr. Xiao	Dr. Sai	Dr. Peel	Dr. Aguiniga	Dr. Challoo	Dr. Amaya
Staff	Arvind Nanduri	Cathy	Stephanie	Beth	Tony	Dalia	Rosenda
10:00 am	CH1 - Production of Ethyl Acetate from Ethanol and Acetic Acid	NG1 - Drilling Prognosis: Conventional Deviated Well, Hankamer Basin, Liberty County, Texas	AE1 - Design of Energy Efficient Baseball Clubhouse	ME1 - Turbojet Engine	CE1 - Rehabilitation of Third Street	CS1 - HomeArch VR	CH9 - Production of Adipic Acid from Cyclohexene
10:30 am	CH2 - Production of Oxalic acid from the Oxidation of Ethylene Glycol	NG2 - An Onshore Drilling Program for Hydrocarbons in Duval County, Texas	AE2 - Design and Renovations of the Student Union Building	ME2 - Feedwater Heat Exchanger	CE2 - Research about Tall Building	CS2 - Javelina Community	CH10 - Process of Sulfur Recovery
11:00 am	CH3 - Acrylic acid from Propylene and Oxygen	NG3 - Well Production Optimization using an Artificial Lift Method	AE3 - Designing a New Engineering Complex	ME3 - Fusion Based Neutron Source	CE3 - TAMUK New Music Building	CS3 - Code Quality Checking Using Applied Neural Networks	CH11 - Production of Urea
11:30 am	CH4 - Production of TAME from Olefins and Alcohols	NG4 - Production Optimization through Gas Lift Design	MD1 - NASA Mars Sample Return System / Mars Rover Project	ME4 - Hand Powered Tricycle	CE4 - New Utilities Room	EE1 - Robo Coffee	CH12 - Production of Formalin from Methanol and Oxygen
12:00 pm BREAK							
Room	ENG 136	Gross 108	McNeil 308	EC 109	McNeil 302	ENG 113	ENG 138
Session	Chemical	NGEN/CHEN	Multi-disciplinary	Mechanical	Civil	Electrical	Environmental
Moderator	Dr. Mills	Dr. De Los Reyes	Dr. Sai	Dr. Peel	Dr. Aguiniga	Dr. Challoo	Dr. Ramirez
Staff	Arvind Nanduri	Andi	Stephanie	Beth	Rosenda	Dalia	Cathy
1:00 pm	CH5 - Production of Acetone from the Dehydrogenation of Isopropanol	NG5 - Converting Water Injection Wells in CO ₂ Injection Wells in an Enhanced Oil Recovery Process	MD2 - Aquarus: A Solar-Powered Water Filtration Unit	ME5 - Human Rover Competition	CE5 - Renovation of Mesquite Grove Facilities	EE2 - Maritime Safety Switch	EV1 - Identifying a Method to Generate Sludge with more than 28% solids
1:30 pm	CH6 - Production of Styrene from Ethylbenzene	NG6 - Natural Gas Dew Point Control (DPC) Plant Design	MD3 - Rockport-Fulton FEMA Dome	ME6 - Airborne Wind Turbine	CE6 - Rehabilitation of Santa Monica Street	EE3 - Smart Sensor Car Seat	EV2 - Develop an Intermediate Mulch Cover for Landfill Applications
2:00 pm	CH7 - Production of Ethylene Oxide from Ethylene and Oxygen	CH13 - Converting Orange Rinds to Ethanol	MD4 - Mobile Suit: Vision	ME7 - Automobile Collision Force Dampening	CE7 - Courthouse Parking at Eleven Street	EE4 - Development of an Autonomous Lawnmower	EV3 - Develop an Agricultural Application from Wastewater Sludge
2:30 pm	CH8 - Production of Synthetic Gasoline from Natural Gas	ME9 - An Improved Diamond Drill Bit for the Petroleum Industry	MD5 - Minesweeping Robot	ME8 - Asparagus Harvester	CE8 - TAMUK Jogging Track	EE5 - Infrared Mapping Alarm System (IRMAS)	
3:00 pm CLOSING							