Odessa College
Engineering & Technology Department

AGENDA

November 29, 2025

12pm-1pm

Saulsbury Conference Room, ET 160, Engineering & Technology Building

ENGINEERING & TECHNOLOGY
ODESSA COLLEGE

- Welcome: Dr. Tareq Ismail Department Chair
- Introductions
- Review & Approve Minutes
- Dept Chair's Report Dr. Ismail
  - Enrollment Report:
    - 672 students (502 Traditional, 140 OCTECHS & 30 BAAS)
- Updates for the E&T Program
  - Pecos Automation Program
    - Visited Pecos site with Vice-President for Instruction, Dr. Anderson and coordinated program start up for Fall - 2026
  - Andrews - Successful first 2 years
  - Monahan Automation Program - In p!anning
- Automation Equipment updates
  - **Equipment purchases**
    - ✓ 4 Double Sided Control Panels for SCADA & MODBUS courses
    - ✓ 8 Control Valves with Emerson 7K Positioners
    - ✓ 8 DOBOT Training Platforms for robotics courses
    - ✓ 10 Fluke Thermographic Cameras
  - **Equipment necessary for Automation A.A.S DCS System**
    - ✓ 3-Phase Separator (Need 2)
    - ✓ Yokogawa DP Transmitters (Need 4 ea.)
    - ✓ Rosemount Gauge Pressure Transmitters (Need 4 ea.)
    - ✓ Coriolis Flow Meter ¾" NPT 2-20mA, HART (Need 8)
    - ✓ Flow Computer (Need 2)
    - ✓ Analytical Instrumentation Station (pH & Conductivity) (Need 4)
- Advisory recommendations, concerns, or comments
- Thank you for attending!

Engineering & Technology Advisory Committee Meeting

DEPARTMENT CHAIR: Dr. Tareq Ismail		
MEETING DATE: Monday, April 28, 2025	**MEETING TIME:** 12:00 PM – 1:00 PM	**MEETING PLACE:** Odessa College ET Conference Rm#160
RECORDER: Luna Rodriguez	**Spring 2025**	**PREVIOUS MEETING:** Wednesday, October 30, 2024

MEMBERS: (P=PRESENT) Add nonmembers present to bottom of table with heading "Others Present" (OP)

(P/OP?)	Name and Title (List all members) Email Address and Ph #	Business Affiliation	Name and Title
P	James Walls 432-236-7921 james.walls@expanseelectrical.com	Expanse Electrical	Automation Manager
P	Will Bentley 281-687-8410 williambentley@chevron.com	Chevron	COO Advisor
P	Scott Luera 432-770-1338 Scott.S.Luera@cop.com	Conoco Phillips	Automation Lead
P	Ramon Moreno 432-582-4644 Ramon.Moreno@cop.com	Conoco Phillips	Automation Foreman
P	Bill Sherrill 512-677-8608 Bill.Sherrill@toolkittech.com	Tool Kit Technology	Vice President
OP	Kristi Pruitt kpruitt@odessa.edu	Odessa College	Business and Sales Coordinator
OP	Barun Gupta bgupta@odessa.edu	Odessa College	Associate Professor II, Physical Science
OP	David Zubiate 432-212-1179 dzubiate@odessa.edu	Odessa College	Director of Business Partnerships
OP	Dr. Tareq Ismail 432-335-6326 tismail@odessa.edu	Odessa College	Department Chair, Engineering & Technology
OP	Dr. Mohsin Jamali mjamali@odessa.edu	Odessa College	Instrumentation Instructor
OP	Pete Barreraz pbarrraz@odessa.edu	Odessa College	Engineering & Technology Associate Professor

OP	Wissam Alakhtaby walakhtaby@odessa.edu	Odessa College	Instrumentation Instructor
OP	Lisa Aguilar 432-335-6801 laguilar@odessa.edu	Odessa College	BAAS Lead Academic Success Coach
OP	Karl Miller 432-246-1037 Karl.miller@ectorcountyisd.org	OCTECHS	Principal
OP	Danna Church 432-335-6847 dchurch@odessa.edu	Odessa College	Director of Institutional Advancement
OP	Destiny Singh 432-335-6756 dsingh@odessa.edu	Odessa College	Lead Academic Success Coach for School of Business & Industry
OP	Dr. Shahrbanoo Farkhondeh sfarkhondeh@odessa.edu	Odessa College	Associate Professor II, Instrumentation & Electronics
OP	Dr. Tiffani Price 432-335-6891 tprice@odessa.edu	Odessa College	Interim Dean School of Business & Industry, Associate Vice President for Instruction, Curriculum, and Workforce Education
OP	Luna Rodriguez 432-335-6412 lrrodriguez@odessa.edu	Odessa College	Administrative Assistant to the Deans of Instruction

AGENDA

Agenda Item	Action, Discussion, Information	Responsibility
Welcome & Introductions:	Dr. Tare Ismail, welcomed and called the meeting to order at 12:27 P.M. Introductions conducted among attendees.	Dr. Tareq Ismail
Review & Approve Minutes from Last Meeting: Wednesday, October 30, 2024	Prior meeting minutes were reviewed and approved.	Dr. Tareq Ismail
Remarks from the Interim Dean:	Dr. Tiffani Price opened with brief introductory remarks acknowledging her dual role as Interim Dean and Associate Vice President of Instruction, Curriculum, and Workforce Education. Despite the interim appointment, continued involvement in workforce education remains a strong passion and priority.	Dr. Tareq Ismail Dr. Tiffani Price
Department Chair Report:	Enrollment Report Program Review Classroom & Equipment Utilization Student Preparation and Soft Skills	Dr. Tareq Ismail
Advisory Input:	Collaboration with the Industry.	Dr. Tareq Ismail
Future Plans:	Commitment to ongoing improvement.	Dr. Tareq Ismail Advisory Committee
Adjournment:	Meeting was adjourned at 1:05 PM.	Dr. Tareq Ismail

MINUTES

Key Discussion Points	Discussion
Remarks from the Interim Dean:	Workforce Education Emphasis: The Interim Dean emphasized the critical importance of workforce education programs to both industry and regional development. Facilities and Growth: There is an ongoing effort to secure a new building to support program expansion and increase student capacity. Program Innovation: o Stackable Credentials: Exploration of stackable credential options to enable students to quickly enter the workforce and return for further education. o Robotics Certificate: A focused initiative on launching or expanding a robotics certificate program. o Pecos Center: Active evaluation and development of the Pecos Center (Programming, Automation, Cybersecurity, and Systems) center to align with evolving workforce demands. o Technology Pathways: Continued emphasis on growing programs in computer science and cybersecurity, with a focus on both core technical skills and the supporting roles that contribute to the broader workforce ecosystem. o Industry Input: The dean called on industry partners and stakeholders to contribute insights regarding essential skills, techniques, and technical competencies to guide program development and curriculum design. Dr. Tiffani Price concluded with appreciation for the ongoing support and collaboration from faculty, staff, and industry partners, emphasizing a commitment to continuing current efforts and building upon them.

Department Chair's Report:	Enrollment Report: ○ Fall 2024:1430 ○ Fall 2023:1077 ○ Fall 2024 Waiting List: 112 ○ Spring 2025: 849 ○ Spring 2024: 1210 ○ Spring 2025 Waiting List: 92 Automation Enrollment: 770 ○ Fall 2024:553 ○ Fall 2023:385 ○ Fall 2024 Waiting List: 55 ○ Spring 2025:424 ○ Spring 2024:364 ○ Spring 2025 Waiting List: 42 ○ Summer Enrollment: TBD Program Overview ○ Engineering and technology programs are housed under SOBE, which encompasses multiple departments. ○ Focus areas include automation, instrumentation, robotics, and cybersecurity — all aligned with local industry demand. ○ The program strives to balance theoretical knowledge with hands-on practical learning to prepare well-rounded graduates. Classroom and Equipment Utilization ○ Current classroom space and equipment are limited and highly utilized due to increasing student enrollment. ○ Shared use of classrooms and equipment has created bottlenecks affecting class capacity. ○ Plans are underway to procure additional equipment, such as a process and instrumentation machine, to expand capacity and reduce scheduling conflicts. Preparation Student and Soft Skills ○ The curriculum emphasizes a strong technical foundation but recognizes a gap in students' soft skills like communication, teamwork, and problem-solving. ○ Some soft skill development is incorporated, yet there is potential to formalize these efforts and implement assessments. ○ Industry feedback indicates a need for better training in specific technical areas such as process meters and Modbus communication protocols.
Advisory Input:	Collaboration with Industry ○ Odessa College maintains active partnerships with local industries to ensure curriculum relevance and graduate readiness. ○ Industry partners provide ongoing feedback, shaping continuous program improvements. ○ The college is considering greater industry involvement, including inviting partners to advisory committee meetings for direct student feedback.
Future Plans:	Future Plans and Challenges ○ Vision 2030 includes plans for new buildings and expanded facilities to alleviate space and equipment constraints. ○ Exploration of competency-based education models is underway to offer flexible learning paces aligned with workforce needs. ○ Balancing growing student demand with limited resources remains a key challenge while maintaining educational quality. ○ Commitment to ongoing improvement of the engineering and

Future Plans Continued:	technology programs to meet evolving industry and student needs. ○ Priorities identified: acquisition of additional equipment, enhanced soft skill training, and deeper industry collaboration. ○ Long-term solutions include infrastructure expansion and adoption of competency-based education to support student success.
Adjournment:	The meeting was adjourned at 1:05 PM.

CHAIRPERSON SIGNATURE (or designee):	**DATE:** 04.28.25	**NEXT MEETING:** Fall 2025