

Principles of Applied Engineering - Year at a Glance - 2025/2026

1st Nine Weeks 9wk Start Date: 8/11/25 - 9wk End Date: 10/10/25	3rd Nine Weeks 9 wk Start Date: 1/6/26 - 6wk End Date: 3/6/26
<ul style="list-style-type: none"> ● Unit 01: Introduction to Robotics & Engineering - 10 days <ul style="list-style-type: none"> ○ TEKS in this Unit: PAE 1 (A-D) & PAE 2 (A-C) ○ Target Completion Date: Aug 25 ● Unit 02: Communication & Ethics in Engineering - 10 days <ul style="list-style-type: none"> ○ TEKS in this Unit: PAE 3 (A-D) & PAE 5 (A) ○ Target Completion Date: 9 Sep ● Checkpoint 1A: <ul style="list-style-type: none"> ○ TEKS Assessed: See Unit 1 & 2 TEK above. ○ Window: September 8th - 12th ● Unit 03: Engineering Design Process - 10 days <ul style="list-style-type: none"> ○ TEKS in this Unit: PAE 4 (A-E) ○ Target Completion Date: ● Checkpoint 1B: <ul style="list-style-type: none"> ○ TEKS Assessed: ○ Window: October 6th - October 10th 	<ul style="list-style-type: none"> ● Unit 07: Electricity & Energy Systems - 10 days <ul style="list-style-type: none"> ○ TEKS in this Unit: PAE 10 (A-C) ○ Target Completion Date: ● Unit 08: Robotic Mechanisms- 10 days <ul style="list-style-type: none"> ○ TEKS in this Unit: PAE 11 (A-C) ○ Target Completion Date: ● Checkpoint 3A: <ul style="list-style-type: none"> ○ TEKS Assessed: ○ Window: February 2nd - 6th ● Unit 09: Robotics Control Systems - 10 days <ul style="list-style-type: none"> ○ TEKS in this Unit: PAE 12 (A-C) ○ Target Completion Date: ● Checkpoint 3B: <ul style="list-style-type: none"> ○ TEKS Assessed: PAE ○ Window: March 2nd - 5th
2nd Nine Weeks 9wk Start Date: 10/15/25 - 9wk End Date: 12/18/25	4th Nine Weeks 9wk Start Date: 3/16/26 - 9wk End Date: 5/21/25
<ul style="list-style-type: none"> ● Unit 04: Safety & Tool Use - 10 days <ul style="list-style-type: none"> ○ TEKS in this Unit: PAE 6 (A-D) ○ Target Completion Date: ● Unit 05: Robotics Hardware & Components- 10 days <ul style="list-style-type: none"> ○ TEKS in this Unit: PAE 7 (A-C) & PAE 8 (A-C) ○ Target Completion Date: ● Checkpoint 2A: <ul style="list-style-type: none"> ○ TEKS Assessed: ○ Window: November 10th - November 14th ● Unit 06: Robotics Design & CAD- 10 days <ul style="list-style-type: none"> ○ TEKS in this Unit: PAE 9 (A-C) ○ Target Completion Date: ● Checkpoint 2B: Semester Final Exam <ul style="list-style-type: none"> ○ TEKS Assessed: PAE ○ Window: December 15th - December 18th 	<ul style="list-style-type: none"> ● Unit 10: Robotics Programming - 10 days <ul style="list-style-type: none"> ○ TEKS in this Unit: PAE 13 (A-C) ○ Target Completion Date: ● Unit 11: Engineering Applications & Careers - 10 days <ul style="list-style-type: none"> ○ TEKS in this Unit: PAE 14 (A-C) & PAE 15 (A-C) ○ Target Completion Date: ● Checkpoint 4A: <ul style="list-style-type: none"> ○ TEKS Assessed: ○ Window: April 13th - 17th (Optional for STAAR Areas) ● Unit 12: Capstone Project - 10 days <ul style="list-style-type: none"> ○ TEKS in this Unit: ALL TEKS ○ Target Completion Date: ● Checkpoint 2B: Semester Final Exam <ul style="list-style-type: none"> ○ TEKS Assessed: PAE ○ Window: May 18th - 20th

