

Floydada Collegiate ISD Crosswalk
Energy/ Renewable Energy/ Industrial Manufacturing-Emerging Technologies (IMET)-Level 1 Certification

Program of Study	IHE Partner	Program Previously Offered in District? (Y/N)	Expected Program Student Outcomes
Renewable Energy	South Plains College	N	Program option will contribute to 80% of students earning an associate degree.

Year / Grade Level	High School Course			Post-Secondary Course		
	PEIMS Course/Code #	High School Course Name	High School Credits	Texas Common Course Numbering System Number	College Course Name	College Credit Hours
Total Year 0 High School Credits				Total Year 0 College Credit Hours		
Year 1 / Grade 9	03220100	English I	1			
Year 1 / Grade 9	03100500	Algebra I	1			
Year 1 / Grade 9	03010200	Biology	1			
Year 1 / Grade 9	03340400	World History	1			
Year 1 / Grade 9	PES00052	Foundations in Personal Fitness	1			
Year 1 / Grade 9	TBD	Fine Art	1			
Year 1 / Grade 9	13036800	AC/DC Electronics	1	CETT 1303	DC Circuits	3
Year 1 / Grade 9	13005600	Electrical Technology I	1	CETT 1305	AC Circuits	3
Year 1 / Grade 9						
Total Year 1 High School Credits			8	Total Year 1 College Credit Hours		6
Year 2/ Grade 10	03220200	English II	1			
Year 2/ Grade 10	03100700	Geometry	1			
Year 2/ Grade 10	03040000	Chemistry	1			
Year 2/ Grade 10	03340100	US History	1			
Year 2/ Grade 10	03440100	Spanish I	1			
Year 2/ Grade 10	13032200	Principles of Applied Engineering	1	WIND 1300	Introduction to Wind Energy (TBD)	3
Year 2/ Grade 10	13037000	Robotics I	1	RBTC 1305	Robotic Fundamentals	3
Year 2/ Grade 10						
Total Year 2 High School Credits			7	Total Year 2 College Credit Hours		6
Year 3/Grade 11	03220300	English III	1			
Year 3/Grade 11	03100600	Algebra II	1			
Year 3/Grade 11	03050000	Physics	1			
Year 3/Grade 11	03330100	Federal Government	.5			
Year 3/Grade 11	03440200	Spanish II	1			
Year 3/Grade 11	13032300	Welding I	1	CNBT 1318	Construction Tools & Techniques	3
Year 3/Grade 11	13037600	Digital Electronics	1	CETT 1325	Digital Fundamentals	3
Year 3/Grade 11						
Total Year 3 High School Credits			6.5	Total Year 3 College Credit Hours		6
Year 4/Grade 12	03220400	English IV	.5			
Year 4/Grade 12	03241400	Communication Applications	.5			
Year 4/Grade 12	03102540	Algebraic Reasoning	1			
Year 4/Grade 12	13020600	Anatomy & Physiology or other Science	1			
Year 4/Grade 12	03310300	Economics	.5			
Year 4/Grade 12						
Year 4/Grade 12						
Total Year 4 High School Credits			3.5	Total Year 4 College Credit Hours		0
Total High School Credits			28	Total College Credit Hours		25
Optional Year 5 and 6	13037400	Practicum in STEM	2	INMT 1370	MSSC Production Technician Certification	3
	13036900	Solid State Electronics	1	CETT 1329	Solid State Devices	3
Total Years 5 & 6 High School Credits			3	Total Years 5 & 6 College Credit Hours		6
Total High School Credits			31	Total College Credit Hours		31
Certification (s) to be earned by high school graduation:		FAA Part 107 Remote Drone Pilot				
Degree (s) to be earned by high school graduation:						

*Total year 5 and 6 credit hours are dependent on what student needs to complete the AA, AAS or BA/BS.

*P-TECH students are eligible for support for year 5 and 6.

*P-TECH requires a 300 hour internship in an aligned program of study.

*Course/requirements completed outside of year 5 and 6 are not covered under P-TECH.