Associate in Science Engineering Technology – Renewable Energy Technician Educational Plan (Full-Time)

Fall First Year	Credit	Spring First Year	Credit	Summer First Year	Credit
MAC 1105 College Algebra	3	ETP 1402 Introduction to Solar Energy **or** ETP 1420 – Solar Thermal Systems	3	ETS 1520C Mechanical Measurement and Instrumentation (A Term)	3
ETI 1701 Industrial Safety	3	ETD 1106 - Engineering Design (CAD)	3		
****College Success Competency	2	ETI 1000 Industrial Tools and Equipment	3		
EET 1084C Introduction to Electronics	3	PHY 1020 Conceptual Physics	3		
ETI 1110 Introduction to Quality Assurance	3	ENC 1101 English Composition	3		
Total	**14**	**Total**	**15**	**Total**	**3**
Fall Second Year	**Credit**	**Spring Second Year**	**Credit**	**Summer Second Year**	**Credit**
OCE 2930 Seminar: Renewable Energy from the Oceanic	1	ETP 2281C – Electronic Motors and Battery Management Systems	3		
ETP 2402C Photovoltaic Systems	3	ETP Elective	3		
ETP 1505 Introduction to Hydrokinetic Power	3	ETP 2410C Installation of Solar Photovoltaic Technology	3		
ETP 1530C – Introduction to Wind Energy	3	ETP 2940 Professional Internship for Engineering Technology	3		
****Civic Literacy Competency/Social Science	3				
Humanities: MUL 1010 or HUM 1020 or PHI 2010 or ARH 1000	3				
Total	**16**	**Total**	**12**		

Program Description: Engineering Technology is a growing field with many different potential areas of specialization (e.g. Mechatronics, Electronics, Advanced Manufacturing, Building Construction, etc.). The ET degree in the state of Florida has similar general education requirements and, in most cases, similar ET core requirements. This facilitates the transfer of credit among all Florida public postsecondary institutions and participating private institutions. At The College of the Florida Keys, the ET degree focuses on technician training for the renewable alternative energy career pathways and has areas of specialization for wind, solar and hydrokinetic (e.g. tidal and wave) power industries.

The courses listed on this sheet are only a guide. Following these tracks does not guarantee admission into a university. Course requirements may change each year. You are responsible and encouraged to work closely with your advisor. Some courses are offered night/online only every other year.

For more information, contact advising.services@cfk.edu

Electives (Choose 3 credit hours)
EGN 1002C – Introduction to Engineering (3)
ETP 1520 – Geothermal Energy (3)
ETP 1532C – Installation of Wind Energy Systems (3)
ETP 1506C – Hydrokinetic Power Technician