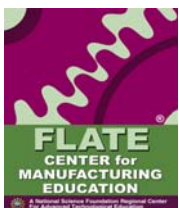
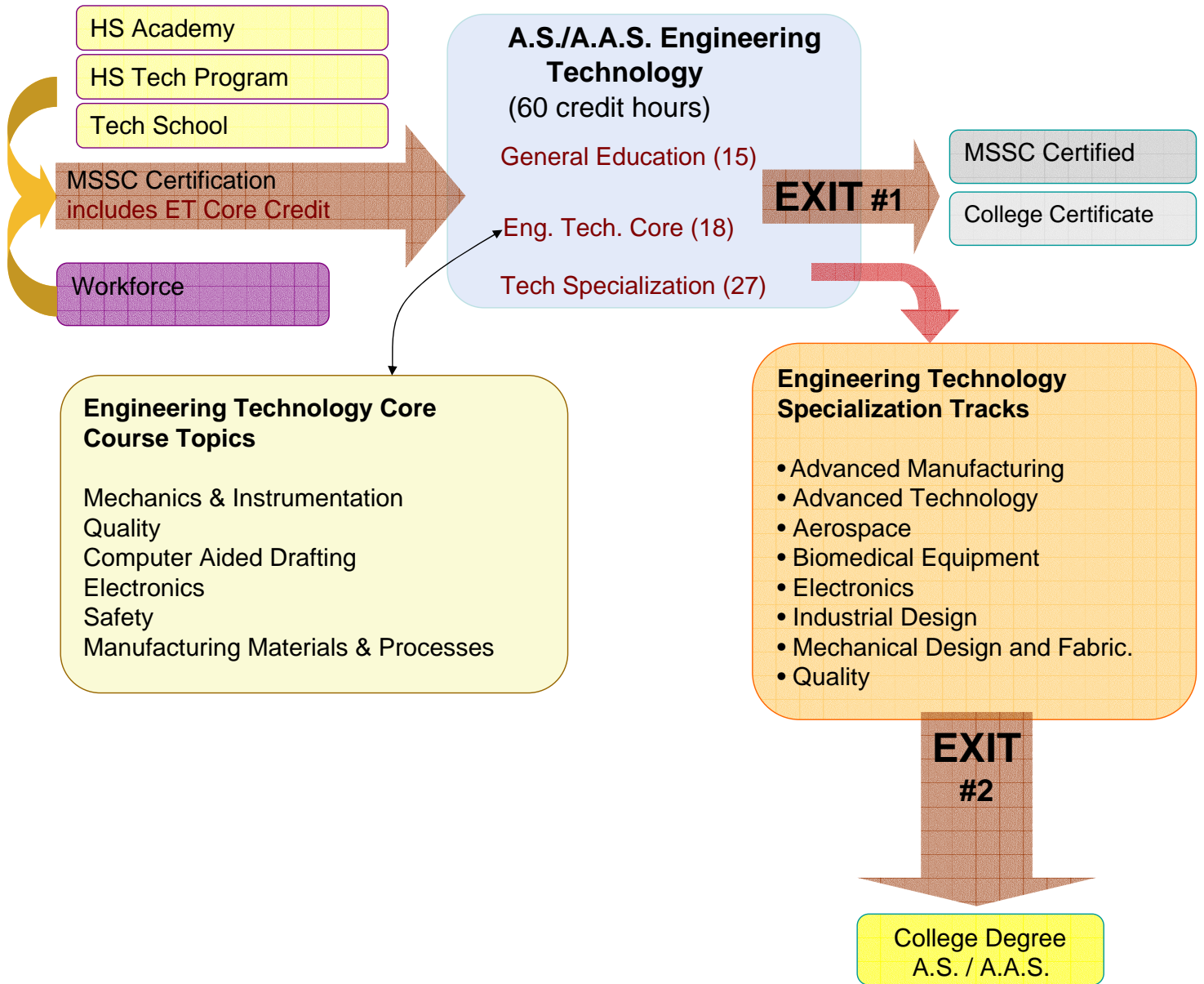


ENGINEERING TECHNOLOGY A.S./A.A.S. DEGREE SPECIALIZATION CERTIFICATES

SPECIALIZATION TRACTS	CERTIFICATES	Certificate Program Requirements			
E.T. Core	Basic Engineering Technology			Introduction to Electronics	3
				Safety	3
				Quality	3
				Computer Aided Drafting	3
				Mechanics and Instrumentation	3
				Manufacturing Materials and Process	3
				Total Certificate Hours	18
Advanced Manufacturing	Automation				
		EST	1542	Introduction to Programmable Logic Controllers	3
		EST	2544	Introduction to Programmable Logic Controllers II	3
		EST	1632	Computer Integrated Manufacturing	3
		EST	1511	Motors and Controls	3
				Total Certificate Hours	12
	Pneumatics, Hydraulics, and Motors for Manufacturing				
		ETI	1420	Manufacturing Processes and Materials	3
		ETM	2315	Pneumatics and Hydraulics	3
		EST	1511	Motors and Controls	3
		EET	1140	Industrial Electronics	3
				Total Certificate Hours	12
	Lean Manufacturing				
		ETI	1622	Concepts of Lean and Six Sigma	3
		ETI	2622	Introduction to Lean Manufacturing	3
		ETI	1100	Quality Assurance	3
		ETI	2144	Topics of Modern Manufacturing	3
				Total Certificate Hours	12
Advanced Technology	Applied Technologist				
		EET	1003	Introduction to Electronics	3
		EETC	1610	Through-Hole and Surface-Mount Soldering	3
		EETC	2620	Advanced Surfaced-Mount Soldering Tech	3
		ESTC	1240	Fiber Optics Technologies	3
		ETIC	2851	Applied Mechanics	4
				Total Certificate Hours	16
Electronics	<i>(still undefined)</i>				
				Total Certificate Hours	x
Mechanical Design and Fabrication	CNC Machinist				
		ETI	2416	Metal Working Processes (welding & CNC)	4
		ETI	2411	Manufacturing Processes (MasterCAM Mill)	4
		EGS	1111	Engineering Graphics	3
		ETI	1931	Special Topics in Manufacturing	1
				Total Certificate Hours	12
	Computerized Woodworking				
		ETI		Wood Working Processes (CNC)	4
		ETI		Manufacturing Processes (MasterCAM Router)	4
		EGS	1111	Engineering Graphics (AutoCAD I)	3
		ETI	1931	Special Topics Manufacturing	1
				Total Certificate Hours	12
Quality	Lean Six Sigma Green Belt				
		ETI	1622	Concepts of Lean and Six Sigma	3
		ETI	2623	The Lean Enterprise for the Expert	3
		ETI	1628	Developing and Coaching Self Directed Work Teams	3
		ETI	2601	Six Sigma for the Expert	3
				Total Certificate Hours	12
	Six Sigma Black Belt				
		ETI	2670	Technical Economic Analysis	3
		ETI	2624	Six Sigma Black Belt Concepts	3
		ETI	2619	Six Sigma Project Management	3
		ETI	2626	Six Sigma Capstone Project	3
				Total Certificate Hours	12

The Florida Engineering Technology Degree Model



d

ate

