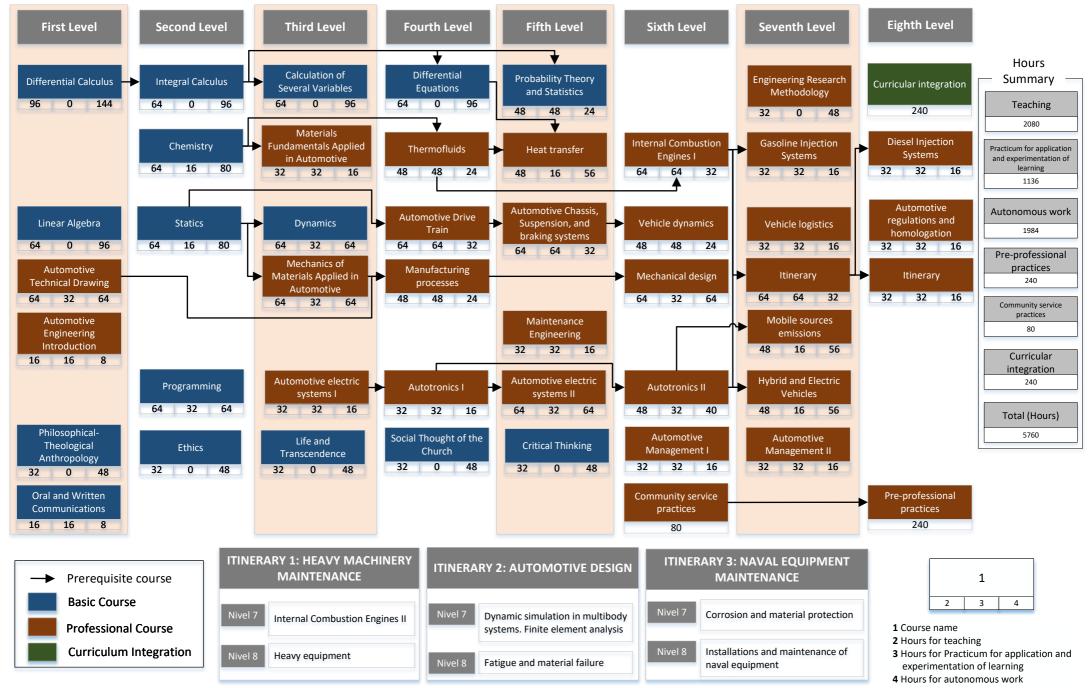


Program: Automotive Engineering Technology

Mode: On Campus

Campus: Cuenca, Quito and Guayaquil





CURRICULUM

Program: Automotive Engineering Technology

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	Professional Course	/	E-CI-IAI-113		ivo prerequisites							



CURRICULUM

SALESI	ECUADOR			Program: Automotive Engineering Technology							
Unit	Level	CODE	Course Name	Prerequisites	Hours for teaching	Hours for Practicum for application and experimentation of learning	Hours for autonomous work	Pre professional practices	Community service practices	Curricular integration	Total Hours
Curriculum Integration	8	E-CT-IAT-123	Curricular integration	No prerequisites						240	240
Professional Course	8	E-CT-IAT-116	Pre-professional practices	E-CT-IAT-115- Community service practices				240			240
Professional Course	8		Diesel Injection Systems	Internal Combustion Engines II (Itinerary)	32	32	16				80
Professional Course	8		Heavy equipment (Itinerary)	Internal Combustion Engines II (Itinerary)	32	32	16				80
Professional Course	8	AUT 47	Automotive regulations and homologation	No prerequisites	32	32	16				80
			Subtotal:		96	96	48	240		240	720
					Hours for teaching	Hours for Practicum for application and experimentation of learning	Hours for autonomous work	Pre professional practices	Community service practices	Curricular integration	Total Hours
			Hours Summary		2080	1136	1984	240	80	240	5760

ITINERARY 1: HEAVY MACHINERYMAINTENANCE

	Unit	Level	Course Name	Total Hours
ĺ	Profesional	7	Internal Combustion Engines II	160
ſ	Profesional	8	Heavy equipment	80

ITINERARY 2: AUTOMOTIVE DESIGN

Unit	Level	Course Name	Total Hours
Profesional	7	Dynamic simulation in multibody systems. Finite element analysis	160
Profesional	8	Fatigue and material failure	80

ITINERARY 3: NAVAL EQUIPMENT MAINTENANCE

Unit	Level	Course Name	Total Hours
Profesional	7	Corrosion and material protection	160
Profesional	8	Installations and maintenance of naval equipment	80