

GREENMA Intensive Course Program (Faculty of Transport, Katowice)				
Date	Schedule	Lesson	Teacher	Hours
17.03.2014	8.30-11.30	Design for recycling as environmental conscious tool in machines designing	Dr inż. Piotr Nowakowski	4
17.03.2014	11.30-14.30	Identification of components and reverse supply chain of waste electrical and electronic equipment	Dr inż. Piotr Nowakowski	4
18.03.2014	8.30-11.30	Methods of end of life vehicle dismantling	Dr inż. Piotr Nowakowski	4
18.03.2014	11.30-14.30	Reverse supply chain for end of life vehicles Design of database for waste management system of end of life vehicles	Dr inż. Piotr Nowakowski	4
19.03.2014	8.30-11.30	A fundamentals of transport safety and ecology	Dr inż. Rafał Burdzik	4
19.03.2014	11.30-13.00	The impact of the technical condition of vehicles on the size of the pollutants in traffic	Dr inż. Jan Filipczyk	4
19.03.2014	13.00-14.30			
20.03.2014	8.30-10.00	Characteristics of the ISO 14001 standard	Dr inż. Robert Wieszala	2
20.03.2014	10.00-11.30	The requirements for an environmental management system In ISO 14001 standard	Dr inż. Robert Wieszala	2
20.03.2014	11.30-13.00	Documents in environmental management system	Dr inż. Robert Wieszala	2
20.03.2014	13.00-14.30	Environmental policy in the transport company	Dr inż. Robert Wieszala	2
21.03.2014	8.30-10.00	Modern materials used in vehicles to reduce pollution	Dr hab. Inż. Tomasz Węgrzyn, prof. nzw. w Pol. Śl.	4
21.03.2014	10.00-11.30			
21.03.2014	11.30-13.00	Elements of the environmental review	Dr inż. Robert Wieszala	2
21.03.2014	13.00-14.30	Identification of key aspects in environmental system	Dr inż. Robert Wieszala	2
24.03.2014	8.30-11.30	Energy conversion –ways for efficiency increasing	Dr inż. Marek Flekiewicz	4
24.03.2014	11.30-14.30	Today and future pathways of vehicle powertrain technology	Dr inż. Marek Flekiewicz	4
25.03.2014	8.30-11.30	EV, HEV, PHEV, hydraulic and pneumatic powertrains	Dr inż. Marek Flekiewicz	4
25.03.2014	11.30-13.00	Sources, technology of production, preparation for used by vehicle	Dr inż. Grzegorz Kubica	2
	13.00-14.30	Combustion in SI engine, fuel systems , fuel storage on-board	Dr inż. Grzegorz Kubica	2
26.03.2014	8.30-11.30	Combustion in SI engine, fuel systems , fuel storage on-board	Dr inż. Grzegorz Kubica	4
	11.30-13.00	Alternative fuel impact of the environment		2
	13.00-14.30	Biofuels – new generation		2
27.03.2014	8.30-11.30	A recognition the risks from exposure to noise and vibration for antropotechnical systems	Dr inż. Rafał Burdzik	4
27.03.2014	11.30-14.30	Vibration environmental pollutions of as means of transport	Dr inż. Rafał Burdzik	4
28.03.2014	8.30-10.00	Noise environmental pollutions of as means of transport	Dr inż. Rafał Burdzik	2
	10.00-11.30	A performs measurements of chosen physical	Dr inż. Łukasz	2

		values	Konieczny Dr inż. Rafał Burdzik	
	11.30-13.00	A distinction of measurement converters types using in vibroacoustics diagnostics	Dr inż. Łukasz Konieczny	2
	13.00-14.30	A selection of proper measurement methods and signal processing for the analysis purpose	Dr inż. Łukasz Konieczny	2
	14.30-16.00	A using of signal processing methods	Dr inż. Łukasz Konieczny	2
17.03.2013- 28.03.2013				80

17	18	19	20	21	24	25	26	27	28
PN	PN	RB	RW	TW	MF	MF	GK	RB	LK
PN	PN	RB	RW	TW	MF	MF	GK	RB	LK
PN	PN	JF	RW	RW	MF	GK	GK	RB	LK
PN	PN	JF	RW	RW	MF	GK	GK	RB	LK

PN – Piotr Nowakowski

JF – Jan Filipczyk

RW – Robert Wieszala

TW – Tomasz Węgrzyn

MF – Marek Flekiewicz

GK – Grzegorz Kubica

RB – Rafał Burdzik

LK – Łukasz Konieczny