

**Course Timetable – Specialization Automotive Technology – Overall View –  
Trimester 1-9**

**1. English Language**

Modules and related Courses	Trimester	Assessment Method of Module Examination	If necessary partial study performance	Students Workload		ECTS	Responsible lecturer of Module
				Contact Hours	Independent Study		
English I	1	Written or oral examination	Presentation / Tests	144	66	7	Neil Turley
Course 1							
Course 2							
English II	2	Portfolio	Tests	144	66	7	Neil Turley
Course 1							
Course 2							
English III	3	Written examination	Tests	144	66	7	Neil Turley
Course 1							
Course 2							
English IV	4	Written or oral examination	Presentation / Test	48	12	2	Neil Turley
Course 1							
Course 2							
English V	5	Written or oral examination	Presentation / Tests	48	12	2	Neil Turley
Course 1							
Course 2							
English VI	6	Portfolio	Tests	48	12	2	Neil Turley
Course 1							
Course 2							
sum				576	234	27	

## 2. Islamic Studies

Modules and related Courses	Trimester	Assessment Method of Module Examination	If necessary partial study performance	Students Workload		ECTS	Responsible lecturer of Module
				Contact Hours	Independent Study		
Islamic Studies I	1	Written or oral examination	Presentation / Tests	36	24	2	Dr. Al-Hoshan
Course 1							
Course 2							
Islamic Studies II	8	Portfolio	Tests	36	24	2	Dr. Al-Hoshan
Course 1							
Course 2							
sum				72	48	4	

## 3. Vocational Pedagogy

Modules and related Courses	Trimester	Assessment Method of Module Examination	If necessary partial study performance	Students Workload		ECTS	Responsible lecturer of Module
				Contact Hours	Independent Study		
Key Competences for Academic Studies	1-3	Portfolio Examination		72	108	6	Ivan Kuzio
Basic Study and IT Skills	1		Portfolio Deliverables (e.g. Work Plan, Mind Map, Internet Communication)				
Advanced IT Skills	2		Portfolio Deliverables (e.g. Word File, Spreadsheet, Presentation)				
Skills for Academic Studies	3		Portfolio Deliverables (e.g. Mini Thesis)				

Modules and related Courses	Trimester	Assessment Method of Module Examination	If necessary partial study performance	Students Workload		ECTS	Responsible lecturer of Module
Fundamentals of Learning and Teaching	4	Trial Run Teaching Session (TRTS)		96	114	7	Lars Fiechel
Fundamentals of the Learning Process			Deliverables (e.g. Essay, Communication Profile, Learn Letter)				
Lesson Planning			Lesson Plan Deliverables (e.g. Learn Letter)				
Teaching Practice 1			Deliverables (e.g. Learn Letter, Observation Sheets)				
Didactics, Learning Technologies and Teaching Practice	5	Written Examination / Trial Run Teaching Session (TRTS)		96	114	7	Mohamed Arifin
Didactics			Deliverables (e.g. Reports, Lesson Plan)				
Teaching Practice 2			Deliverables (e.g. Observation Sheets)				
Learning Technology			Deliverables (e.g. Essays, BL-Website)				
Subject Didactics and Teaching Practice	6	Portfolio Examination / Trial Run Teaching Session (TRTS)		96	114	7	Dr. Chokri Guellali
Subject Didactics			Deliverables (e.g. Lesson Plan)				
Teaching Practice 3			Deliverables (e.g. Observation Sheets)				
TVET in the Kingdom of Saudi Arabia	7	Written Examination / Project		48	72	4	Dr. Volker Paul
The TVET System in Saudi Arabia			Deliverables (e.g. Questionnaire Catalogue)				
Vocational Field							

Practice							
Modules and related Courses	Trimester	Assessment Method of Module Examination	If necessary partial study performance	Students Workload		ECTS	Responsible lecturer of Module
Complex Teaching-Learning Arrangements and Teaching Practice	7	Portfolio Examination / Trial Run Teaching Session (TRTS)		72	78	5	Dr. Rainer Gerke
Complex Teaching-Learning-Arrangements			Deliverables (e.g. Educational Project Plan, Lesson Plan)				
Teaching Practice 4			Deliverables (e.g. Observation Report)				
Planning Education Processes	8	Education Process Plan		48	72	4	Dr. Rainer Gerke
Planning Assessment Processes			Deliverables (e.g. Written Test Design, Practical Test Design)				
Planning Teaching Units			Deliverables (e.g. Teaching Unit Plan)				
Advanced Teaching Practice	8	Portfolio Examination / TRTS		72	78	5	Andreas Reinholz
Differentiation and Classroom Management			Deliverables (e.g. Assignments)				
Teaching Practice 5			Deliverables (e.g. Lesson Plan, Learning Diary)				
<b>sum</b>				600	750	45	

#### 4. Automotive Technology

Modules and related Courses	Trimester	Assessment Method of Module Examination	If necessary partial study performance	Students Workload		ECTS	Responsible lecturer of Module
				Contact Hours	Independent Study		
Mathematics I	1	Written examination	Assignments / Test	48	42	3	Zoua
Production Engineering I	1	Written examination	Presentation / Test	84	36	4	Hoth
Technical Drawing 1							
Material Science							
Measuring & Marking Out							
Mathematics II	2	Written examination	Assignments / Test/	48	42	3	Zoua
Production Engineering II	2	Project/ Presentation		60	30	3	Hoth
Technical Drawing 2							
Production Techniques 1							
Engineering Physics 1	2	Written examination	Assignments / Test	60	30	3	Zoua
Introduction to Automotive Technology	3	Practical examination	Test/ Assignments	72	48	4	Hennig
Engineering Physics 2	3	Written examination	Assignments / Test	96	54	5	Oluoch
Fundamentals of Automotive Control Technology	4	Written and practical examination	Presentation/ Assignments/	84	66	5	Hennig
Fundamentals of Electrical Engineering							
BUS Systems							
Automated Systems	4	Written- and practical examination	Presentation / Assignments	84	96	6	Ludwig
Instrumentation and Control							
Hydraulics and Pneumatics							
Engine Technology	5	Written – and practical examination	Presentation	168	162	11	Schulz
Engine Diagnosis and Testing	6	Practical examination	Presentation/ Test	48	42	3	Schulz

Drive Train Technology	6	Written- and practical examination	Presentation/ Assignments	120	120	8	Schulz
Physical Principles of Drive Trains and Drive Train Elements							
Manual and Automatic Transmission and Final Drives							
Drive Train Diagnosis and Testing							
Chassis Technology	7	Written- and practical examination	Presentation/ Assignments	144	186	11	Schulz
Dynamic of Vehicles							
Steering and Suspension Technology							
Brake Systems							
Brake and Suspension Diagnosis and Testing							
Automotive Electrical Systems	8	Written- and practical examination	Presentation/ Assignments	108	132	8	Hennig
Automotive Lighting Systems							
Automotive Charging and Starting Systems							
Automotive Safety and Comfort Systems							
sum				1224	1086	77	

## 5. Company Field Practice

Modules and related Courses	Trimester	Assessment Method of Module Examination	If necessary partial study performance	Students Workload		ECTS	Responsible lecturer of Module
				Contact Hours	Independent Study		
Company Practice I	Field	1,2 or 3	CFP Report		180	6	XY
Company Practice II	Field	8 or 9	CFP Report		180	6	XY
sum					360	12	

## 6. Bachelor Thesis

Modules and related Courses	Trimester	Assessment Method of Module Examination	If necessary partial study performance	Students Workload		ECTS	Responsible lecturer of Module
				Contact Hours	Independent Study		
Bachelor Project	9	Thesis			360	12	XY
Bachelor Thesis Seminar		Presentation		36	54	3	XY
sum				36	414	15	

sum				2508	2892	180	
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