UNIVERSITY OF PANNONIA

COURSE DATASHEET

Semester:	2015/16/1
Course:	Audit in automotive industry
Code:	VEMKFOT145A
Responsible department:	Department of Process Engineering
Department code:	MKFO
Responsible instructor:	Dr. János Abonyi

Course objectives:

Overall knowledge of organizing, coordinating and realization of internal audits.

Overall knowledge of organizing, coordinating and realization of VDA 6.3 's audits.

Course content:

Importance of auditing, standard regulations of auditing
Audio type:
• Internal, customer, certification audits features
• System, process, project, product, other special features of audits (eg, warehouse, witness, D / TLD)
The process of auditing (ISO 19011 expectations, audit plan, audit program, audit report, measures)
Speciality of Audit methods (VDA, ISO)
Audit techniques and methods
Review of controlled, generated documentations during the auditing
The auditors qualifications, ability
The outcome of the audit, the results of treatment
The audit as a tool for continuous improvement

Presentation of VDA system :
• VDA 6 basic of Quality management audits
• VDA 6.1 system audit
• VDA 6.2 Quality management system audit services
• VDA 6.3 Process Audit
• VDA 6.4 Quality management system audit tools manufacturer
• VDA 6.5 Product audit
• VDA 6.7 Process Audit manufacturing custom manufacturing
interpretation of VDA system

Requirements, evaluation and grading:

the conditions of the Fulfillment of sub-modules:

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Requirements, evaluation and grading:

The written exam includes the full content of lectures and full content of note.
the conditions of the Fulfillment of the modul is the participation in the performance, write the test successfully and the submitting task,too.
Written assignment:
complete the test succesfully, which contains 20 multiple-choice questions.(Required minimum level of 80%)
Submitting task :
Write a submitting task, which is the part of the 10 pages portfolio.This task is approved by the teacher.
During 2 semesters each submitting task should related to the same product and production process.
This task should summarize the implementation of the development work which is closely related to the content of the sub module.
Evaluation System:
-Pass: successful test and the submitting task accepted by the teacher
_FAil: failure of the test or the submitting tasks is not accepted by the teacher

Required and recommended readings:

Kósi-Kovács-Kőmíves-Varga: Auditálás, menedzsment rendszerek, Közgazdasági és Jogi Kiadó, 1997

dr. Gutassy Attila: Ellenőrzés és minőségbiztosítás, Műszaki Könyvkiadó, 2010

Gaál Imre: A VDA 6.1 és VDA 6.3 gyakorlati alkalmazása az AUDI Hungária Motor Kft-nél, SZIF Kiadó, 2000