TRIDOX Tools & Technosystems

Personal Data/ Company profile

Name:	**Serafim Triantafillidis**
Born:	1967 in Mutlangen/Germany
Citizenship:	Greek/German
Marital Status:	Married, three children
1985	Graduation: Greek grammar/ high school German / high school (***Industrial technologies & Trade*** Schwäbisch Gmünd)
1985-1988	**Trainee in industrial mechanics** (Tool maker/Fitter)
1988	**Qualified Mechanic** in maintenance department
1990	**Specialist in Test bench preparation** Department/Quality assurance
1996-1998	Graduation **Master craftsman manufacturing and engineering** Production Manager Department part manufacturing/machining process
1998-2001	Graduation **Engineering & Business Management** Sales Engineer/ Conveying Systems
2005-2009	**Managing Director**/Conveying Systems (Head of R&D Engineering-Team)
2009	**CEO Managing Director**/Company foundation ***TRIDOX Tools & Technosystems*** ***Subject:*** Engineering services, CAD-Training, CAD-Consulting
2010	**Certified lecturer & application Engineer** /Autodesk 2D and 3D Software

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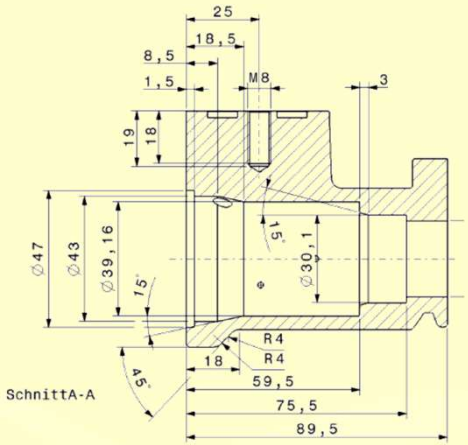
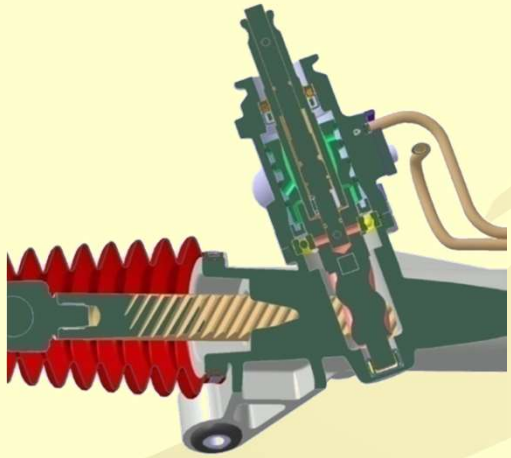
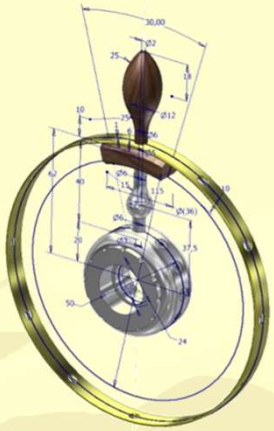
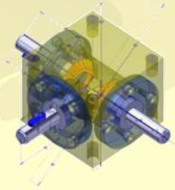
Your reliable partner for basic and advanced CAD-Training

- **CAD-CAM-Services**
- **CAD-Training in German, English, Greek**
- **CAD- Consulting**









CAD-Education partner of the
SRH-University Heidelberg
Lecturer in the faculty:
School of Engineering & Architecture
Mail: Serafim.Triantafillidis@fh-heidelberg.de

HOCHSCHULE SRH HEIDELBERG

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TRIDOX Tools & Technosystems

The Philosophy

Our philosophy is, to proceed by using modern tools; new systems and smart teaching methods in order to for fill the needs of our customers, especially in the aria of 3D-CAD engineering, services and training.
The goal is to meet, convince and satisfy the customer demands in a long term.
Expertise from many years of experience and continuing further education assures a high Quality customer service.

Παν Μέτρων Άριστον! **„Pan Metron Ariston“**

“The measure is the mean core of all things ” that means to keep in moderation, equilibration ore balance! Kleobulos 600 BC.

„Perfection is achieved, not when there is nothing more to add,

but when there is nothing left to take away“

Antoine de Saint-Exupery: 1900-1944

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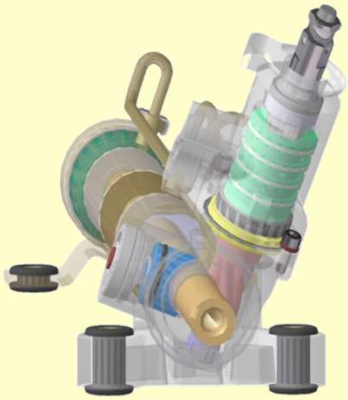
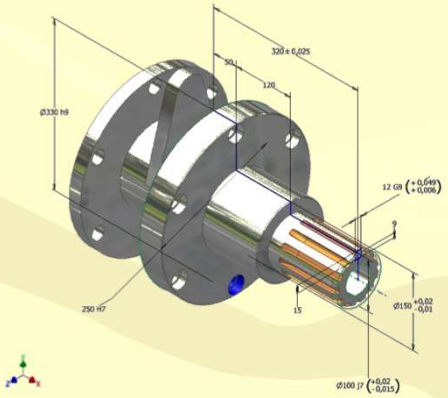
Extract from the modular CAD-Training Concept





- Introduction in to the user interface of INVENTOR-2013/CATIA V5/Solid-Works
- System settings (applications and adjustments)
- Define project folder/file linking/ path definition.
- Sketching environment: Editing sketches, geometric shapes and parametric properties
- Creation of working elements (Planes/axes/ reference points/ UCS)
- Part/solid creation: editing of various geometrical body's and shapes
- Programming and applying of physical properties/to parts/solids.
- Creating multi body models/model derivation/linking of master sketches and Master Models with custom parameters/mathematical formulas / algorithms ***fx***-links to external references. For example links from or to Excel lists.
- Version control via I-part and Excel lists.
- Assembly modeling: Top down / bottom-up method.
- Controlling and analyzing assemblies and subassemblies.
- Processing and define kinematic movements, checking of interferences.
- **FEM** – analysis & dynamic simulation: parametric parts/assemblies.
- Export and documentation of computed results.
- 2-D drawing: Creation of views, sections, exploded views and part numbers.
- Creation BOM/Bill of material/parts lists bedded in the 2-D drawing or export into various file formats e.g. Excel/txt/etc.

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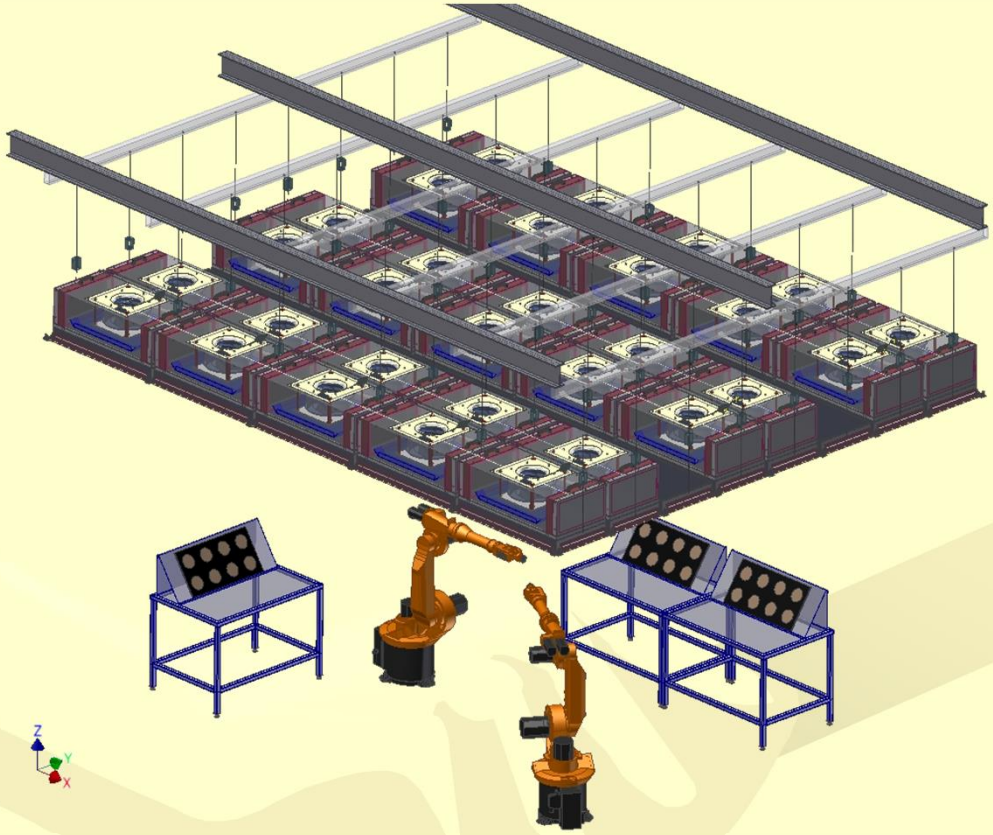
Completion of the modular course “CAD-Project “



Upon completion of the CAD module (**duration form 2-6 weeks**) the whole subject matter is crowned with a final project.

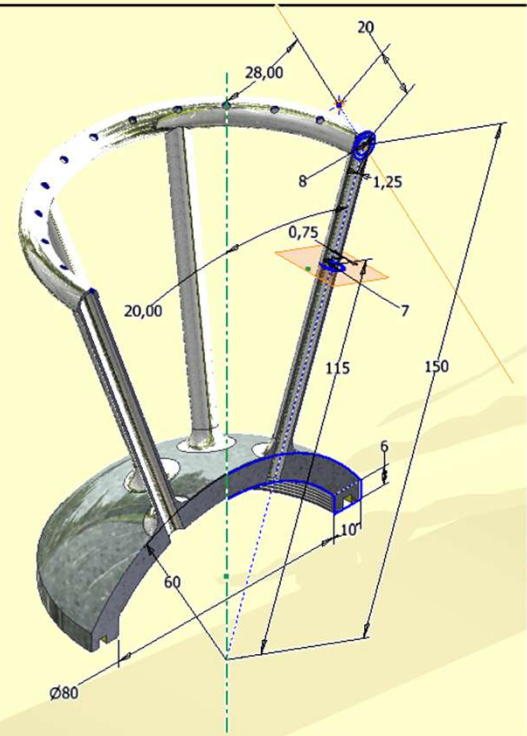
Thereby the participants have the opportunity to select an individual or a group/shared project.
The projects are aligned to real occasions/ practice and could be later used as **reference ore template**.

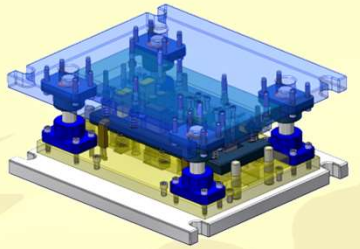
After reaching the end of project phase, the participants can use PowerPoint to present the results to their superiors or Board.

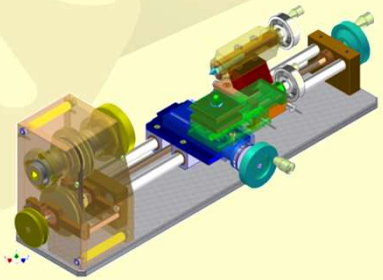
In this context there is an additional possibility, to prepare and present the whole project in German, English or Greek language by using the lecturer’s help.

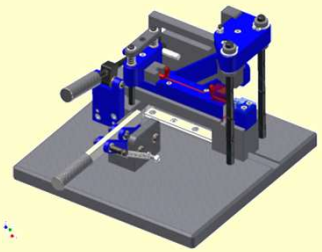
TRIDOX – Services &Consulting

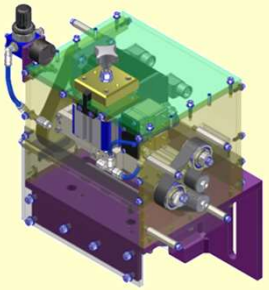
- **CAD-CAM Services**
- **CAD-Training**
- **CAD-Consulting**











TRIDOX CAD-Schulungen

Your reliable partner for basic and advanced CAD-Training

- **Autodesk AutoCAD**
- **Autodesk AutoCAD-Mechanical**
- **Autodesk Inventor**
- **Autodesk Nastran**
- **Autodesk Showcase**
- **Dassault Systemes CATIA V-5**
- **Dassault Systemes Solid Works**

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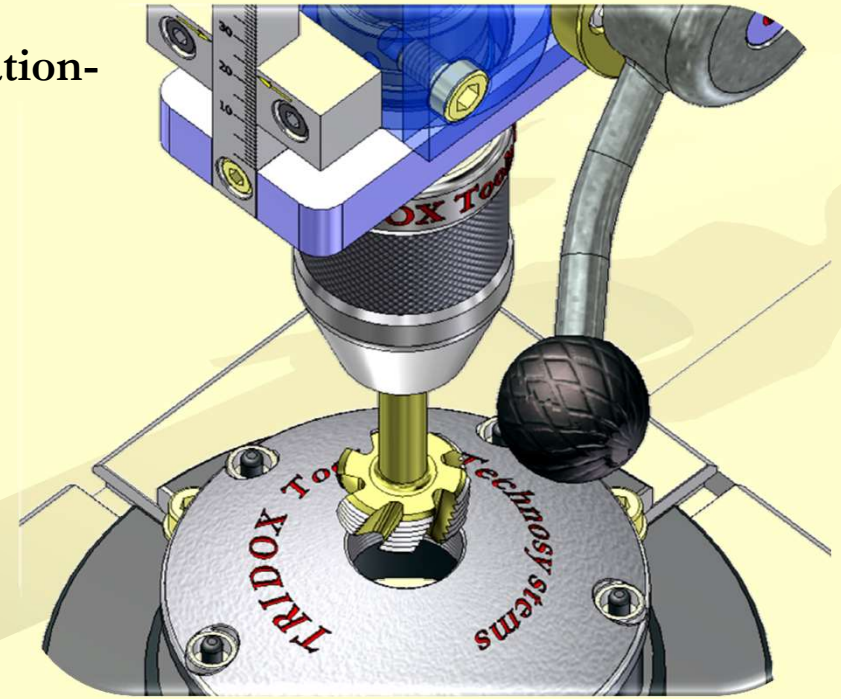
Your reliable partner for CAD-Training, CAD-Services & Consulting

For any further questions,
or for preparing your special quotation-
or a site visit ....

We are at your disposal!



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