Bachelor theses

Mužila, M.: Determination of the main problems in resistance spot welding of car bodies
Haladová, K.: Use of Additive Technologies in Medicine
Martišík, M.: Reengineering of roughing of the segments in EMT Púchov s. r. o. company
Marušinec, J.: Design of assembly of a lifting device for manipulation with motors
Mičko, R.: Edge preparation of shank tools
Duriš, O.: Cameras systems at assembly
Fulier, M.: Design and assembly of domestic circular
Gondár, A.: Design for assembly of cross bicycle
Gubien, T.: 3D digitizing of complicate shaped objects in medicine
Harsányiová, J.: Wear of dies drawing at steel wire wet
Kresáň, D.: Parametrization and associativity of similar in shape components in EMT Púchov s.r.o. company
Kubáň, L.: Production design of a chosen component on turning center DMG CTX 500 ALPHA
Kumpán, J.: A Proposal and manufacturing of a rotary component using CAD software and 3D printer Zortrax M200
Kurtulík, A.: Analysis of capability of the optical 3D scanner ATOS for shape measurement
Procházka, J.: Shape and Geometrical Analysis of Welded Joints using 3D Scanners
Zapletal, M.: Explosion welding of combined light alloys
Zvonár, M.: Proposal production of sheet metal storage box
Žársky, M.: Beam welding of duplex steel
Hireš, V.: Advisability of segment coatings for feeding wheels used for face grinding
Jókai, M.: Comparison of the block and the rolling press tool
Jurík, P.: Technologic process and construction of the die for forging shape lever with using computer aided
Karnasová, K.: The use of Computer Aided Technologies in dentistry
Kováčik, I.: Modeling of the Moving Kinematic Scheme for Screw Press
Benda, T.: Cutting ompounds
Bitala, F.: Mathematical models for the definition of a heat source in the processes of laser welding
Cibulka, M.: Using of software Powershape in the process of designing the tools
Čelko, J.: Modelling of moving kinematic diagram of crank mechanical press
Dráb, M.: The measuring and evaluation software Calypso
Bolibruchová, J.: Measurement of surface roughness, focusing on measurement technology Surfcom S5000
Bugár, A.: Effect of Cylindricity Measuring Conditions for The Measuring Result
Janic, M.: The structural design of three-axis hobby CNC mill
Jurík, D.: Proposal of a clamping device for KZ48
Mikulášek, Ľ.: Mechanism 3- axis milling machine created in CATIA V5
Murčo, M.: Overview of machines and tools in practice for cam manufacturing
Ondica, S.: Proposal for an industrial robot grippers for operating a lathe in PVS
Pekarovič, A.: The use of robotics and manipulator equipment in production process
Polák, M.: Possibilities of using camera systems fo quality control of products
Antl, M.: A design for manufacturing a brake pedal using an investment casting method
Bachratý, P.: Analysis of the possibilities of forming alloys of Hardox
Belica, P.: Measurable Parameters Gears on Coordinate Measuring Machine
Blaško, I.: Proposition of manufacturing process for the modelling of flat plastic

Babiš, A.: Transportation and storage in production systems
Behrová, S.: Stress - strain analysis of selected parts of dynamic loaded manipulator
Dvorák, D.: Dependability of Production on Maintenance of Manufacturing Machinery
Fuksa, J.: Vibration isolation of critical nodes of production systems
Chocholáček, E.: Design of E-learning module for Subject field of tolerance of dimensional accuracy within Subject "Fundamentals of Design and technical documentation"
Remiaš, D.: The Choice of cutting tools for machining CNC milling machine EMCO Concept MILL 105
Sedlák, M.: Application possibilities of coordinate measuring machines
Szarka, D.: Method for design of electropneumatic control circuit
Ševcech, A.: Creating model and drafting of new component base for system iCIM 3000
Štefka, L.: Measurement of basic parameters of surface roughness
Babirát, M.: Design and application of selected geometrical tolerances for ordered group of components
Krídl, R.: Unconventional ways of increasing the life of forging dies
Rybárik, J.: Proposal preparation for clamping particle board for drilling
Šatka, D.: The software for measurement and evaluation of surface roughness
Štefíček, T.: The Assessment of Residual Bearing Resistance of Water Reservoir Overflow Floodgate
Štefula, P.: Design of fixing components for the RJ45 connector in the production line
Talába, M.: Design of assembly of airhandling unit in BAT - klima s.r.o.
Tomášek, P.: Influence of the roundness measurement conditions on the result of measurement
Tomeček, R.: Application of computer support on design and construction of unibody design
Tóth, A.: The methodology of creating shank tools in system NUMROTO Plus
Vetro, M.: The Benefits of Gas Assisted Injection Moulding
Vinek, M.: The use of computer-aided technologies in medical production
Vittek, M.: Influence of CAD orientation in the process of Rapid Prototyping on geometrical and dimensional accuracy of components
Vozár, M.: Rheologic properties of polymers
Werškov, L.: Design of 3D printer
Zelenka, R.: Measurement of rotation head on SMS
Počuch, M.: Application a spreadsheet to design cutting tools
Prekop, F.: Design and production of prototype component by CAD software and 3D printer Zortrax M200
Rendek, R.: Precision of CAD models
Rubaninský, M.: Increasing durability of shank cutting tools
Ondreják, M.: Design and manufacturing of special tools
Osuský, P.: Measurements through the X-Ray technology
Papšo, Š.: Support measuring probes NC machines CAM applications
Mikula, M.: Design of equipment for installation of fuel hoses
Mogyorósi, L.: Introduction of drawingless manufacturing for non-rotating parts
Pätoprstý, B.: Options of manual 5 - axis programming in the control system Heidenhain iTNC 530
Zicho, P.: Repair of injection mold
Kormúth, V.: Welding of combined materials with a laser beam
Lopatková, M.: Welding of duplex stainless steel by arc and beam technologies
Markuš, M.: Comparison of options in production of drivewheel prototype using Rapid Prototyping methods

Mihál, G.: The use of modern defectoscopic methods for the evaluation of internal errors in welding joints
Mihalička, M.: Welding light non-ferrous alloys in the aerospace industry using a laser beam
Morbacher, P.: Impact of Cutting Depth on Roundness and Roughness of the Turned Surface
Moško, A.: Electron beam welding in the automotive industry
Nejedlík, M.: Study of weldability ultra high strength boron alloy steel 22MnB5
Opatík, V.: Design of wax pattern drive wheel for utility loader
Hudek, J.: Potential uses of cross wedge rolling technology in forming
Chnápko, M.: Laser welding of powertrain components
Fridrich, M.: Metallurgical joining of aluminium alloys to steel with laser
Hrobár, J.: Study of weldavility Mg alloy with FSW method
Hudec, P.: Metallurgical joining of magnesium alloy to steel with laser
Ivanovičová, L.: Electron beam welding of light non-ferrous metals
Jalakša, R.: Tailor Blanks technology and its applications in the automotive industry
Blšťák, M.: A design for manufacturing a ceramic mold for casting a statuette
Bohunický, S.: Monitoring of welding processes
Bokor, M.: Innovation in the control of arc welding processes
Čirka, P.: Electron beam welding machines
Duchoslav, M.: Research on the effect of temperature on the volume of non-ferrous alloys formability light
Forrová, D.: The possibilities of force determining in forming processes