The Master of Science Degree Course in Mechanical Engineering for Design and Production (LM IMPP) is aimed at training a mechanical engineer with specific skills in the sector of Mechanical Design and Production. It is a studying path that guarantees the student to form himself by obtaining the high technical skills required by the market as demonstrated by the number of employed three years after the Degree, which was for the year 2018 equal to 96.3% and with an unemployment rate of 1.3% (AlmaLaurea database 2018).

The strength points of the Master of Science degree course in Mechanical Engineering for Design and Production are to be found in the wide educational offer, in the possibility of activating curricular internships and master theses in a company or at international research institutions for all students through agreements or exchange programs international (Erasmus+ programs, bi-lateral agreements among Universities).

Some fields of application

Links

General Info for international student mobility
www.international.unina.it/welcome-message/

School "Politecnica e delle Scienze di Base"
www.scuolapsb.unina.it

Department of Industrial Engineering
www.dii.unina.it

Master's in Mech. Eng. for Design and production
meccanica.dii.unina.it

For more info: mail to the course coordinator
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antonio.langella@unina.it

updated to May 2020
The course of study foresees a first common year with five compulsory exams to create a solid basic preparation and a second year in which the student follows a “path of specialization” in design or production topics and issues. 5 training courses have been identified with specific study plans in: Advanced Mechanical Design, Advanced Manufacturing, Road Vehicle Design, Technological Processes, Mechatronics, and a Curriculum in Railway Mechanics.

The offer of traineeships reaches all graduating students, by way of example, the major companies involved are: ADLER Plastic spa, CRF spa, FCA spa, GE Avio spa, Hitachi Rail spa, Leonardo spa, Laminazione Sottile spa, Aerosoft spa, Abete srl, DEMA spa, LMC spa, De Iulis Macchine spa, OMPM srl, LAER Aeronautica srl, CAM srl, Nashira Harmetals srl etc.

The Master’s Degree in Mechanical Engineering for Design and Production allows you to have a profile of:
• mechanical engineer designer who finds employment in the field of study and products development (from simple elements to complex machines) with advanced drawing techniques (CAD, virtual reality) and design (FEM) for mechanical and mechatronic components and products of general use in the various industrial sectors (vehicles, machines, production plants, sports equipment, leisure time, etc.);
• mechanical production engineer who finds employment in every type of industry as regards the development of manufacturing and manufacturing processes with particular attention to the most modern processes with innovative technologies (such as additive technologies: 3D printing), in management of production lines, planning of manufacturing processes, maintenance of industrial plants, etc.