

The background of the top half of the page is a collage. It features a large, faint European Union flag with its characteristic yellow stars on a blue field. Overlaid on this are several smaller, colorful rectangular images showing people in various professional and technical settings, such as working on computers, using tools, and in laboratory-like environments. The colors of these images are vibrant, including blues, oranges, greens, and purples.

Join the **ultimate skills challenge** at **EuroSkills 2008**

18, 19 and 20 September

Ahoy Rotterdam - The Netherlands

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Competition Catalogue



"Skills for a strong Europe"

From September, the 18th – 20th 2008 a new and exciting event will be taking place in Rotterdam, in The Netherlands. At the Ahoy exhibition centre hundreds of talented and skilled young people and VET students from across Europe will be showing off their skills, through competitions and demonstrations, at EuroSkills 2008.

Many European trades will be highlighted through individual and team competitions and demonstrations. EuroSkills 2008 is a perfect showcase for modern and traditional European trades, values and cultural heritage and will therefore contribute significantly to the competitiveness and economic growth of Europe.

The event itself has been developed and is coordinated by European Skills' members. EuroSkills creates interesting opportunities for growth and innovation for the whole of Europe. The event will consist of vocational competitions, demonstrations, interactive events and conferences and will host visitors from across Europe.



"This first competition for the European region will test vocational skills that are important for Europe and its economic growth and competitiveness"

Ján Figel
EU Commissioner for Education,
Training, Culture and Youth



"I invite everybody to visit EuroSkills 2008 in Rotterdam and be inspired"

Ivo Opstelten
Mayor of Rotterdam



"Euroskills is about putting skilled young professionals in the spotlights and that's exactly where they belong."

Marja van Bijsterveldt-Vliegenthart
State Secretary for Education,
Culture and Science

Welcome to the EuroSkills 2008 Competition Catalogue

Who wants to become EuroSkills Champion 2008?

The EuroSkills 2008 event, will be a perfect showcase for today's craftsmanship and vocational education and training (VET) and Skills Excellence in Europe. Hundreds of young professionals, VET students and graduates, will compete and demonstrate their skills in around 50 typically European trades for the first time. With this catalogue we introduce you to the range of European competitions and trades which will be taking centre-stage in an international arena in 2008.

In Rotterdam these young, European professionals will encounter many of their European colleagues and together they will present their talents and skills to a broad public. Due to the competitive element, they need to produce the finest work they possibly can in order to become the best in Europe within their trade. Their performance will enable us to promote the excellent talents of these skilled youngsters. This will not only inspire others but also give them and their skills a sense of recognition. For the individuals involved it will be a 'once in a lifetime' experience which could have a very positive impact on their careers.

The selection of the competitions and trades is based on the working together with several international stakeholders from industry, the educational field and government. All these parties play an important role in the promotion of skilled trades due to the importance of these trades for the economy. The final goal for each competitor of course is becoming the EuroSkills Champion 2008 in their trade! An even greater accomplishment during EuroSkills 2008 is winning the Team Challenge together with the team members.

For the parties involved, EuroSkills 2008 provides unique opportunities for the development of new and attractive ways in promoting skilled labour and educational pathways in VET in a European context. The EuroSkills event is organised under the supervision of ESPO (the European Skills Promotion Organisation) in conjunction with WorldSkills.



In the coming months the selections of the young, skilled competitors will take place and the catalogue provides a guide to this. The catalogue gives an overview of the competitions and enables organisations and stakeholders in the different European countries to determine which skills' areas may interest them in terms of participation.

I wish you all the best in selecting the right competitions and competitors and hope to see them next year in Rotterdam for a great experience.

Jos de Goey
President ESPO (European Skills Promotion Organisation)

What is EuroSkills 2008?

The EuroSkills event has a thematic and open approach in which you can see and experience a variety of skills' competitions and trade demonstrations. Throughout the competition there will be a constant element of excitement derived from watching the different skills in action, being involved in hands-on activities and by getting additional information about the trades presented (vacancies, earnings, training opportunities, etc). EuroSkills 2008 focuses on the vocations and skills necessary to maintain Europe's competitive edge in the world. The skills' competitions accurately reflect the vocational standards required by EU member states and the EU as a whole. The competitions lie at the heart of the EuroSkills event as they have the greatest value in terms of promotion and publicity. EuroSkills 2008 is supported by the European Commission, the Dutch ministries of Education and Culture, Economic Affairs and Agriculture and the City of Rotterdam.

Who is EuroSkills 2008 for?

EuroSkills 2008 is open to young people who have gained, or are gaining, vocational skills in a wide range of industries and businesses, at many different levels. Many skills encompass several competitions, each of which has specific entry requirements with regard to age, extent of work experience and/or level. In keeping with the main routes into employment, most competitors will be apprentices, college students, trainees and/or employees. Candidates from countries belonging to the European Union, including EFTA and candidate states can take part in EuroSkills 2008. Countries can only subscribe to EuroSkills 2008 after becoming a member of ESPO. Their candidates should be between 17 and 25 years of age, and have been born on or after 1 January 1983. Each competition has a restricted number of participants. For team competitions a maximum of 10 to 12 competitors can be accommodated per competition. Special hospitality packages have been created to accommodate competitors, staff and their friends and relatives.



Competitors' Village for all European competitors

EuroSkills 2008 will feature a Competitors' Village to house all European competitors. Bus transfers between all locations will be provided and are part of the competitors' package. The Competitors' Village will create a great opportunity for competitors to spend more time together and exchange experiences. The Village will accommodate up to 580 EuroSkills competitors and Team Coaches. Village facilities and amenities will include fully equipped, high standard holiday villas, hotel accommodation, apartment-like accommodation, an on-site medical service, security, high-speed Internet and recreational facilities. Throughout the competition, the Competitors' Village will be a true European village in a peaceful and relaxing area. At the hotel reception, counsellors can assist guests in many languages.

ESPO, the organisation behind EuroSkills

In 2007 ESPO, the European Skills Promotion Organisation, was founded as a member association. Members of ESPO are authorised national skills' organisations in all European member states, EFTA- and candidate member states. ESPO's main objective is to promote skills' excellence, vocational education and training and craftsmanship and focuses on European youngsters. ESPO supports the European Lifelong Learning policy and aims to raise the appeal and importance of high quality VET throughout Europe. EuroSkills 2008 is the main event in which these objectives are realised. EuroSkills 2008 has been developed in cooperation with the members of ESPO. All European countries can join ESPO and this membership is necessary to be able to compete during a EuroSkills competition. For more information about ESPO and its members, please check: www.euroskills.info



Organising party EuroSkills 2008, Skills Netherlands

EuroSkills 2008 will be organised by Skills Netherlands, the Dutch Skills' organisation. Skills Netherlands aims to improve the image of vocational skills and increase the flow of young people into vocational education on a national level. In order to do this, Skills Netherlands organises different kinds of projects. Skills Netherlands uses its projects to promote the importance of taking pride in one's skills and showing that you can be the best in your line of work. The winner of a vocational competition can act as a role model, just like in sports. The national event; Skills Masters brings this world to life on an annual basis and is highly regarded by young people aged 14 to 20, with a background in (vocational) skills.



Why enter the EuroSkills 2008 competitions?

The EuroSkills 2008 competitions offer significant benefits to all those who enter and support them. First of all, the competitors are encouraged to get the most out of themselves in the competitions. It gives a boost to their personal development and will raise their sense of pride and self-esteem. Secondly, the national and European collaboration between schools and the business sector allows the parties involved to discuss developments in trades and skills and stimulate innovations. By doing this, it will help with the development of the organisations and will establish on-going partnerships between the stakeholders from government, education and the world of business. Finally, the EuroSkills event provides a great opportunity to promote craftsmanship and vocational education and training in Europe.

Rotterdam, hosting City EuroSkills 2008

Rotterdam is an open, welcoming city and is easy to reach by water, railroad and plane. Being Europe's largest harbour, Rotterdam is one of the Dutch economy's most important driving factors. While trans-shipment and industry gravitate towards the coastal area, the town centre is flourishing as never before. Rotterdam is constantly on the move, with new architecture, festivals, sports' events, daring art and culture, trendsetting night-life and a growing number of unique shops. Rotterdam is a daring, modern city, where old and new continuously interchange. For more information about Rotterdam please visit www.rotterdam-marketing.nl



Facts & figures EuroSkills 2008

- Held from September 18th-20th 2008 in Ahoy Rotterdam, The Netherlands
- Exhibition floor covering 30.000 m², expandable to 50.000 m²
- Promotion of craftsmanship and vocational education by means of competitions, demonstrations and interactive events for the audience.
- EuroSkills Village: conference program on vocational education, skills' development and partnership between education and industry
- Participants and competitors originate from all European countries
- Political and financial support from the European Commission (DG Education and Culture), Dutch ministries of Education, Economic Affairs and Agriculture and the City of Rotterdam
- Advertising and PR campaign for media coverage in Europe



1000

Creative Arts & Fashion



The domain Creative Arts & Fashion covers all skilled areas relating to fine arts and fashionable design and creation. This encompasses everything from creative multi-media to interior decoration and fashion.

1010 Floristry

Floristry or flower arranging is the art of creating bouquets and arrangements from flowers, foliage, herbs, ornamental grasses and other botanical materials. A person who designs and creates flower arrangements is known as a florist. Florists usually work in flower shops. A good florist can fulfil even the most demanding customers wishes and values customer satisfaction above all.

1020 Electronic Game Development

Today, electronic game development is one of the fastest growing sectors in ICT and creative arts. Electronic game development requires a variety of skills, both technical and creative. It can form part of the public relations, marketing, communications and leisure industries.

1030 Window Display

The importance of Window Display is proportional to the importance of marketing in our society. It is a major part of the marketing mix and the expected result is the increase in product awareness and appeal. Visual merchandisers develop floor plans and three-dimensional presentations of goods and services in order to maximize sales. These include window areas, interior point-of-sale displays and special promotions. They can also

promote services such as travel and particular events such as 'home shows'.

1040 Hairstyler

Hairdressers provide hair care services to enhance the appearance of their clients. The total look concept includes "hair, face and clothing". As personal appearance specialists, they may provide related services that help the customer look and feel their best. They have an understanding of fashion and technical design. Communication, image, and attitude play an important role in the career of hairdressers.

1050 Shoe Maker

The trade shoe maker is carried out within the shoe repair businesses. Most of the businesses are fairly small and have just a few employees. Shoe makers carry out repair work and are also involved in the sale of articles. They give information and advice to customers about products and services and deal with complaints. Shoe makers plan and organise their work efficiently, as befits their business. There is a direct relationship with various other trade groups in the footwear and shoe sector.

1010 Floristry

1011 Florist



Is this your job?

As a florist you:

- sell plants and flowers;
- create floral arrangements for special occasions such as birthdays, anniversaries and weddings;
- prepare plants and flowers for the retail market by selecting, preparing and packaging them in a pleasing manner to attract customers;
- provide your customers with information on the care of the flowers and plants that they purchase;
- use tools such as wirecutters, knives and scissors to design and construct floral arrangements.

Florists and floristry workers are primarily employed by retail flower shops, large supermarket chains, garden supply stores and flower wholesalers. Florists who manage or own retail shops have expertise in business and marketing practices and will be required to plan, implement, organize, direct and supervise the activities of other staff. They make decisions about the types and quantities of flowers needed to stock their shelves.

What competencies do you need?

Florists need to be creative and artistic, have a good eye for design and be able to create pleasing flower arrangements. They have knowledge of basic botany and horticulture and need to know about the design, technical and marketing components of the floriculture industry. As they will spend a lot of time dealing with customers, good interpersonal communication and people skills are also essential.

The competitions



Team competition (3 persons)

The team competition involves the creation of several floral bouquets and arrangements. These arrangements are based on the same central theme and will be composed in different artistic ways.

Extra

For more information about this skills competition, please check the technical outline trade no. 1011 at www.euroskills.info

1020 Electronic Game Development

1021 Game Designer - Developer



As a game designer you:

- import, edit and optimize images;
- create images with various graphic software;
- sketch game characters, storyboards and game levels;
- modify and optimize moving image(s) for use in games;
- install scripts and code the game and levels;
- plan the process of game creation utilizing digital and/or written material;
- plan a game concept, storyboard, game document etc.

Within the competition the game designer should have the following competencies: ability to plan, design, code and construct, with the aim of publishing a game.

Individual competition

The competition consists of a three-level 2D game for the web or a PC. Applications to be used are Flash, Game Maker and Game Factory. Due to time restrictions, production of 3D games or the use of game engines is not possible. Everything has to be produced from scratch without the use of Internet resources. All materials will be provided.

For more information about this skills competition, please check the technical outline trade no. 1021 at www.euroskills.info

1030 Window display

1031 Visual Merchandiser



Visual merchandisers:

- are also called window dressers, designers or interior decorators;
- work for either the merchandising / decoration / communication departments of commercial stores and shops, or for outside specialized companies;
- think up, design and carry out an optimum product presentation (also three-dimensional) in shops, showrooms, commercial stands, etc. The products are numerous and vary widely, from from fashions to hardware, from technical equipment to food items.

The most important competencies include creativity, trend awareness, an open and eclectic mind, the ability to work in a team and technical know how.

Team competition (2 persons)

Teams will have to work on two display areas: one 4m2 window display and one 4m2 interior point-of-sale display.

The competition includes three modules:

Module 1 – Project

Design a window with the objective of completing a display for a specific product.

Module 2 – Preparatory execution

Plan scenarios and provide the support units and ornamental features with the objective of framing the specific product in the display.

Module 3 – Assembly

Execute the display assembly. The evaluation will focus upon the final result in terms of aesthetics, image, communication, interpretation, attractiveness, conformity with the project and achievement of the objectives described in the instructions.

For more information about this skills competition, please check the technical outline trade no. 1031 at www.euroskills.info



1040 Hairstyling

1041 Hairstyler Woman / 1042 Man



Is this your job?

Hairstylers provide hair care services to enhance the appearance of their clients and focuses on harmonizing the face and the look of the customer with their hair style.

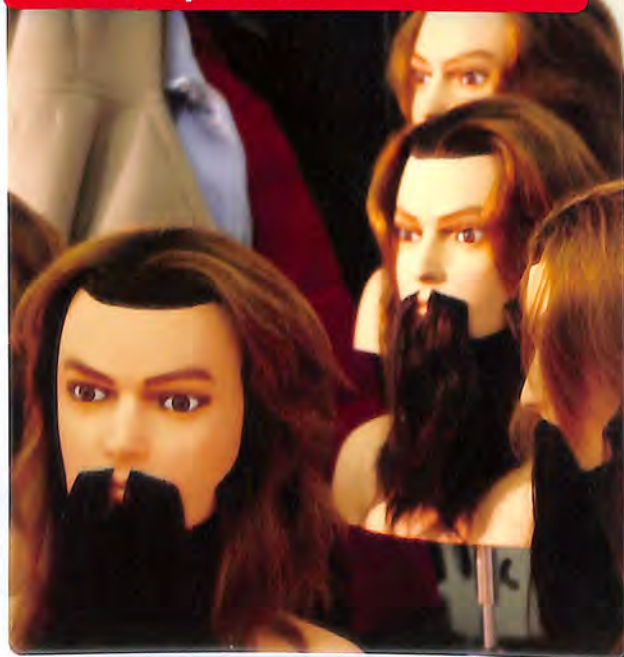
As a hairstyler you:

- talk to clients about their requirements and wishes and advise them on hair care;
- cut hair using a range of instruments;
- provide services such as bleaching, permanent waving, straightening and colouring;
- shampoo, dry and style hair;
- perform reception duties (telephone calls, appointments), sell retail products and write up client record cards;
- operate administration and management tools;
- clean the salon, work areas and equipment;
- maintain an excellent appearance due to the high level of public contact;
- have good hand-eye coordination;
- have some creative flair and pay attention to details.

What competencies do you need?

Main requirements for hairstylers are knowledge of hair fashion, creativity skills and imagination, great technical skills and commercial and artistic ability.

The competitions



Individual competition, team competition (optional)

The competition objective is to perform a hair make-over on a man or woman with the aim of optimising the total look of that person whilst taking into account the corresponding make up and clothing. The hair treatment will openly demonstrate cutting techniques and the colouring process will involve at least two colours. Each participant will have the task of performing two hair make-overs each day, which means that there will be six final results overall.

There is no limitation concerning the use of tools and instruments. Hair extensions are not allowed. The participants are responsible for bringing their own equipment / tools. The models will be selected by the Hairdressers' Trade platform and will speak fluent English.

Extra

For more information about these skills competitions, please check the technical outline trade no. 1041 and 1042 at www.euroskills.info

1050 Shoe Maker Shop

1051 Shoe Maker



As a shoe maker you:

- carry out repair work to shoes and leather goods;
- plan and organise your work efficiently;
- are also involved in the sale of articles. You give information and advice to customers about products and services and deal with complaints;
- must also keep the workshop clean and the shop attractive;
- must ensure that you have the necessary tools and materials in stock, ready to use.



A shoe maker needs communication and social skills when dealing with customers. They work carefully and in an organised way when carrying out repairs. A shoe maker is good at finding creative solutions.

Team competition (2 persons)

The team consists of two shoe makers. The shoe makers have to carry out several tasks:

- carrying out preparatory work: drawing up a work plan, deciding which materials are needed, removing dirt, glue residue and damaged parts from the leather goods (heels, zips, etc.) in a safe manner;
- repairing the soles of shoes: carrying out repairs to the soles and/or heels and/or undersides of shoes in a safe manner;
- repairing the uppers of shoes: restoring the shoe to its former condition;
- finishing shoes and leather goods: checking the quality of the repairs and returning them, undamaged and without mistakes, to the customer;
- maintenance of workshop and machines: keeping the workshop and machines clean and checking, in a safe manner, whether the machines are functioning properly. He/she will mostly do small repairs themselves. If bigger maintenance work is needed, a specialist will be called.



For more information about this skills competition, please check the technical outline trade no. 1051 at www.euroskills.info

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Information & Communication Technology



The domain Information & Communication Technology covers all skilled areas relating to information services. This encompasses everything from network creation and maintenance to the development and finishing of information technologies. The importance of ICT in society cannot be underestimated. One can no longer imagine living and working without computers, e-mails, access to the web and the vast range of related equipment, accessories and services.

2010 Office IT Team

ICT networks, equipment and software need specialists (Office IT teams) to design, develop, install, test, maintain, repair, optimize, upgrade and, sometimes, operate them. Office IT teams can be asked to perform in all types of working environment and all commercial and industrial sectors.

2020 Cross Media Publishing

Cross media publishing is the publishing of a message or communication via multiple media outlets, such as printed materials, electronic media and / or the internet. Cross media publishing has become a staple of business-to-business and business-to-consumer communications. It is a new production /

workflow environment for the combined processing of both printed and electronic media. It has developed rapidly in recent years, especially after the spectacular development of the technologies used for data and information processing and the new applications of traditional working tools.

2030 Video / Moving Image

Nowadays, computer graphics has become something cinema can't do without. It appears not only in cinema special effects, but also in animation and video games, as well as in other areas such as architecture. Computer graphics is divided into different skills' areas which are more or less specialized, according to the size of the production company. Computer graphics experts can be found in modelling, animation and "rendering".

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2010 Office IT Team

2011 Office Specialist / Project Manager



Is this your job?

The Office specialist or project manager coordinates various office support services using products from the Microsoft Office suite.

As an Office specialist you:

- operate computer equipment and printers;
- file correspondence and other records;
- receive and process incoming and outgoing messages;
- store and retrieve data on computers;
- prepare agendas or programs for meetings;
- maintain and update filing, inventory, mailing and database systems, either manually or using a computer;
- type, format, proofread and edit correspondence and other documents;
- have a good command of the working language, both written and verbal.

What competencies do you need?

Within the competition the Office specialist / project manager should have the following competencies: project management, project documentation and communication management.

The competitions



Team competition (4 persons)

The Office specialist, Cisco specialist, Microsoft specialist and Open Source specialist promotes their skills, within the context of an industrial process, by making a test project.

The Office specialist should have expertise on Microsoft Word, Excel, Access, Powerpoint and Project and open office.

The Office specialist is responsible for:

- the documentation of the network solution implemented by the other team members;
- chairing project planning meetings, detailing and documenting tasks;
- the creation of material for presentation to judges and visitors to the event.

Extra

This competition is combined together with trade no. 2012, 2013 and 2014. For more information about this skills competition, please check the technical outline trade no. 2011 at www.euroskills.info

2012 Cisco Specialist



The Cisco specialist is charged with the provision of networking services through the installation and configuration of network hardware and software.

As a Cisco specialist you:

- you install and configure inter-networking devices;
- prepare notes to assist the office specialist to prepare network documentation;
- attend and actively participate in team meetings;
- communicate with fellow team members, members of other teams and interested individuals to answer questions, disseminate or explain information;
- have a good command of the working language, both written and spoken.

Within the competition the Cisco specialist should have the following competencies: router configuration, switch configuration and IPT configuration.

Team competition (4 persons)

The Office specialist, Cisco specialist, Microsoft specialist and Open Source specialist promote, within the context of an industrial process, their skills by making a test project.

The Cisco specialist should have expertise on the configuration of OSPF, Frame Relay, HSRP, VRRP, Ether Channel, Context based access lists, Port security, VLAN's, NAT, PAT, Call Manager Express, IP communicator installation and configuration.

This competition is combined together with trade no. 2011, 2013 and 2014. For more information about this skills competition, please check the technical outline trade no. 2012 at www.euroskills.info

2013 Microsoft Specialist



The Microsoft specialist is charged with the provision of networking services through the installation and configuration of network hardware and software.

As a Microsoft specialist you:

- install both Microsoft server / client operating systems and application software;
- configure both Microsoft server / client operating systems and application software;
- prepare notes to assist the office specialist to prepare network documentation;
- attend and actively participate in team meetings; communicate with fellow team members, members of other teams and interested individuals to answer questions, disseminate or explain information;
- have a good command of the working language, both written and spoken.

Within the competition the Microsoft specialist should have the following competencies: server installation and configuration and AD configuration.

Team competition (4 persons)

The Office specialist, Cisco specialist, Microsoft specialist and Open Source specialist promote, within the context of an industrial process, their skills by making a test project.

The Microsoft specialist should have expertise on DHCP & DHCP relay agent, DNS, Group policy, Active Directory including: organisational units, group and user creation and management, cross domain trust configuration, Xlite Softphone installation and configuration.

This competition is combined together with trade no. 2011, 2012 and 2014. For more information about this skills competition, please check the technical outline trade no. 2013 at www.euroskills.info



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2010 Office IT Team

2014 Open Source Specialist



Is this your job?

The Open Source specialist is charged with the provision of networking services through the installation and configuration of network hardware and software.

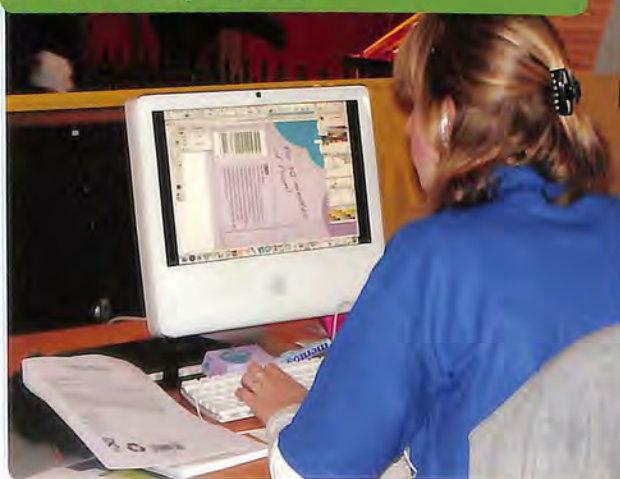
As an Open Source specialist you:

- install both Open Source server / client operating systems and application software;
- configure both Open Source server / client operating systems and application software;
- prepare notes to assist the Office specialist to prepare network documentation;
- attend and actively participate in team meetings;
- communicate with fellow team members, members of other teams and interested individuals to answer questions, disseminate or explain information;
- have a good command of the working language, both written and spoken.

What competencies do you need?

Within the competition the Open Source specialist should have the following competencies: server installation and configuration and AD configuration.

The competitions



Team competition (4 persons)

The Office specialist, Cisco specialist, Microsoft specialist and Open Source specialist promote, within the context of an industrial process, their skills by making a test project.

The Open Source specialist should have expertise on the installation and configuration of the Debian Linux Operating System, Samba, the Apache2 web server, the Asterisk software PBX, SIP and IAX endpoints (phones), IP softphones, Linux open source DHCP server, syslog server and NTP server.

Extra

This competition is combined together with trade no. 2011, 2012 and 2013. For more information about this skills competition, please check the technical outline trade no. 2014 at www.euroskills.info

2020 Cross Media Publishing

2021 Web Designer



As a web designer you are responsible for the layout, visual appearance and usability of a website. You use a combination of graphic design skills and technical knowledge of how web pages are created.

As a web designer you:

- liaise closely with customers or clients to understand their objectives and requirements;
- produce a design with a logical navigation system and all required features;
- write web pages in a combination of codes;
- deciding on how images and other material will be digitally optimised and presented for the web;
- ensure that material on the web site is widely accessible to all groups;
- test the site for functionality in different browsers and at different resolutions;
- fix errors.

A web designer needs competencies like client side coding, image creation and manipulation, animation utilizing application software, server side programming, planning, accuracy, efficiency and proficiency.

Team competition (3 persons)

The focus of the competition will be the production of a campaign, showing the relationship between several products and their production. The team consists of maximum three competitors: a printing technician, a graphic designer and a web designer.

The subject of the campaign is the launch of a new food product. The following items have to be produced by the competing team: logo, stationery, product package, folder, animation, website and a presentation. Everything has to be produced from scratch, without the use of Internet resources. All materials will be provided.

This competition is combined together with trade no. 2022 and 2023. For more information about this skills competition, please check the technical outline trade no. 2021 at www.euroskills.info

2022 Graphic Designer



As a graphic designer you:

- produce visual solutions fitting the communication needs of clients, using a mix of creative skills;
- interpret the client's business needs;
- develop design briefs;
- think creatively to produce new ideas;
- use a wide range of media (photography and computer aided design);
- keep abreast of developments in design programs;
- work well in a team, with printers, copywriters, photographers, other designers, account executives, website designers and marketing specialists.

A graphic designer needs competencies like conception, design, digital preparation, accuracy, efficiency and proficiency.

Team competition (3 persons)

The focus of the competition will be the production of a campaign, showing the relation between several products involved and the production of each of them. The team consists of maximum three competitors: a printing technician, a graphic designer and a web designer.

The subject of the campaign is the launching of a new food product. The following items have to be produced by the competing team: logo, stationery, product package, folder, animation, website and a presentation. Everything has to be produced from scratch without the use of Internet resources. All materials will be provided.

This competition is combined together with trade no. 2021 and 2023. For more information about this skills competition, please check the technical outline trade no. 2022 at www.euroskills.info



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2020 Cross Media Publishing

2023 Print Technician



Is this your job?

As a print technician you:

- prepare, operate and adjust 2 and/or 4-colour sheet-fed Heidelberg offset press with remote control console (semi-) automatic plate mounting;
- produce printed sheets in required quality and quantity;
- have knowledge of and use a programmable paper cutter;
- mix ink and measure colours with spectrophotometer and find LAB -values and Delta-E values;
- prepare and set up small offset presses, copiers and bindery equipment for all types of printed material;
- coordinate copy work and printing by structuring work according to deadlines and priorities;
- have problem solving skills and flexibility in assisting clients and producing work.

What competencies do you need?

A print technician needs competencies like knowledge of offsetprinting materials (paper, ink, etc.), operating with and measuring of quality control devices, implementing and controlling safety and environmental regulations.

The competitions



Team competition (3 persons)

The focus of the competition will be the production of a campaign showing the relation between several products involved and the production of each of them. The team consists of maximum three competitors: a printing technician, a graphic designer and a web designer.

The subject of the campaign is the launching of a new food product. The following items have to be produced by the competing team: logo, stationary, product package, folder, animation, website and a presentation. Everything has to be produced from scratch without the use of Internet resources. All materials will be provided.

Extra

This competition is combined together with trade no. 2021 and 2022. For more information about this skills competition, please check the technical outline trade no. 2023 at www.euroskills.info

2030 Video / Moving Image

2031 Video / Movie Editor, Special Effects Editor



As a video / movie editor you are responsible for giving movement to the inanimate objects that the computer graphics experts in modelling provide you with. At this crucial point in the production chain the characters in the scene will, not only be endowed with movement but will also be endowed with attributes which will make it possible to characterize them by gestures, attitudes, expressions, emotions, etc. It is your responsibility to 'breathe life' into the characters entrusted to you or, in terms of dramatic representation, to make them act.



Video / movie editing and special effects editing both involve technical and artistic work. Video / movie editors have the skills to create and produce a product which is attractive for the user. The end product appeals to the users' fantasy and makes them enthusiastic.

Individual competition

Competitors will receive a short scenario with an open ending which will comprise not only a synopsis but also movements, attitudes, expressions and emotions.

Competitors will produce a storyboard on paper that sets out their proposed animation. The competition consists of the preparation of the character for animation and animating it according to provided scenarios. Not only is it important to technically and artistically give life to the inanimate objects/characters, but it is also of the utmost importance to be able to tell a story. So, there must be an obvious beginning and end to the presentation.

For more information about this skills competition, please check the technical outline trade no. 2031 at www.euroskills.info



3000 Manufacturing & Engineering Technology

The domain Manufacturing & Engineering Technology covers all skilled areas relating to industrial development and creation. This encompasses everything from design and creation to the maintenance of anything involving electronics and machines.



3010 Manufacturing Technologies

A range of employees is required to operate and keep sophisticated industrial machinery running in an efficient and reliable way. This can range from highly skilled industrial machinery mechanics to machinery maintenance workers who perform routine tasks. Their work is vital to the success of industrial facilities. Computer control programmers and operators use computer numerically controlled (CNC) machines to cut and shape precision products. In metal construction workshops, the less complex parts and the metal assemblies require the skills of welders to help cut, shape and bond materials and make products and components. Draftsmen prepare technical drawings and plans used by production and

construction workers. Most draftsmen now use CADD systems to prepare drawings and may be referred to as CADD operators or designers. A supporting technology is called Mechatronics; it is the synergistic combination of precision mechanical engineering, electronic control and systems in the design of products and manufacturing processes.

3090 Electronics Workshop Team

Different service and maintenance roles are needed in today's electronics industry. The electronic workshop team consists of production workers (electrical technicians) from different prototype workshops.

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3010 Manufacturing Technologies

3011 (C)NC Machine Technician



Is this your job?

As a (C)NC machine technician you:

- produce and process materials or parts using (C)NC-milling and (C)NC-cutting;
- write CNC-programs using a CAM-programming tool.

Your work is often combined with trades like engineering (work preparation), CADD drawing / designing and conventional machining.

Your work is necessary for industrial production like construction and apparatus building, mechanical engineering and for the supply of (semi)finished parts.

What competencies do you need?

The required individual (trade)competencies are:

reading and interpreting instructions and technical drawings; measuring of parts; modifying and optimising (C)NC programs using mastercam; selecting and mounting of cutting tools and clamping tools; producing and modifying parts; machining castings.

The competitions



Team competition (8 persons)

The team competition will cover team competencies such as: communication during work, work preparation, dealing with problems together, working safely and respecting the environment, operating as a team. The final scope of the team competition will be defined in 2008. The theme of the competition will be a Luna park.

Individual module

The individual competition consists of:

- modifying and optimising (C)NC programs;
- producing and/or modifying products;
- machining casting.

Extra

Registration can be done as a team for the competition 3010, with all different team members from each trade. If registered as an individual, the competitor will be part of a multi national team. This competition is combined together with trade no. 3012 – 3019. For more information about this skills competition, please check the technical outline trade no. 3011 at www.euroskills.info

3012 (C)NC Metal Constructor



As a (C)NC metal constructor you:

- produce parts through various types or operations and techniques (like bending, joining, etc) using (C)NC machines;
- assemble those parts;
- work with the related trade operatives like welders, sheet metal workers and construction steel workers.

The trade position in industrial processes is relevant to (medium sized) industrial producers of construction products and suppliers of (semi) finished parts of sheet metal or (light) steel constructions.

The individual competencies of the (C)NC metal constructor are: work preparation; reading and interpreting technical drawings; measuring parts; choosing the correct tools for the (C)NC-machines; adjusting conventional machines; writing (C)NC-programmes; starting and adjusting (C)NC –machines; storing used (C)NC-programmes and the assembly of parts into a (end)-product.

Team competition (8 persons)

The team competition will cover team competencies such as: communication during work, work preparation, dealing with problems together, working safely and respecting the environment, operating as a team. The final scope of the team competition will be defined in 2008. The theme of the competition will be a Luna park.

Individual module

The individual competition consists of:

- producing, shaping and bending of sheet metal parts and profiles;
- the composition of sheet metal parts from sheet metal and profiles;
- finishing of joints;
- the maintenance of 2D and 3D (C)NC-machines.

Registration can be done as a team for the competition 3010, with all different team members from each trade. If registered as an individual, the competitor will be part of a multi national team. This competition is combined together with trade no. 3011 and 3013 – 3019. For more information about this skills competition, please check the technical outline trade no. 3012 at www.euroskills.info

3013 Maintenance Technician



As a maintenance technician you:

- analyse mechanical problems or failures;
- disassemble and assemble parts;
- produce or correct failing parts;
- carry out repair work;
- work to a plan;
- often work with related trades like managers of workshops; production workers and service mechanics.

The trade position in industrial processes is relevant to industrial production in general (continuation of the production process) and creates added value in the construction of mechanical, pneumatic, hydraulic and transport systems.

The individual competencies of the maintenance technician are: work preparation; measuring; reading technical drawings; manual processing of metals; using various techniques for mechanical machining; making parts fit; assembling and aligning drive systems and joints; producing steel and copper tubing; producing simple sheet metal parts; performing a fault-analysis; assembling of parts and components; repair work; communicating in clear language and listening and writing clear reports.

Team competition (8 persons)

The team competition will cover team competencies such as: communication during work, work preparation, dealing with problems together, working safely and respecting the environment, operating as a team. The final scope of the team competition will be defined in 2008. The theme of the competition will be a Luna park.

Individual module

The individual competition consists of:

- mechanical drive and transmissions;
- hydraulic or pneumatic control of (parts of) the assembly;
- sheet metal parts of simple shape;
- parts of the frame made from standard profiles;
- the use of at least two different methods for joining parts.

Registration can be done as a team for the competition 3010, with all different team members from each trade. If registered as an individual, the competitor will be part of a multi national team. This competition is combined together with trade no. 3011, 3012 and 3014 – 3019. For more information about this skills competition, please check the technical outline trade no. 3013 at www.euroskills.info



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3010 Manufacturing Technologies

3014 Traditional Machine Technician



Is this your job?

As a traditional machine technician you:

- produce parts through various types of machining;
- correct parts through bench work;
- assemble parts;
- often work with related trades like (CNC) machine technicians, toolmakers and service mechanics.

The trade position in industrial processes is relevant to industrial producers (small and large scale) of machines, tools, etc.

What competencies do you need?

The individual competencies of the traditional machine technician are: reading and interpretation of technical drawings; checking dimensions; selecting materials; checking quality; choosing cutting tools, clamping tools and accessories; adjusting cutting tools and machining conditions on machines; choosing measuring tools; manufacturing parts and components; checking ready made parts and components; bench work on ready made parts; finishing ready made parts; making parts fit and assembling the end-product.

The competitions



Team competition (8 persons)

The team competition will cover team competencies like: communication during work, work preparation, dealing with problems together, working safely and respecting the environment, operating as a team. The final scope of the team competition will be defined in 2008. The theme of the competition will be a Luna park.

Individual module

The individual competition consists of:

- the use of at least two different methods for machining parts;
- operating machines;
- measuring produced parts;
- finishing of parts;
- joining techniques;
- the use of appropriate materials.

Extra

Registration can be done as a team for the competition 3010, with all different team members from each trade. If registered as an individual, the competitor will be part of a multi national team. This competition is combined together with trade no. 3011 - 3013 and 3015 - 3019. For more information about this skills competition, please check the technical outline trade no. 3014 at www.euroskills.info

3015 CADD Designer



As a CADD designer your main tasks involve the production of graphical models, drawings, paperwork and files using CADD (Computer Aided Drawing & Design). Your output contains all the information necessary for the manufacture and documenting parts, components and assemblies applicable in mechanical engineering. This output complies with appropriate ISO and national standards.

Your work is often combined with trades like mechanical engineering. (design department), engineering (work preparation) and industrial design.

Your work is necessary for industrial production such as construction, apparatus building and mechanical engineering and in the supply of (semi)finished parts and design offices.

The required individual competencies are: reading and interpreting of technical drawings; measuring parts and assemblies; The 3D-modelling of parts and assemblies; producing assembly drawings producing detail and definition drawings; modifying and designing products, presented by drawings; making print-outs; creating rendered views and animations; determination of kinematical characteristics.

Team competition (8 persons)

The team competition will cover team competencies such as: communication during work, work preparation, dealing with problems together, working safely and respecting the environment, operating as a team. The final scope of the team competition will be defined in 2008. The theme of the competition will be a Luna park.

Individual module

The individual competition consists of:

- making drawings from a physical model;
- making assembly drawings;
- making detail drawings;
- modifying and designing of products.

Registration can be done as a team for the competition 3010, with all different team members from each trade. If registered as an individual, the competitor will be part of a multi national team. This competition is combined together with trade no. 3011 - 3014 and 3016 - 3019. For more information about this skills competition, please check the technical outline trade no. 3015 at www.euroskills.info

3016 Welder



As a welder you:

- need hands-on skills to do a professional job of welding, components, structures, plates, pipes and tanks;
- must be able to understand welding drawings, standards and markings;
- must apply the required welding processes and understand the characteristics of the materials;
- have excellent knowledge of welding work safety.

Your work is often combined with trades like sheet metal worker, metal constructor and ship metal constructor.

Your work is necessary for all industrial production facilities like construction and apparatus building, but also suppliers of (semi) finished parts, of sheet metal or (light) steel constructions.

The required individual competencies are: reading and interpreting of instructions and technical drawings; choosing the correct welding process depending on the project; selecting suitable welding and machine parameters and accessories; preparing the materials; applying the correct welding technique; assembling materials in accordance with the drawings.

Team competition (8 persons)

The team competition will cover team competencies such as: communication during work, work preparation, dealing with problems together, working safely and respecting the environment, operating as a team. The final scope of the team competition will be defined in 2008. The theme of the competition will be a Luna park.

Individual module

The individual competition consists of:

- welding of test plates / pipes;
- pressure vessel;
- composition of structures from aluminium and stainless steel;
- assembly according to prints and compliance with instructions;
- welding in all working positions with seams of different angles of inclination and rotation.

Registration can be done as a team for the competition 3010, with all different team members from each trade. If registered as an individual, the competitor will be part of a multi national team. This competition is combined together with trade no. 3011 - 3015 and 3017 - 3019. For more information about this skills competition, please check the technical outline trade no. 3016 at www.euroskills.info



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3017 Industrial Automation Technician



Is this your job?

As an industrial automation technician you:

- work with electrical, mechanical, hydraulic, pneumatic and electronic equipment, industrial network technology and robots;
- install, commission and, where applicable, (re)program aforementioned equipment using commercially available materials and mounting equipment, as well as basic metal work, turning and milling;
- adjust and rebuild systems incorporated into installations;
- often work with related trades such as (mechanical) maintenance engineers, assembly line engineers and electro-technicians.

The industrial automation and mechatronic technician works mainly in industries, such as power generation, paper mills, production line assembly, automated factories or assembly plants working on the design, installation, commissioning and maintenance of software-driven, electrically and electronically controlled equipment.

What competencies do you need?

The main required individual competencies are interpretation of technical drawings; measuring; solving logic problems; assembling and installing a machine; designing a program (object oriented); connecting a machine or parts of it to the control system; commissioning a machine or installation; solving a series of practical operational problems; repairing, producing or replacing mechanical parts.

The competitions



Team competition (8 persons)

The team competition will cover team competencies such as: communication during work, work preparation, dealing with problems together, working safely and respecting the environment, operating as a team. The final scope of the team competition will be defined in 2008. The theme of the competition will be a Luna park.

Individual module

The individual competition consists of: installing and wiring (power and control), which including the - assembly of components, the installation of wiring systems and cabling, terminations and connections and replacing (broken) components; PLC-programming; circuit design and/or modification; fault finding hardware.

Extra

Registration can be done as a team for the competition 3010, with all different team members from each trade. If registered as an individual, the competitor will be part of a multi national team. This competition is combined together with trade no. 3011 -3013 and 3015 - 3019. For more information about this skills competition, please check the technical outline trade no. 3017 at www.euroskills.info

3019 Mechatronics Technician



As a mechatronics technician your main tasks are:

- application of electrical, mechanical, hydraulic, pneumatic and electronic equipment, industrial network technology and robots
- installation, commissioning and where applicable (re)programming the aforementioned equipment using commercially available materials and mounting equipment, as well as basic metal work, turning and milling
- adjusting and rebuilding incorporated mechanical installations.

Your work is often combined with trades like maintenance engineering (mechanical), assembly line engineering and electro technical engineering.

You work mainly in industries, such as power generation, paper mills, production line assembly, automated factories or assembly plants and are involved on the design, installation, commissioning and maintenance of software-driven, electrically and electronically controlled equipment.

The main required individual competencies are solving logic problems and using logical functions; carrying out system design; assembling a machine or installation; designing a program (object oriented); commissioning the machine or installation to carry out its correct function; solving a series of practical operational problems; designing electrical and pneumatic circuits and repairing, producing or replacing mechanical parts.

Team competition (8 persons)

The team competition will cover team competencies such as: communication during work, work preparation, dealing with problems together, working safely and respecting the environment, operating as a team. The final scope of the team competition will be defined in 2008. The theme of the competition will be a Luna park.

Individual module

The individual competition consists of: installing and wiring (power and control), which includes the assembly of components, the installation of wiring systems and cabling, terminations and connections and replacing (broken) components; PLC-programming; circuit design and/or modification; fault finding hardware.

Registration can be done as a team for the competition 3010, with all different team members from each trade. If registered as an individual, the competitor will be part of a multi national team. This competition is combined together with trade no. 3011 -3017. For more information about this skills competition, please check the technical outline trade no. 3019 at www.euroskills.info

3090 Electronics Workshop Team

3091 Electronical Technician



As an electronical technician you:

- are responsible for manufacturing, testing and troubleshooting electronic equipment;
- are able to build electronic equipment and systems and other special applications;
- are able to use the required hand tools, soldering equipment, measuring devices and computers;
- build prototypes before production, and maintain and repair systems.

Different jobs within service and maintenance in the electronics industry. The production workers from different prototype workshops. In general, the staff of small electronics firms.

Team competition (2 persons)

The team consists of two electronical technicians. Their task is the design, alteration and assembly of an electronic device. The assembly of an individual electronic device equipped with an embedded system or the alteration of a working device to satisfy the demands of the customer. The control unit of the device is an embedded system (AVR, PIC or some other microcontroller kit). The competition device must contain mechanical components and its operation must be clearly observable (motion, big display etc.). The programming has to be done in C language, and the use ready-made programme components (libraries) made by the component supplier is permitted. The task will be assigned to the competitors as a work order. The accomplishment of the task will be divided into modules (phases).

For more information about this skills competition, please check the technical outline trade no. 3091 at www.euroskills.info



4000 Construction & Building



The domain Construction & Building Technology covers all skilled areas relating to the construction world. This encompasses everything from the foundation, grounds, building and finishing to the maintenance of all sorts of buildings.

4010 Landscape Gardening & Design

Landscape designers and gardeners are close to nature and the natural environment. Landscape designers create the landscape; they plan, design and manage open spaces including both natural and constructed environments. They work to provide innovative and aesthetically pleasing environments whilst ensuring that changes to the natural environment are appropriate, sensitive and sustainable. Landscape gardeners are the site specialists carrying out the physical work; they design detailed work, develop, execute, maintain and remodel gardens and landscapes.

4020 Installation Technology

Installation Technology is present everywhere in every day life. Without it, life would be quite different. It covers the availability of hot and cold water, comfortable central heating, gas oven cooking, a watertight and insulated roof and the proper functioning of bathrooms and toilets. In addition to this, it also encompasses data networks, telephone, security systems and traffic lights and these are a few examples of electrical applications that are also omnipresent in our lives. Part of Installation Technology is also refrigeration and air conditioning technology, which is widely used to preserve food and to offer a pleasant and comfortable temperatures in homes, buildings and cars.

4030 Building Construction

Building Construction covers a variety of trades which are strongly inter-related. These are the trades of carpenter, brick layer, joiner, wall and floor tiler and metal roofer. The trade of supervisor is also included under this heading. On a day to day basis, these craftsmen work together at construction sites.

4050 Painting

Paint and wall coverings make surfaces clean and attractive. In addition, paints and other sealers protect surfaces from wear, e.g. wear caused by exposure to the weather. Painters are also involved in covering walls (and ceilings) with decorative wall coverings made of paper, vinyl, or fabric. Many painters and decorators work for painting and wall covering contractors and are engaged in new construction, repair, restoration, or remodelling work. In addition, organizations that own or manage buildings employ maintenance painters, as do some schools, hospitals, factories, and government agencies. Self-employed independent painting contractors account for about half of all painters and decorators.

4011 Garden Architect



Is this your job?

As a garden architect you:

- establish general landscape requirements with clients;
- conduct preliminary studies (including contours, soil, ecology, constructions);
- assess the site's potential to meet the client's specifications;
- carry out environmental and neighbourhood impact assessments;
- present a work concept and a cost estimate;
- prepare and present detailed plans and working drawings to clients;
- contact and co-ordinate manufacturers and suppliers;
- put work out to tender, select a contractor and manager (mainly for larger projects), and lead cross-functional teams;
- monitor and check work on-site and take appropriate decisions and measures accordingly.

A garden architect collaborates closely with landscape contractors, as well as other professionals, especially architects, planners, environmentalists, surveyors and civil engineers.

What competencies do you need?

Garden architects plan, design and manage open spaces including both natural and built environments. They work to provide innovative and aesthetically pleasing environments whilst ensuring that changes to the natural environment are appropriate, sensitive and sustainable.

The competitions



Team competition (3 persons)

The competition will consist of the design phase and the layout and installation of a garden in accordance with the design. The competitors will be in teams of three and will have the competencies of two landscape gardeners and one garden architect for the design phase.

Six months before the competition, the participating countries will receive a list with the materials and equipment which will be available. Using only these materials, a design has to be drawn up. After two months the design must be handed over at the EuroSkills offices. The design must be accompanied by a technical drawing with a clear measurement plan, vegetation plan and an explanation of the design. This design will be rated upon several criteria. At the event itself, the garden design will be realized.

Extra

This competition is combined together with trade no. 4012. For more information about this skills competition, please check the technical outline trade no. 4011 at www.euroskills.info

4012 Landscape Gardener



As a landscape gardener you:

- understand the client's requirements;
- discuss and develop designs with clients;
- produce designs and drawings if necessary;
- construct fences, walls and decking, and laying paving/concrete;
- install lighting, garden ornaments and furniture;
- select seeds, plants, trees and bulbs and planting these;
- calculate costs based on labour, materials and equipment required;
- submit cost estimates to clients for work required;
- carry out necessary excavation, using suitable machinery, for bigger construction jobs, or sub-contract this type of work as required;

Landscape gardeners are the site specialists carrying out the physical work; they design detailed work, develop, execute, maintain and remodel gardens and landscapes.



Team competition (3 persons)

The competition will consist of the design phase and the layout and installation of a garden in accordance with the design. The competitors will be in teams of three and will have the competencies of two landscape gardeners and one garden architect for the design phase.

Six months before the competition, the participating countries will receive a list with the materials and equipment which will be available. Using only these materials, a design has to be drawn up. After two months the design must be handed over at the EuroSkills offices. The design must be accompanied by a technical drawing with a clear measurement plan, vegetation plan and an explanation of the design. This design will be rated upon several criteria. At the event itself, the garden design will be realised.

This competition is combined together with trade no. 4011. For more information about this skills competition, please check the technical outline trade no. 4012 at www.euroskills.info



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4020 Installation Technology

4021 Plumber / Heating Installer



Is this your job?

As a plumber or heating installer you:

- select the right materials, gas, water, heating and effluent pipes with the appropriate connections, accessories and appliances;
- take care of maintenance and repair;
- handle different materials. This may include steel, copper or PVC piping, measures, sets out, marks, bends, connections (soldering, clamping, threading, etc.), assemblies and joins accessories;
- check for safety, accuracy, tightness, alignment and, last but not least, test the installation;
- discuss options with team workers or with the customers to select the best solutions;
- have to coordinate your tasks with other trade operatives present in the same space such as electrical technicians or tilers.

The plumber or heating installer generally works at the customer's premises, in private homes, commercial or industrial buildings, in existing facilities if it is a renovation or extension of an existing installation or on new construction sites. He/she has to organize the work with other specialists (electrical, air conditioning, etc.).

What competencies do you need?

For detailed competencies, please check the technical outline at www.euroskills.info

The competitions



Team competition (4 persons)

The team consists of the plumbing & heating technician, electrician, refrigeration & air conditioning technician and supervisor.

The application selected for the competition concerns the bakery trade; the competition area will be a square set out in the bakery, the baker's shop, the sanitary area and the storage area (preparatory work).

The plumbers will have several fixtures to install in the bakery and connect with leak-proof supply and effluent piping.

Extra

This competition is combined together with trade no. 4022, 4023 and 4024. Trade no. 4024 is only available on the website. For more information about this skills competition, please check the technical outline trade no. 4021 at www.euroskills.info

4022 Electrician



As an electrician you:

- put together different components, connected through cables and wires;
- assemble, measure, test and install electrical and electronic wiring, equipment and accessories;
- connect switches, control devices and other components in conformity with job specifications and applicable codes and regulations.

Your work takes place on the customer's premises where you are a kind of ambassador for your company. The applications vary from home installations to more complex systems: office data networks, hotel telephone set-ups or school security systems. Fault finding and repair are part of the job description.

Electricians carry out installation, maintenance and related services in private dwellings, offices, commercial buildings, schools, hospitals and many various industrial environments, using commercially available materials and equipment.

For detailed competencies, please check the technical outline at www.euroskills.info

Team competition (4 persons)

The team consists of the plumbing & heating technician, electrician, refrigeration & air conditioning technician and supervisor.

The application selected for the competition concerns the bakery trade; the competition area will be a square set out in the bakery, the baker's shop, the sanitary area and the storage area (preparatory work).

The electricians will demonstrate their skills in laying ducts, cables and wiring, connecting the various applications and installing control and safety components.

This competition is combined together with trade no. 4021, 4023 and 4024. Trade no. 4024 is only available on the website. For more information about this skills competition, please check the technical outline trade no. 4022 at www.euroskills.info

4023 Refrigeration Technician



As a refrigeration & air conditioning technician you:

- are responsible for making sure that refrigeration systems are properly installed and perform as expected;
- install (assembly of components, connections through cables and piping, testing), maintain, control and repair these systems;
- monitor technological innovations and you are motivated to improve the energy efficiency and use the most appropriate and environmentally friendly refrigerant available;
- work alone or within a team.

Your work takes place on the customer's premises where you are a kind of ambassador for your company.

The refrigeration & air conditioning technician works where the cooling equipment is installed. That can be in many different locations: supermarkets, butcher's shops, slaughterhouses, bakeries, cafés, hotels & restaurants, hospitals, offices, schools or factories. Cooling equipment is present in nearly all industries and you will also find it in refineries, drilling platforms and on fishing boats.

For detailed competencies, please check the technical outline at www.euroskills.info

Team competition (4 persons)

The team consists of the plumbing & heating technician, electrician, refrigeration & air conditioning technician and supervisor.

The application selected for the competition concerns the bakery trade; the competition area will be a square set out in the bakery, the baker's shop, the sanitary area and the storage area (preparatory work).

The refrigeration & air conditioning technicians also have a variety of equipment that will give them the opportunity to demonstrate many different tasks: air conditioning, cooling equipment, ducts, cables and wiring, piping, control panel, etc.

This competition is combined together with trade no. 4021, 4022 and 4024. Trade no. 4024 is only available on the website. For more information about this skills competition, please check the technical outline trade no. 4023 at www.euroskills.info



4031 Building Carpenter



Is this your job?

As a building carpenter you construct, erect and repair buildings and other structures made of wood, wood substitutes, steel elements and other materials. Carpentry work can be divided into rough carpenters who often work outdoors where they begin projects using unfinished wood and other building materials and finish carpenters who cut and fit doors, windows, and interior moulding. They also build and install cabinets, lay hardwood floors, and panel rooms.

In residential jobs, carpenters build the house framework, walls, roof, exterior and interior finishes; they install doors, windows, flooring, cabinets, stairs, handrails, panelling, mouldings, etc. In commercial or industrial jobs, they build concrete forms and scaffolding for all types of structures (also bridges, tunnels). In maintenance jobs, they repair and remodel existing structures of all kinds.

What competencies do you need?

The main competencies required include: reading blueprints and instructions; drawing sketches; measuring and marking materials; cutting and shaping materials and joining them with nails, screws, bolts or glue; knowing different types of materials and wood structures; working accurately and economically, and following national and local building codes;

The competitions



Team competition (6 persons)

Each participating country will have a team of six persons representing the six trades that are part of Building Construction. The team members will together build parts of a house: consulting each other, co-operating, planning, coordinating, executing, controlling and finishing.

The building carpenter's assignment is building the wooden structures with all the sub-elements required (dormer window).

Extra

Registration can be done as a team for the competition 4030, with all different team members from each trade. If registered as an individual, the competitor will be part of a multi national team. This competition is combined together with trade no. 4032 - 4036. For more information about this skills competition, please check the technical outline trade no. 4031 at www.euroskills.info

4032 Brick Layer



As a brick layer you:

- lay bricks, pre-cut stone, concrete blocks and other types of building blocks to construct and repair walls, foundations, partitions, arches and other structures;
- are specialised in refractory work when they build and line kilns and industrial furnaces or repair brickwork damaged by salt or damp;
- usually work in teams;
- usually work outdoors. New processes and materials are now allowing masons to work in a great variety of weather conditions;
- masons stand, kneel, and bend for long periods and often have to lift heavy materials.

The main competencies required include: working from plans and specifications; measuring distances from reference points and marking guidelines on working surface to lay out work; using various tools and brick-cutting machines to cut and shape bricks; constructing arches and ornamental brickwork; repairing and maintaining clay bricks, cement blocks/bricks and related structures; erecting scaffolding and laying building materials.

Team competition (6 persons)

Each participating country will have a team of six persons representing the six trades that are part of Building Construction. The team members will together build parts of a house: consulting each other, co-operating, planning, coordinating, executing, controlling and finishing.

The assignment of the brick layer is building the front and side walls, including the door / window openings.

Registration can be done as a team for the competition 4030, with all different team members from each trade. If registered as an individual, the competitor will be part of a multi national team. This competition is combined together with trade no. 4031 and 4032 - 4036. For more information about this skills competition, please check the technical outline trade no. 4032 at www.euroskills.info

4033 Joiner



As a joiner you:

- manufacture and assembly building elements in wood, wood products and auxiliary materials;
- produce floorboards and staircases, door and window frames, kitchen units and cabinets;
- operate machines that saw, shape, bore holes, cuts slots and grooves, assemble, and finish raw wood to make the doors, windows, cabinets, trusses, plywood, flooring, panelling, moulding, and trim that are components of most homes and buildings.

The integration of computers with equipment has improved production speed and capability, simplified setup and maintenance requirements, and increased the demand for workers with computer skills.

The main competencies required include: following detailed technical drawings to plan jobs; selecting the type of wood and working out the amount of timber needed; selecting, installing and adjusting saw blades, cutter heads, boring bits, and sanding belts; verifying the dimensions of parts for adherence to specifications, using gauges and templates; assembling fabricated parts to make millwork products.

Team competition (6 persons)

Each participating country will have a team of six persons representing the six trades that are part of Building Construction. The team members will together build parts of a house: consulting each other, co-operating, planning, coordinating, executing, controlling and finishing.

The assignment of the joiner is the construction and installation of frames, window, door and panelling.

Registration can be done as a team for the competition 4030, with all different team members from each trade. If registered as an individual, the competitor will be part of a multi national team. This competition is combined together with trade no. 4031, 4032 and 4034 - 4036. For more information about this skills competition, please check the technical outline trade no. 4033 at www.euroskills.info



4034 Wall and Floor Tiler



Is this your job?

As a wall & floor tiler you:

- are laying tiles of ceramic tiles, mosaics and natural stone on walls, floors and staircases in houses, industrial and public buildings, churches, swimming pools, outside installations and façades to provide protective and decorative finishes;
- work from diagrams and instructions. First, you measure the area to be tiled and calculate the minimum number of tiles required. Next, you remove any existing covering;
- may work in teams. On smaller jobs, you often work alone. Experienced tilers may also specialise in one area of work, such as mosaics;
- can work for specialist tiling firms, firms specialising in artistic work and for some building contractors. Many tilers are self-employed sub-contractors.

What competencies do you need?

The main competencies required include: reading plans, measuring and marking surfaces to be covered and laying out work; being precise; preparing wall and floor surfaces; attaching tiles to surfaces; spacing and evening out the tiles; preparing and applying grout; cleaning and polishing tiles; laying floors of cement, granolithic, terrazzo or similar composition and repairing or replacing tiles.

The competitions



Team competition (6 persons)

Each participating country will have a team of six persons representing the six trades that are part of building construction. The team members will together build parts of a house: consulting each other, co-operating, planning, coordinating, executing, controlling and finishing.

The assignment of the wall and floor tiler is finishing a bathroom.

Extra

Registration can be done as a team for the competition 4030, with all different team members from each trade. If registered as an individual, the competitor will be part of a multi national team. This competition is combined together with trade no. 4031 – 4033, 4035 and 4036. For more information about this skills competition, please check the technical outline trade no. 4034 at www.euroskills.info

4035 Metal Roofer



As a metal roofer you:

- make, install, and maintain roofes, siding, rain gutters, downspouts, skylights and other products made from metal sheets. You may also work with other materials;
- first study plans and specifications to determine the type and quantity of materials required. You then measure, cut, bend, shape, and fasten pieces of sheet metal to make ductwork, countertops, and other custom products;
- fasten seams and joints together with welds, bolts, rivets, solder, specially formed sheet metal drive clips or other connecting devices;
- assemble the pieces as they install them on site. Some tasks are carried out entirely at the job-site;
- do considerable bending, lifting, standing, climbing, and sometimes have to work in close quarters or in awkward positions.

The main competencies required include: reading drawings and specifications; selecting appropriate materials and equipment; taking measurements and determining quantities; working out prefabricated parts; erecting scaffolding; laying out patterns, the accurate measuring and marking of dimensions and reference lines; assembling and installing assemblies; inspecting, testing and finishing.

Team competition (6 persons)

Each participating country will have a team of six persons representing the six trades that are part of Building Construction. The team members will together build parts of a house: consulting each other, co-operating, planning, coordinating, executing, controlling and finishing.

The assignment of the metal roofer is the installation of the roof, gutters, downspouts, and the treatment of the dormer window (copper siding, lead lining).

Registration can be done as a team for the competition 4030, with all different team members from each trade. If registered as an individual, the competitor will be part of a multi national team. This competition is combined together with trade no. 4031 – 4034 and 4036. For more information about this skills competition, please check the technical outline trade no. 4035 at www.euroskills.info

4036 Project Leader / Supervisor



As a project leader / supervisor you:

- manage crews of skilled (and unskilled) workers at construction sites;
- are a experienced construction worker responsible for your crew's efficient use of labour, tools, equipment and materials;
- plan and schedule work and keep records of the materials used and the progress made on a job;
- report on personnel, costs, and safety;
- must ensure that safety rules are followed and communicate company rules and policies to the workers;
- have to work out solutions when the workers have difficulties, grievances or complaints about their jobs;
- advise qualified tradesmen on the best way to handle certain tasks; you must be able to give clear directions and see that they are followed;
- spend a lot of time going through the construction site, checking the production and efficiency of the workers;
- are an important contact for your company with the client.

The main competencies required include: managing crews and workers and all other resources; complying with all applicable rules and standards; ability to identify problems, to analyse, to draw conclusions, to take decisions; controlling time / planning and costs / budget; understanding the mental and technological requirements the various trades supervised; accepting new ideas; the ability to take initiatives; showing authority by expertise / experience; communication and motivational skills.

Team competition (6 persons)

Each participating country will have a team of six persons representing the six trades that are part of Building Construction. The team members will together build parts of a house: consulting each other, co-operating, planning, coordinating, executing, controlling and finishing.

The assignment of the project leader / supervisor is to organize and supervise the division of the activities among the different trades. He will establish, with the trade representatives, the overall planning (that will be a basis for the assessment) and will control progress and costs.

Registration can be done as a team for the competition 4030, with all different team members from each trade. If registered as an individual, the competitor will be part of a multi national team. This competition is combined together with trade no. 4031 – 4035. For more information about this skills competition, please check the technical outline trade no. 4036 at www.euroskills.info



Is this your job?

As a painter you:

- apply paint (many types: water-, oil- based with resins, etc), varnish, and other coatings to buildings and other structures;
- choose the right paint for the surface to be covered, taking into account durability, ease of handling, method of application, and customers' wishes;
- prepare the surfaces to be covered, so that the paint will adhere properly;
- mix paints and match colours, relying on knowledge of paint composition and colour harmony;
- must be able to choose the right paint applicator.

Painters are also involved in covering walls (and ceilings) with decorative wall coverings made of paper, vinyl or fabric.

Many painters and decorators work for painting and wall covering contractors engaged in new construction, repair, restoration, or remodelling work. Self-employed independent painting contractors account for about one-half of all painters and decorators.

What competencies do you need?

The painter carries out his/her tasks in accordance with the work specifications, instructions or standards. He/she understands technical data in order to take decisions. He/she delivers the quality expected and complies with the planning and the budget. He/she learns from experience and listens to the project manager's recommendations to improve performance.

The competitions



Individual competition

The competition will advertise and promote the painting of a new building and outside and inside maintenance work.

- The competitors will have to demonstrate their ability to:
- mix colours and deal with colour / pattern samples and trials;
 - paint;
 - hang wall-coverings;
 - take technical initiatives and demonstrate personal abilities;
 - apply lettering design and painting;
 - glaze (replace the pane of a frame).

Extra

For more information about this skills competition, please check the technical outline trade no. 4051 at www.euroskills.info



The domain Transportation & Logistics covers all skilled areas relating to the transportation world. This includes creating, repairing and maintaining transportation vehicles.

5010 Transport Technology & Logistics

Truck driving is vital in the organisation of society and the transport industry has an major influence on most trades. Truck drivers are a constant presence on European highways and roads. Firms of all kinds rely on trucks to pick up and deliver goods because no other form of transportation can deliver goods door-to-door. New technologies are changing the way truck drivers work, especially long-distance truck drivers (satellites and global positioning system links, electronic delivery tracking systems).

5020 Automotive Technology Light Vehicles

Car businesses usually consist of a reception, sales department, workshop and storeroom. Generally, there are several people working in the workshop. In small businesses there may sometimes be just three, whilst in larger business you could have over 20 colleagues. These colleagues work at various levels. First car mechanics (or light vehicle technicians) are involved, at all levels, with the maintenance and repair of cars. The higher the level, the more difficult the tasks. A first car mechanic may specialise in: airco systems, engine management or electronics.

5030 Automotive Technology Heavy Vehicle

Truck companies usually consist of a reception, sales department, workshop and storeroom. In the workshop of a truck business you will often come across people with a real 'passion' for trucks. Car mechanics and technicians will frequently be involved in teamwork because it is essential that the maintenance and repair of trucks is always completed on time. Truck mechanics will undertake much

standard maintenance work and simple repairs, but the specialist mechanics will also solve bigger problems and will understand everything to do with the truck's computer systems.

5040 Mobility Sector Motorcycle

Motorcycling is becoming increasingly popular. The motorbike is a good alternative to the car, particularly on congested roads. But motorcycling also gives a feeling of freedom and is a relaxing (or exciting) sport for many people. The maintenance and repair of motorcycles is the work of the (first) motorcycle mechanic. The maintenance and repair of motorcycles is carried out in the workshop. As well as selling motorcycles, a motorcycle business usually also sells motorcycle clothing and accessories. All motorcycle businesses, including dealerships, sell second-hand motorcycles and they often hire out motorcycles too. There will also be a storeroom for the spare parts that you need for maintenance and repair work.

5050 Mobility Sector Bicycle

Alongside the car, the bicycle is a popular mode of transport. This is particularly so in the Netherlands, where the bicycle is frequently used for commuting between home and work. In addition, a bicycle is an important element of recreation. These days, bicycles have more and more technical gadgets and a bicycle mechanic (level 2) needs to know all about them. It is their job to maintain and repair the bicycle and make it ready for delivery. Bicycle mechanics also assist in the shop and have contact with customers who may want advice and information about accessories on sale in the shop, including parts, tools and clothing.



Is this your job?

- As a traffic planner (or logistician) you:
- are responsible for the intake of orders from customers;
 - design transportation schemes for the (inter)national transport of goods and cargo;
 - take care of tracking of the cargo during transport;
 - function as a central point of information for truck drivers and customers;
 - take care of the (financial) administration for the organized transport;
 - manage and supervise assistant logisticians and truck drivers.

Traffic planners work at the planning department of businesses in Logistics and Transport. There is a great variety of jobs within the transport industry. For obvious reasons, professional drivers play an important role in the operations of the industry. In addition, there are many other job opportunities. Traffic planners (or logisticians), maintenance staff including mechanics, administrative personnel and a range of management positions are just a few.

What competencies do you need?

Traffic planners need competencies such as: a proactive work attitude, self motivation, excellent time management, customer service & client relationship, ability to take on, create, acknowledge and live up to personal responsibilities, problem-solving skills and working under pressure.

The competitions

Team competition (3 persons)

The traffic planner will form a team together with the truck driver (5012). The traffic planner's task is to coordinate and plan the activities carried out by the truck driver and to plan the transport itself. The final scope of the team competition will be defined in 2008.



As a truck driver you:

- drive vehicles to their destination and unload them;
- check brakes, oil, tyres and electrical systems;
- drive defensively and handle hazardous road conditions;
- load goods onto the truck;
- make sure that the load is correctly placed and secure it by using various securing equipment;
- calculate and estimate the weight of loads to comply with load limits;
- change tyres, clean and maintain vehicles;
- keep a continuously high profile in the area of traffic safety;
- carry out 'fuel efficient' driving in order to safeguard the environment;
- function as an ambassador for the company – customer relationship.

A truck driver may specialise in a great variety of different professions. A few examples of this are: distribution driver, international transport driver, driver of household goods, building and construction driver, truck-mounted crane operator, driver of vehicles for special transport or for street cleaning/refuse collection and for the transportation of wood or live stock.

Truck drivers need skills such as: creativity, critical thinking, flexibility, a proactive work attitude, time management skills, the ability to take, create, acknowledge and live up to personal responsibilities, problem solving skills and the ability to work under pressure.

Team competition (3 persons)

The team consists of one traffic planner and two truckdrivers.

Team module

The competition involves driving a truck, driving a truck and trailer, changing tyres and operating a crane and a forklift truck.

Each task needs specific skills concerning the measurement of the length and width of the goods being transported; adjustments to speed (according to the traffic situation), understanding the technical environment of the vehicle.

This competition is combined together with trade no. 5011. For more information about this skills competition, please check the technical outline trade no. 5012 at www.euroskills.info



A First Car mechanic will carry out work such as:

- maintenance work, diagnoses and complex repairs, for example, if the car has had a difficult breakdown.
- mounting (electrical) accessories such as car kits, alarm systems and the more complicated audiovisual systems and towing hooks.
- providing the customer with information about the work.
- explaining to students and colleagues what is required of them and providing assistance if they have difficulty with their work.

A first car mechanic has the final responsibility for the work of less-experienced colleagues.

The most important competencies include: demonstrating focus and understanding, collaboration and consultation, recording and reporting, application of skills, use of materials and tools, analysis and research, delivering quality, following instructions and procedures, dealing with pressure and setbacks.

Individual competition

The trade competition is individual and modular. The following gives an idea of the modules which will have to be carried out: maintenance work; diagnoses and repairs, for example for a difficult breakdown; mounting (electrical) accessories such as car kits, alarm systems and the more complicated audiovisual systems and towing hooks; providing the customer with information about the work (for example, by taking a test drive); solve an engine management problem; solving an electronic system problem; solving management adjustment; gear box adjustment; airco systems.

For more information about this skills competition, please check the technical outline trade no. 5021 at www.euroskills.info

This competition is combined together with trade no. 5012. For more information about this skills competition, please check the technical outline trade no. 5011 at www.euroskills.info



5030 Automotive Technology Heavy Vehicle

5031 Heavy Vehicles Technician



Is this your job?

As first truck mechanic you:

- carry out maintenance work, diagnoses and complex repairs, for example, to a truck which has had a difficult breakdown (in either a heated workshop or outside, in conditions of -15 °C);
- mount (electrical) accessories or make adjustments to the truck so it is suitable for a different kind of shipment;
- explain to the customer what the truck has undergone;
- supervise students and colleagues if they have problems with their work;
- have final responsibility for the work of less experienced colleagues.

A first truck mechanic may specialise in: transport cooling systems, engine management or hydraulics or even non-technical after sales functions, such as service advisor (receptionist) or supervisory functions, such as workshop manager or service manager.

What competencies do you need?

As First Truck Mechanic you must be able to apply technical knowledge, plan how you will carry out the work and cooperate well with colleagues. In addition, you should be able to make more difficult diagnoses, supervise colleagues and communicate with customers.

The competitions



Individual competition

The trade competition is individual and modular. The following gives an idea of the modules which will have to be carried out: maintenance work; diagnoses and repairs, for example, to the truck which has had a difficult breakdown, not only in a heated workshop, but maybe also in conditions of -15 °C at the side of the motorway; mounting (electrical) accessories or adjusting the truck so it is suitable for a different kind of shipment; explaining the work the truck has undergone to the customer; carrying out electrical work; carrying out adjustments and different kinds of measurements; carrying out repairs, to lifting and hoisting gear to be able to add to systems; inspecting the truck; mounting accessories to the truck; a special mechanic has to solve bigger problems and understand everything to do with the truck's computer systems; transport cooling systems; engine management or hydraulics.

Extra

For more information about this skills competition, please check the technical outline trade no. 5031 at www.euroskills.info

5040 Mobility Sector Motorcycle

5041 Motorcycle Technician



As a first motorcycle technician you:

- work at the highest level in the motorcycle workshop;
- carry out maintenance work, diagnoses and complex repairs for example if a motorbike has had a difficult breakdown;
- mount (electrical) accessories such as radios or alarm systems;
- detect 'vague' defects in a motorcycle, the causes of which are hard to detect. Examples include sound, vibration and riding characteristics;
- explain to students and colleagues what they need to do and give support if they encounter difficulties in their work;
- have final responsibility for the work of less experienced colleagues;
- exchange technical information with external specialists and suppliers. If necessary, you pass this information on to colleagues.

The motorcycle mechanic requires competencies such as: demonstrating focus and understanding, collaboration and consultation, recording and reporting, use of materials and tools, analysis, research, learning, delivering quality, following instructions and procedures and dealing with pressure and setbacks.

Individual competition

The trade competition is individual and modular. The following gives an idea of modules that will need to be carried out: making diagnoses and carrying out repairs, for example if a motorbike has had a difficult breakdown; mounting (electrical) accessories such as radios or alarm systems; detecting 'vague' defects in a motorcycle, the causes of which are hard to detect. Examples include sound, vibration and riding characteristics; diagnosing the condition of the motorcycle; solving electronics problems and using testing equipment to detect electrical problems; different models and types of motorcycle there will be used so the competitor needs to be fairly independent and creative; work needs to be carried out accurately and carefully as special tools and equipment will be used for various repairs and maintenance.

For more information about this skills competition, please check the technical outline trade no. 5041 at www.euroskills.info

5050 Mobility Sector Bicycle

5051 Bicycle Technician



As a bicycle technician you:

- perform maintenance work, whether small-scale or large-scale. Examples include the checking and repairing/replacing of tyres, break cables, lights, locks, chains and bearings;
- make bicycles ready for delivery and fit accessories;
- diagnose problems with bicycles that have been returned due to faults or if you discover a defect yourself;
- solve simple defects. In the case of more complicated defects you ask a colleague or your supervisor (works manager) to help;
- may also be asked to assist in the shop. You will have contact with the customer who will want advice and information about the accessories on sale in the shop: parts, tools, clothing, etc.

The trade bicycle technician requires competencies such as: collaboration and consultation, presentation, recording and reporting, application of skills, use of materials and tools, analysis, research, focusing on the needs and expectations of the client, delivering quality and following instructions and procedures.

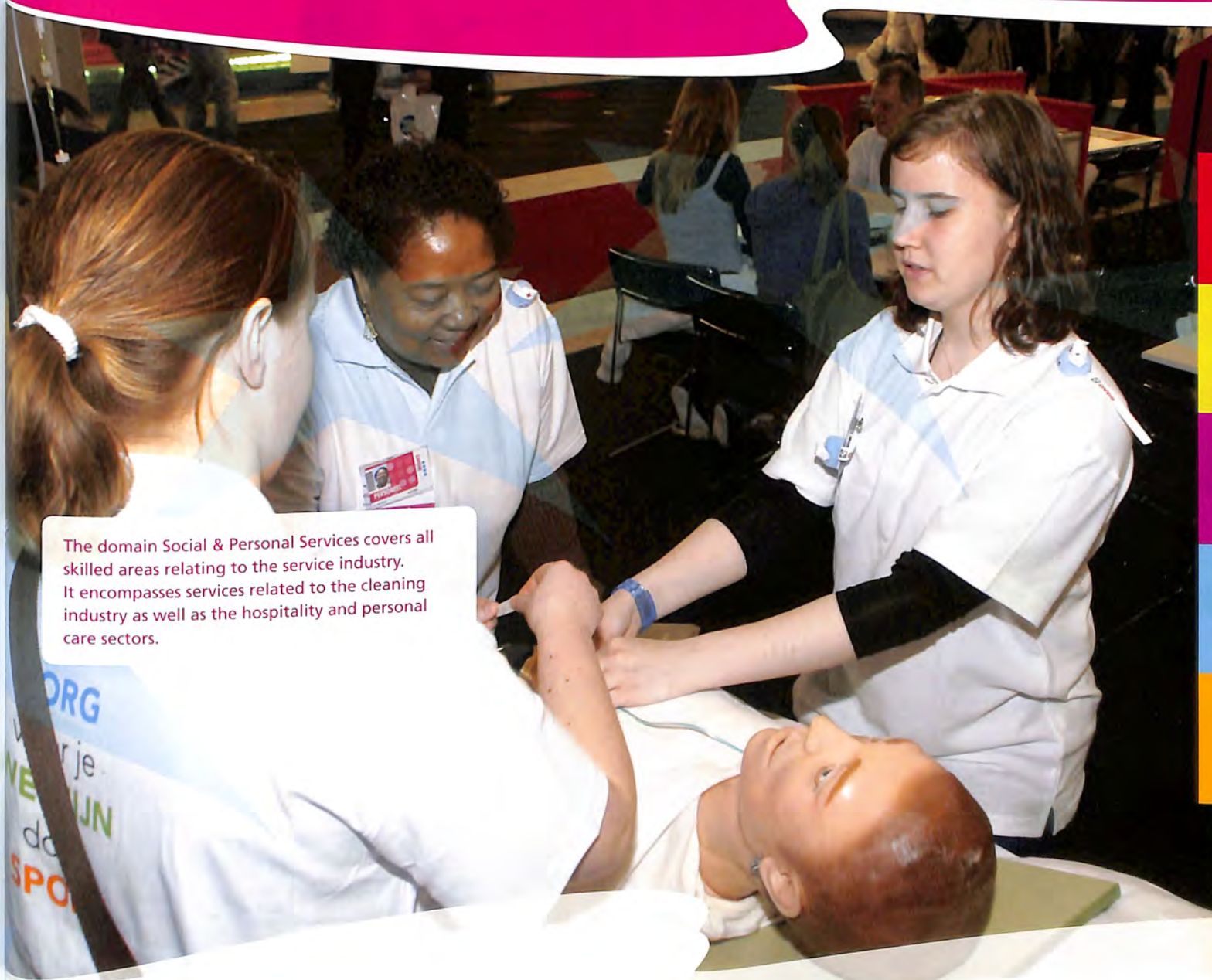
Individual competition

The trade competition is individual and modular. The following give you an idea of the modules you will be required to carry out: perform maintenance work, whether small-scale or large-scale; checking and repair/replacement of tyres, break cables, lights, locks, chains and bearings; make a bicycle ready for delivery and fit accessories; make an assessment of a bicycle that had been returned because it is faulty or if you discover a defect yourself; mount a new steering systems; solve problems with electric motors and electric pedal assistance problems; solve electrical and electronic defects; repair ATB and racing bikes; sell parts and accessories.

For more information about this skills competition, please check the technical outline trade no. 5051 at www.euroskills.info



6000 Social, Personal & Hospitality Services



The domain Social & Personal Services covers all skilled areas relating to the service industry. It encompasses services related to the cleaning industry as well as the hospitality and personal care sectors.

6020 Caring

Caring covers a broad range of abilities, activities and roles dealing with social care, support of growth and development, caring and rehabilitation. The trades involved create added value for the drug and pharmaceutical industries, for welfare services, homecare, and healthcare and manufacturers of devices for health care. Care providers, like nurses, provide medical care too and support the recovery of patients. They focus on the needs of the patient and also promote good health and well-being through education.

6030 Farrier

The farrier trims and shoes horses and ponies, which is very important for the health and well-being of the animal. The trade position in industrial processes is utilised within the worlds of horse

keeping and equine sports. The farrier works at places where horses can be found, e.g. at riding schools, studs or at his own location where the horse-owner can bring the animal to be shod.

6040 Cleaning Services

The role of the cleaner and cleaning in industrial processes and service industries is vast. Many services and processes are dependent on a clean environment or the cleaning function. Cleaning services covers the cleaning of offices, retail premises, hospital and health care locations and factories / industrial plants and processes. It includes cleaning, food, educational and public premises, vehicle cleaning and detailing, window cleaning, carpet cleaning and specialist cleaning (for example technical clean rooms).

6020 Caring

6021 Nurse



Is this your job?

Care providers like nurses provide medical care to, and support the recovery of, patients. Their focus is on the needs of the patient. Gaining the trust and confidence of each patient is an important role for nurses, as they are more involved with the continuity of patient care than other members of the medical team.

As a nurse you:

- prepare patient care plans;
- implement plans such as preparing patients for operations, wound treatment and monitoring pulse, blood pressure and temperature;
- observe and record the condition of patients;
- check and administer drugs and injections;
- set up drips and blood transfusions;
- assist with tests and evaluations;
- carry out routine investigations;
- respond quickly to emergencies;
- organise staff and workloads;
- teach skills to student and junior nurses;
- maintain patient records;
- make ethical decisions related to consent and confidentiality.

What competencies do you need?

Important competencies for nursing are: providing care, treatments and rehabilitation, demonstrating knowledge of the required skills, respecting applicable codes, optimizing team work, designing and evaluating working processes and motivating and stimulating (new) colleagues and accompanying students.

The competitions



Team competition (2 persons)

The competition consists of two assessments involving simulated situations and assignments which will be different on each competition day. The competition covers the following skills or competencies: planning, caring and nursing, pharmacotherapy, evaluation, theoretical knowledge and command of ethics, aesthetics, ergonomics, safety and environmental regulations.

6030 Farrier

6031 Farrier

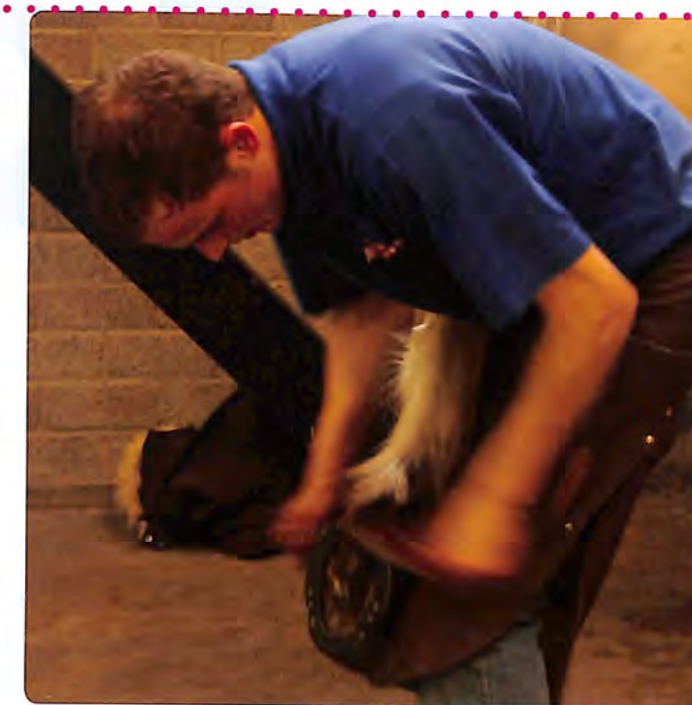


The farrier trims the hooves of horses and ponies and shoes them, both of which are very important for the horse's health and wellbeing.

As a farrier you:

- have equine knowledge;
- determine the care requirements of the equine hoof;
- maintain tools;
- produce basic shoes and modify shoes;
- shoe equine hooves : remove shoes and assess wear, trim hooves and fit shoes;
- attach shoes and finish the shoeing process;
- respect health, safety and security rules concerning humans, horses, equipment and area.

The trade position in industrial processes is conditionally for horse keeping and equine sports. The farrier is working at places where horses are; riding school, stud or at his own place where the horse-owner brings his horse to shoe.



Individual competition

The competition consists of producing basic shoes by means of:

- trimming the hoof of a dead foot, fitting and nailing on factory made shoe;
- trimming two hooves of a living horse (one front, one back);
- 'eagle eye' class: view dead? hoof for 10 seconds then make shoe to fit the hoof;
- making two horseshoes: one a 'surprise' and one shoe which has been previously practised.

Extra

For more information about this skills competition, please check the technical outline trade no. 6021 at www.euroskills.info

For more information about this skills competition, please check the technical outline trade no. 6031 at www.euroskills.info



6040 Cleaning Services

6041 Cleaning Manager



Is this your job?

As a cleaning manager you:

- manage a number of resources related to the job of cleaning;
- need skills to manage people, resources, operations and information.

The role of the cleaner and cleaning in industrial processes and service industries is vast. Many services and processes are dependent on a clean environment or the cleaning function. They may be grouped into: office cleaning, retail premises cleaning, hospital and health care cleaning, factory / industrial plant cleaning, food premises cleaning, cleaning of education and public premises, vehicle cleaning and detailing, window cleaning, carpet cleaning and specialist cleaning e.g. "technical clean rooms".

What competencies do you need?

A cleaning manager has to work structured, has to be familiar in time management and is customer oriented.

The competitions



Team competition (4 persons)

The competition team will be made up of four competitors who have to work together: one manager, one supervisor and two cleaning operatives.

The competition will include:

- work preparation;
- work planning;
- work processes;
- evaluation of completed work;
- justifying actions.

Possible tasks to be performed are: cleaning soft and hard floors, window cleaning, wall washing and cleaning furniture and work stations and biological spillage /infection control.

Extra

This competition is combined together with trade no. 6042 and 6043. For more information about this skills competition, please check the technical outline trade no. 6041 at www.euroskills.info

6040 Cleaning Services

6042 Cleaning Supervisor



As a cleaning supervisor you:

- supervise a number of cleaning operatives;
- need skills to manage and supervise people, resources and operations;
- need skills to manage Information.

The role of the cleaner and cleaning in industrial processes and service industries is vast. Many services and processes are dependent on a clean environment or the cleaning function. They may be grouped into: office cleaning, retail premises cleaning, hospital and health care cleaning, factory/ industrial plant cleaning, food premises cleaning, cleaning of education and public premises, vehicle cleaning and detailing, window cleaning, carpet cleaning and specialist cleaning e.g. "technical clean rooms".

A cleaning supervisor is focussed upon the internal process at work and has to be a real people manager.

Team competition (4 persons)

The competition team will be made up of four competitors who have to work together: one manager, one supervisor and two cleaning operatives.

The competition will include:

- work preparation;
- work planning;
- work processes;
- evaluation of completed work;
- justifying actions.

Possible tasks to be performed are: cleaning soft and hard floors, window cleaning, wall washing and cleaning furniture and work stations and biological spillage /infection control.

This competition is combined together with trade no. 6041 and 6043. For more information about this skills competition, please check the technical outline trade no. 6042 at www.euroskills.info

6043 Cleaning Operative



As a cleaning operative you must be able to carry out the following:

- cleaning duties;
- compliance with procedures and directions including health and safety;
- communicating with others;
- working in a team;
- customer Service;
- maintaining records;
- working with information.

The role of the cleaner and cleaning in industrial processes and service industries is vast. Many services and processes are dependent on a clean environment or the cleaning function. They may be grouped into: office cleaning, retail premises cleaning, hospital and health care cleaning, factory/ industrial plant cleaning, food premises cleaning, cleaning of education and public premises, vehicle cleaning and detailing, window cleaning, carpet cleaning and specialist cleaning e.g. "technical clean rooms".

Cleaning operatives work accurate and hygienic.

Team competition (4 persons)

The competition team will be made up of four competitors who have to work together: one manager, one supervisor and two cleaning operatives.

The competition will include:

- work preparation;
- work planning;
- work processes;
- evaluation of completed work;
- justifying actions

Possible tasks to be performed are: cleaning soft and hard floors, window cleaning, wall washing and cleaning furniture and work stations and biological spillage /infection control.

This competition is combined together with trade no. 6041 and 6042. For more information about this skills competition, please check the technical outline trade no. 6043 at www.euroskills.info



EuroSkills 2008 in Ahoy Rotterdam

Ahoy Rotterdam, is a multifunctional facility. A striking venue that won Dutch and foreign prizes for its special steel constructions. Ahoy has been further expanded since it was built in 1971. In 2008, the Sports Palace will be overhauled and expanded to create a maximum capacity of some 15.000 (standing or seated). So Ahoy is, and will remain, one of the main venues for major (sporting) events, concerts, shows and other forms of entertainment, both in the Netherlands and beyond. The exhibition and event halls cover 30.000 m², expandable to 50.000 m².

The Ahoy is located in the Southern part of the city of Rotterdam and is easily accessible. It is located near highways and there is a big parking lot to handle thousands of cars and buses. By (international) train you travel to Central Station, take the subway direction Spijkenisse or direction Slinge. Get off at the stop Zuidplein. From here, it will take you approximately 5 minutes to walk to Ahoy. Rotterdam has got it's own airport called Zestienhoven and from there it will take about 20 minutes by car. With the public transport system it will take about one hour to get from the Schiphol airport to the Ahoy venue.

concept Euroskills
18/20 september 2008
Ahoy Rotterdam



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www.skills sweden.com

The Netherlands

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T: +31 (0)172 21 11 20
www.skills-netherlands.nl

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