



The HEART/NSTA Trust, WorldSkills Jamaica

presents

National Skills Competition 2021

The 7th Staging of the National Skills Competition presents seven (7) Skills. Below we share details about these skills:



Mobile Applications Development

Mobile Applications Developers use technology and design to create apps which are appealing and function well on phones.

Mobile Applications Development could be for you if you like:

- Complex problems
- Making things

We use apps on our phones every day. It is the job of Mobile Applications Development to create these essential tools for almost every aspect of our lives.

As a rapidly increasing way of communicating and sharing information, this is one of the fastest growing occupations, offering opportunities for both employment and self-employment, especially for young people.

As such, you may have a tightly developed role for a company in a specific sector, such as delivery or sales, or be able to offer tailored solutions to smaller businesses as a freelancer.

Mobile Applications Development requires an understanding of technology and design to make an app that is appealing and functions well. You must understand the client's requirements and create a test-driven framework for a product that is reliable, updatable, and that the user can understand and use with ease.



IT Software Solutions for Business

Creating new systems and modifying existing ones to provide software solutions to large and small businesses.

IT Software Solutions for Business could be for you if you like:

Complex problems

Helping people

Making things

Using computers

One of the areas of greatest demand in today's business world is providing software solutions.

This can involve creating completely new systems or modifying existing ones, working as part of the team responsible for analysis and design, construction, testing, and maintenance.

This field changes rapidly making it essential to keep on top of the latest developments in the industry to best serve clients.



Mobile Robotics

Designing, building, and maintaining robots to solve problems in industries from manufacturing to aerospace, mining to medicine.

Mobile Robotics could be for you if you like:

- Complex problems
- Fixing things
- Making things
- Things that move
- Using computers
- Using tools

- Working as a team

Robots play an increasing role in our lives and places of work in areas as diverse as manufacturing, agriculture, aerospace, mining, and medicine.

Mobile robots begin with a design and then a prototype which must be programmed and tested to make sure it offers a high and consistent level of performance.

The mobile robotics engineer must be familiar with logic, microprocessors, and computer programming and prepare specifications for the robot's capabilities as they relate to the work environment. They are also responsible for cost efficient design, cost-price calculations, and quality control.



Beauty Therapy

The beauty therapist offers a head-to-toe experience that improves the client's quality of life by making them look and feel their best.

Beauty Therapy could be for you if you like:

- Being creative
- Helping people

Beauty Therapy work includes a variety of skills from hairstyling, nail and skin care to body massage and make-up expertise.

Beauty therapists work in close contact with their clients and that relationship is at the heart of the job. In addition to demonstrating a wide range of beauty treatment the role also has a therapeutic element which can help the client's sense of well-being and self-esteem.

The beauty business is subject to changes in styles and trends, so it is important to keep in touch with the latest developments in the industry.



Wall and Floor Tiling

Laying tiles accurately and a high level of finish in a variety of materials in residential, commercial, and public projects.

Wall and Floor Tiling could be for you if you like:

- Being creative
- Craftsmanship

- Fixing things
- Making things
- Using tools

Tiles can be made of ceramics, mosaic, and natural stone. Likewise, the environment in which they are used is equally diverse: walls, floors, and staircases in houses, offices, gardens, factories, public buildings, and places of worship.

That means that they may be expected to work both inside and out, accurately following designs, preparing surfaces, and laying tiles to the correct pattern and grouting to a high standard.

Tilers sometimes specialize in certain areas of artistic work, for example the complex designs seen in swimming pools.



Welding

Preparing and joining various types of metal using both electrical, and electric/gas processes.

Welding could be for you if you like:

- Craftsmanship
- Fixing things
- Making things
- Using tools

Welders work with different metals to cut and join everything from steel beams to pipes, plates, and pressurized vessels.

Being able to operate the various types of welding equipment both safely and accurately is of the highest importance. This can include the latest types of submerged arc, plasma arc, stud welding, and laser welding.

Welders need to prepare and finish joints in a wide range of industries and locations, from a factory workbench or construction site to a power station or ship at sea.



Plastering and Drywall Systems

Plastering flat surfaces, installing drywall systems, and creating decorative moldings on projects from private homes to historic houses.

Plastering and Drywall Systems could be for you if you like:

- Craftsmanship
- Fixing things
- Making things
- Using tools
- Working as a team

Plasterers work on both inside and outside surfaces, often creating metal frames and installing plasterboard to create drywalls before applying the final plaster surface.

They will know how to interpret plans using a range of materials and are able to work on projects that include curved surfaces, windows, doors and decorative molding.

Plasterers are typically employed as sub-contractors for work on domestic and commercial projects, as well as heritage sites.



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