



JR Academy's **2024 Vocational Education Training Courses**

JR
JAKE RILEY LTD



VOCATIONAL EDUCATION

ABOUT

Jake Riley is an international consultancy firm with a team of consultants passionate about industrialization reform. We are a leading international consultancy that helps leading companies, public sector bodies and social sector organisations in Nigeria to build, improve their performance and tackle the challenges they face. We have the unique ability to connect clients with their target audience and create direct access to qualified prospects. In today's tough economic conditions, organizations need to have a clear understanding of their role and purpose, and work hard to deliver the best service. This is achieved through a well –prepared and trained staff strength. Training brings direct benefits to business and can be calculated as a return on investment. In the public sector, that means more efficient processes and more effective outcomes. In the light of this, the unique selling points of Jake Riley Academy are;

- Solid, theoretical, grounding with well-researched concepts, yet practical execution.
- All trainers are Professionals knowing the industry on a global perspective.
- Demonstrated high energy level which leads to a high motivation and learning impact with participants
- Learning by doing approach by using “impromptu” drills and case studies
- Concepts are international yet tailored to the Nigerian market

With our team highly certified instructors, engineers, financial managers, administrators, technicians, procurement agents, all working with a common aim to achieve excellence and leave a mark of perfection on our projects and ultimately guaranteeing customer satisfaction.

Our Vision

To be the champion of industrialization reform within Africa and beyond.

Our Mission

To provide innovative and substantial solutions designed to effect change.

Methodology

We would launch the JR Academy using our 3D approach: Discovery, Design and Delivery

Discover

- Prior to the training, we would run diagnosis using the skills gap assessment
- We would tailor our training to the Nigerian market using best practice on questionnaire, survey and telephone interviews
- Individual and team members goal setting that aligns with the organisation, signed by supervisor.

Design

- Lead-time for availability of trainers and bringing them to the country: dependent on booking situation of individual trainers, but usually not more than one month.
- Organize the learning content in logical steps based on feedback from the questionnaire.

Delivery

- Delivery style: lectures, group discussions, case studies, and plenary discussion, programmed learning and learning by doing
- Special modules (“Clinics”) are available for all topics, once participants have covered the basic courses
- Individual coaching sessions with a trainer assessment are also possible
- Feedback mechanism to supervisor: individual goal setting prior to training signed also by supervisor and monitored by supervisor 3-6 months later

Partnership

To expand our reach and boost our professional expertise, Jake Riley Ltd has entered into technical and professional partnerships with several reputable institutions both locally and internationally.

General Notes

- All our courses can be facilitated as Customized In-House Training course.
- Course duration is flexible and the contents can be modified to fit any number of days.
- All courses can be done either virtual or physical.
- As for Open Enrolment Courses, we offer our clients the flexibility to choose the location, date, and time and our team of experts will assist in facilitating the course.
- The course fee includes facilitation, training materials and a Certificate of successful completion of Training.

CONTENTS

Technical and Vocational Education

| | |
|--|----|
| ➤ VET Electrical Installation and Repair | 6 |
| ➤ VET Carpentry and Woodworking | 7 |
| ➤ VET Automotive Mechanics | 8 |
| ➤ VET Fabrication and Welding | 9 |
| ➤ VET Meter installation | 10 |
| ➤ VET Catering | 11 |
| ➤ VET Gas Engine Conversion | 12 |



ELECTRICAL INSTALLATION AND REPAIR COURSE

INTRODUCTION

Electrical Installations & Repair training seminar begins with the fundamental principles that always apply to ensure safety. This course will then progress through basic design procedures, inspection, testing and maintenance requirements, as well as repairs, concluding with a review of power quality problems that affect the reliability of an installation where high technology interfaces with a supply.

THIS COURSE WILL PROVIDE AN UNDERSTANDING OF:

- The initial assessment of an installation before the design
- Selection of protective devices
- Cable sizing and installation
- Inspection and testing procedures
- The maintenance requirements
- Repair requirements

COURSES

- Preliminary Design Requirements
- Design Characteristics
- Designing an Installation
- Commissioning and Testing
- Periodic Maintenance

WHO SHOULD ATTEND

This programme is designed for Technicians, Trade workers, Labourers and Professionals from the Construction, Manufacturing, Energy and Waste management industry.

DURATION: 8 WEEKS

PRICE: N250,000

VENUE: TBD

CLASS SIZE: MINIMUM OF 12



CARPENTRY AND WOODWORKING COURSE

INTRODUCTION

Skills in carpentry and woodworking can open participants to opportunities to work in many different specialty areas including residential and commercial carpentry. Primarily, participants will learn about tools, materials and building techniques.

Carpentry skills can be applied to residential or commercial remodeling, cabinet making and exterior and interior trim. Coursework in carpentry classes commonly includes instruction in building safety, construction codes, framing and site layout. Hands-on practice will be emphasized in most classes.

COMMON TOPICS WILL INCLUDE:

- Basic math for carpenters
- Use of power tools
- Safety and OSHA requirements
- Building code
- Woodworking techniques

COURSES

- Fundamentals of Residential and Light Commercial Carpentry
- Advanced Residential Carpentry
- Residential Remodelling for Carpenters
- Fundamentals of Cabinet Building
- Exterior and Interior Finishes and Trim

WHO SHOULD ATTEND

This programme is designed for Carpenters, Technicians, Trade workers, Labourers and Professionals from the Construction, Manufacturing and furniture making who are starting their career in the industry.

DURATION: 12 WEEKS

PRICE: N250,000

VENUE: TBD

CLASS SIZE: MINIMUM OF 12



AUTOMOTIVE MECHANICS COURSE

INTRODUCTION

Auto mechanics program will cover all major automotive systems among other practical considerations such as passenger safety and more.

COMMON TOPICS WILL INCLUDE:

- Small engines
- Lubrication and cooling systems
- Maintenance and repair
- Service operations
- Manual and power steering

COURSES

- Engine Service Course
- Brake Service Course
- Electric System Course
- Automotive Steering Course

WHO SHOULD ATTEND

This course is also designed for the person who just wants to know a little bit about the automotive field for their own vehicle repairs.

DURATION: 8 WEEKS

PRICE: N250,000

VENUE: TBD

CLASS SIZE: MINIMUM OF 12



FABRICATION AND WELDING COURSE

INTRODUCTION

In the fabrication and welding course, participants will be introduced to world of welding. This course will focus on the various welding processes used in today's industries. They will learn to weld mild steel, carbon steels, stainless steels, alloy steels and non-ferrous metals Good safety practices are stressed in lab situations as required in the welding industry. They will also acquire the skill of welding terminology that is essential in any welding career.

COURSES

- Shop Safety
- Oxy-Acetylene Welding
- Cutting Process
- Arc Welding
- Wirefeed Welding
- TIG Welding
- Welding Metallurgy
- Welding Symbols
- Math for Welders
- Welding Fabrication Projects

WHO SHOULD ATTEND

Participants having background in Mechanical / Material Science/ Metallurgical engineering/ Production Engineering/ Manufacturing Technology.

DURATION: 12 WEEKS

PRICE: N250,000

VENUE: TBD

CLASS SIZE: MINIMUM OF 12



METER INSTALLATION COURSE

INTRODUCTION

Meter installation course is designed for those who are currently working as or who are interested in becoming electric utility workers. This course is useful for people who want to become electricians, working in homes and businesses. Participants also gain hands-on training within a laboratory working with electricity concepts and meter installation.

COMMON TOPICS WILL INCLUDE:

- Single and poly-phase meter usage and installation
- Power quality
- Remote access to meter data
- Common operational problems
- Electrical safety protocol
- Basic substation functions

COURSES

- Principles of Electricity and Electrical Systems Course
- Introduction to Electric Metering Procedures Course
- Electric Meter Testing Equipment and Practices Course
- Electrical Wiring and Meter Installations Course

WHO SHOULD ATTEND

Participants having background in Mechanical / Material Science/ Metallurgical engineering/ Production Engineering/ Manufacturing Technology.

DURATION: 8 WEEKS

PRICE: N250,000

VENUE: TBD

CLASS SIZE: MINIMUM OF 12



CATERING COURSE

INTRODUCTION

Our catering course is designed for those who aspire to work or establish careers within the catering or hospitality industry. We take into account local culinary traditions, preferences and business practices. We offer practical hands-on experience and create real life scenarios.

COMMON TOPICS WILL INCLUDE:

- Safe Food Handling Process
- Basic and Advanced cooking methods
- Balancing menus for diverse events and occasions
- Artistic Food presentation
- Coordination and logistics for catering events
- Workflow optimization for large-scale catering
- Managing budgets for events
- Health and safety regulations
- Event décor and styling

COURSES

- Food safety and hygiene Course
- Menu Planning and development Course
- Cooking Techniques
- Event Planning and Management Course
- Food Costing and Budgeting Course
- Kitchen Organization and workflow
- Customer Relationship Management
- Marketing and Business Development
- Legal and Regulatory Compliance

WHO SHOULD ATTEND

Participants having background in Mechanical / Material Science/ Metallurgical engineering/ Production Engineering/ Manufacturing Technology.

DURATION: 8 WEEKS

PRICE: N250,000

VENUE: TBD

CLASS SIZE: MINIMUM OF 12



GAS ENGINE CONVERSION COURSE

INTRODUCTION

Gas Engine Conversion course is designed for those who are currently working in the gas sector or individuals who want to convert their skills and knowledge to work with gas-related systems. This course is useful for Plumbers, HVAC Technicians, Engineers, Appliance Installers and Repair Technicians, Maintenance personnel, Home Inspectors, Renewable Energy Professionals, Trade schools' students etc. Participants also gain hands-on training with different engine types.

COMMON TOPICS WILL INCLUDE:

- Understand the different gases, their properties and compatibility with different engine types.
- Select applicable installation kits for various engine types.
- Carry out installation of conversion kits from petrol/diesel engines to gas powered engines
- Effectively determine system efficiency and applicable adjustment for optimal performance
- Carry out troubleshooting, preventive and corrective maintenance on gas powered engines
- Identify safety features on gas systems and applicable emergency response.

COURSES

- Gas Fundamentals: LPG, CNG, NG, Autogas
- Technical Conversion Module I and II
- Gas Conversion and Diagnostic Workshop
- Maintenance
- Safety

WHO SHOULD ATTEND

Participants having background in Mechanical / Material Science/ Metallurgical engineering/ Production Engineering/ Manufacturing Technology.

DURATION: 4 WEEKS

PRICE: N350,000

VENUE: TBD

CLASS SIZE: MINIMUM OF 12

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