WEB DESIGN

EMBRACE YOUR DIGITAL CREATIVITY

HTML/CSS

4 WEEKS

KES 20,000/-
COLLEGE CERTIFICATION

KES 27,000/-
INTERNATIONAL CERTIFICATION

- Build web pages with clean, well-formed HTML and CSS code.
- Use semantic HTML tags to improve structure and meaning.
- Style websites with inline, internal, and external CSS for flexibility.
- Create responsive layouts that work on any device or screen size.
- Add images, audio, and video for rich multimedia experiences.
- Organize content with headings, lists, tables, and forms.
- Position and align content using CSS margins, padding, and box model.
- Format text and backgrounds for visual interest and clarity.
- Follow accessibility best practices to reach every user.
- Test your code to ensure quality, readability, and cross-platform support.

JAVASCRIPT

4 WEEKS

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- Master JavaScript operators, methods, and keywords for efficient coding.
- Apply best practices such as comments, indentation, and naming conventions.
- Understand how to use both internal and external JavaScript scripts.
- Implement exception handling with try, catch, and finally blocks.
- Interact with the Browser Object Model to display dialogs and get screen size.
- Work confidently with variables, data types, and type conversions.
- Create and manage arrays and objects for data organization.
- Utilize built-in Math functions for calculations and problem-solving.
- Write reusable functions, handle parameters, and manage scope.
- Debug decision statements and loops to control program flow.

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MYSQL

- Design tables to store data, identifying entities, rows, and columns.
- Choose the right primary key for each scenario, including composite keys.
- Select data types for text, numbers, dates, and Boolean values.
- Establish relationships between tables using primary and foreign keys.
- Normalize databases to improve structure and remove redundancy.
- Apply data protection measures like backups, encryption, and access controls.
- Create, alter, and drop tables using ANSI SQL syntax.
- Manage views, stored procedures, and functions for flexible data access.
- Select and implement clustered & non-clustered indexes to boost performance.
- Develop real-world skills for database design, creation, and management.

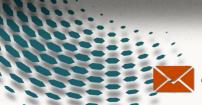**4 WEEKS**

KES 19,000/-
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KES 25,000/-
INTERNATIONAL CERTIFICATION

PYTHON

- Understand Python's core data types: strings, integers, floats, and booleans.
- Perform data operations such as conversion, slicing, and list management.
- Apply operators to control logic and calculations in your code.
- Build programs with effective decision-making using if, elif, and else.
- Write loops to repeat actions and handle complex tasks with while and for.
- Read and write files, manage user input, and display output clearly.
- Organize code with functions, comments, docstrings, and proper indentation.
- Detect, fix, and handle errors using Python's robust error handling tools.
- Use built-in libraries for file management, math, dates, and randomization.
- Prepare for industry exams and real-world coding through hands-on practice.

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