



THE UNIVERSITY
OF THE
WEST INDIES
FIVE ISLANDS
CAMPUS

Career Opportunity

ADVERTISEMENT FOR THE POST OF WEB PROGRAMMER/SYSTEM ADMINISTRATOR

The Five Islands Campus is inviting applications from suitably qualified individuals for **the post of Web Programmer/Systems Administrator (IT Officer I)**.

In line with The UWI Five Islands Campus (FIC) growth and development vision, the Campus Information Technology Services (CITS) unit has designed this role to collaborate closely with the CITS team, delivering high-quality support necessary for achieving FIC's strategic goals. As the Campus expands and IT demands evolve, there is a growing need for flexible, scalable IT resources to meet new challenges. This role represents a key resource expected to support the Campus's future technological advancements.

To enable CITS to deliver services at an optimal level, a skilled and committed team is essential—particularly with expertise in developing, maintaining and ensuring the reliable operation of Campus websites and systems. The Web Programmer/Systems Administrator will play a central role in developing, maintaining and optimizing websites, web-based applications and platforms, ensuring seamless user experiences that support business objectives. This role will also be crucial in managing and maintaining IT infrastructure to ensure the Campus's systems and servers are highly available, secure, and scalable.

Duties of the post include the following:

- Designs, codes, modifies and troubleshoot web applications, ensuring they are optimized for usability, speed, and performance.
- Functions as the Campus Web Master by maintaining all FIC websites in collaboration with the Marketing team to ensure all the standards regarding the single university brand are met.
- Provides the technical support for content management system (CMS) – Drupal is currently being used.

- Creates online applications to deliver functionality to the user or for the purpose of creating an intuitive interface.
- Monitors system performance and performs routine server backups, updates, and patches.
- Administers databases ensuring data integrity, security and performance.
- Sets up and manages user access, ensuring proper security protocols are in place for system users.
- Troubleshoots and resolves hardware, software, and network issues.
- Administers security solutions (firewalls, EDR, etc.) to protect the organization's digital assets.
- Manages cloud services (AWS, Azure, Google Cloud) and ensures smooth integration with on-premises infrastructure.

Qualifications, Training and Experience:

- Bachelor's degree in Computer Science, Information Systems or a related discipline.
- Minimum of five (5) years' experience in web programming and design, and system administration.
- Technical training and deep familiarity with the Drupal CMS.
- Experience with server operating systems (Linux, Windows Server).
- Experience with higher education applications, Ellucian Banner is a plus
- Hands-on experience with cloud services (AWS, Azure, Google Cloud, Microsoft Azure).
- Experience providing technical support and training end-users.
- Familiarity with database technologies, including Oracle, PostgreSQL, MySQL, MongoDB, Microsoft SQL Server and Microsoft Access.
- Proficiency in programming languages such as Python, PHP, JavaScript, and SQL.
- Strong knowledge of web technologies including: HTML5, CSS3, JavaScript frameworks (e.g., React, Angular, Vue.js).
- Knowledge of secure coding practices, web vulnerability assessments, and penetration testing.

- Familiarity with web application security frameworks and protocols (e.g., OAuth, SSL/TLS, SSO).
- Knowledge of data protection policies and best practices.

Key Competencies:

- Strong analytical and problem-solving skills.
- Ability to work independently and in a team environment.
- Excellent communication and interpersonal skills.
- Attention to detail and a commitment to quality.

Salary will be fixed in accordance with the IT Officer I salary scale.

Applicants are **required** to submit:

1. A completed application form
2. Curriculum vitae (CV) with full details of qualifications and experience
3. Copies of academic qualifications
4. Names and addresses of three (3) referees (one of whom should be from your previous or present organization). References should also be sent under CONFIDENTIAL cover DIRECTLY to the Employee Success Department without waiting to be contacted by The University.

These are to be sent by e-mail to fic.employeesuccessdepartment@uwi.edu and addressed to Employee Success Department, The University of the West Indies, Five Islands Campus, Antigua and Barbuda, West Indies. The final date for receipt of applications is **February 7, 2025**.

The Employee Success Department would like to thank all applicants for their interest. Please note that only shortlisted candidates will be acknowledged or contacted.

***Campus Registrar
The Office of the Campus Registrar, Five Islands Campus
28/01/2025***