



**A TECHNICAL REPORT
ON
STUDENT INDUSTRIAL WORK EXPERIENCE SCHEME (SIWES)
HELD AT
INTERNATIONAL AVIATION
COLLEGE ILORIN**

**BY:
AZEEZ JAFARU ADAVIRUKU
ND/23/PAD/PT/0107**

SUBMITTED TO:

DEPARTMENT OF PUBLIC ADMINISTRATION
INSTITUTE OF FINANCE AND MANAGEMENT STUDIES
KWARA STATE POLYTECHNIC, ILORIN

IN PARTIAL FULFILMENT OF THE AWARD OF NATIONAL DIPLOMA
IN PUBLIC ADMINISTRATION

MARCH, 2025.

DEDICATION

It is dedicated to Almighty Allah, the giver and taker of wisdom, knowledge and understanding. And Also to my inestimable parents, **MR. AND MRS. YUSUF AZEEZ** who happens to be the instrumental of my education, and for their counseling, patience and encouragement given to me.

ACKNOWLEDGEMENT

All thanks to Allah for making this SIWES a reality. My profound gratitude goes to the Head, Department of Administration Department (**MR. OLOWOKERE A.O**), Kwara State Polytechnic, Ilorin, Kwara State for his word of advice.

I wish to express my sincere appreciation to some of my lecturers and many to mention but few, for the great wisdom and knowledge impacted in me.

I also used this medium to appreciate the support of my parents, **MR. AND MRS. YUSUF AZEEZ** and also to my big daddy **CAPT YAKUBU O. OKATAHI** for their physical, moral, spiritual and financial supports that was given to me during the course of my SIWES programmed.

My appreciation will not be completed if I fail to appreciate my SIWES coordinator (**MR. ONI OPEYEMI ADEGBOYEGA**) and other staff at INTERNATIONAL AVIATION COLLEGE ILORIN, KWARA STATE.

ABSTRACT

This report gives the account of the training I undergone at INTERNATIONAL AVIATION COLLEGE It includes all the experience I acquired during the course of my SIWES at the INTERNATIONAL AVIATION COLLEGE

TABLE OF CONTENTS

Dedication

Acknowledgement

Abstract

CHAPTER ONE

Introduction

Meaning and Objective of SIWES

History of SIWES in Nigeria

CHAPTER TWO

Overview of the Organization

Description of the work-done during the SIWES

CHAPTER THREE

Various Departments in the Organization

General Experience acquired during SIWES

Problems/challenges/Obstacles encountered during SIWES

CHAPTER FOUR

Summary of work-done

Conclusion

CHAPTER ONE

INTRODUCTION

Students Industrial Work Experience Scheme (SIWES) is a very big aid and a stepping stone to life after school. It is an opportunity given to students to put into practice most of the things that were taught as theory by lecturers in the Institution.

INTERNATIONAL AVIATION COLLEGE has been a great aid to this programmed because it gives more enlightenment on what Hardware & Software programmed is all about. As a result of this, SIWES gives students more orientation and exposure to students in their course of training.

MEANING OF SIWES

Students Industrial Work Experience Scheme (SIWES) is the accepted skills training programmed, which forms part of the approved minimum academic standards in the various degree programmers for all the Nigerian Universities and polytechnics. It is provided to bridge the gap that exists between the theory and practical.

It is aimed that exposing students to machines and equipment, professional work methods and way of safeguarding the work areas and workers in industries and other organizations.

OBJECTIVE OF SIWES

- To prepare students for the work situations they are likely to meet after graduation
- To provide an avenue for students in the Nigerian Institution to acquire industrial skills and experience in their course of study
- To strengthen employer's involvement in the entire educational process of preparing institution graduates for employment in industry
- To provide students with an opportunity to apply their theoretical knowledge in real work situation, thereby bringing the gap between institution work and actual practice.
- To expose students to work methods and techniques in handling equipments and machinery that they may not available in universities.

HISTORY OF SIWES IN NIGERIA

In the earlier stage of science and technology education in Nigeria, students were graduating from their respective institution without any technical knowledge or working experience. It was in this view that students undergoing science and technology related courses were mandated for students in different institution in the view of widening their horizons so as to enable them have technical knowledge or working experience before graduating from their various institutions. The Students Industrial Training Funds (ITF) 1973 to enable students of tertiary institutions have basic knowledge of industrial works base on their course of study before the completion of their program in their respective institutions. The scheme was designed to expose the students to industrial environment and enable them develop occupational competencies so that they can readily contribute their quota to National economic and technological development after graduation.

The major background behind the embankment of students in SIWES was to expose them into industrial environment and enable them develop occupational competencies so that they can readily contribute their quota to national economical and technological development after graduation. The major benefit acquiring to students who participate consistently in SIWES are skills and competencies they acquired.

The relevant production skill remain the part of the recipients of industrial training as long as assets which cannot be taken away from them. This is because the knowledge and skills acquired through training are internalized and become relevant when required to perform jobs or functions.

CHAPTER TWO

OVERVIEW OF THE ORGANIZATION

The International Aviation College (IAC) is a leading aviation training institution that provides high-quality education and training to students from around the world. The college is dedicated to producing competent and skilled aviation professionals who can meet the demands of the rapidly growing aviation industry. The International Aviation College was Commissioned on Tuesday may,17,2011 with the aim of providing world-class aviation training to students from Nigeria and other parts of the world. Since its inception, the college has grown rapidly and has become one of the most reputable aviation training institutions in the region. The mission of the International Aviation College is to provide high-quality aviation training that meets the needs of the aviation industry, while also promoting safety, security, and environmental sustainability. The college's vision is to become a leading aviation training institution in Africa and beyond, recognized for its excellence in aviation education and training. As part of my academic program, I embarked on the Student Industrial Work Experience Scheme (SIWES) to gain practical experience and insight into the Administrative functions of an organization. My SIWES at – IAC/ Registry Department.

DESCRIPTION OF WORK DONE

During my training program, the first week of resumption, I was shown all the departments in the organization through which I was attached into one of the department I was oriented on how to make good relationship with my colleagues. Normal meeting time starts in the morning at 8:00am to 8:30am which lasts for thirty minutes in which I was punctual throughout.

CHAPTER THREE

VARIOUS DEPARTMENTS AT THE INTERNATIONAL AVIATION COLLEGE

- ❖ **ACADEMIC DEPARTMENTS**
- ❖ **ADMINISTRATIVE DEPARTMENTS**
- ❖ **SUPPORT SERVICES DEPARTMENTS**
- ❖ **FLIGHT OPERATIONS DEPARTMENTS**
- ❖ **RESEARCH AND DEVELOPMENT DEPARTMENTS**

GENERAL EXPERIENCE ACQUIRED

Aviation Knowledge

1. Understanding of aviation regulations: Familiarity with international civil aviation organization (ICAO) and federal aviation administration (FAA) regulations.
2. Knowledge of aircraft systems: Understanding of aircraft electrical, hydraulic, and fuel systems.
3. Weather and navigation principles: Understanding of meteorology and navigation systems.
4. Aircraft performance: Understanding of takeoff and landing performance, climb and descent performance, and cruise performance.
5. Aviation safety principles: Familiarity with safety management systems and risk management.

Practical Skills

1. Flight training: Hands-on experience with flight training, including ground school and flight simulator training.
2. Aircraft maintenance: Practical experience with aircraft maintenance, including routine maintenance and repairs.
3. Air traffic control: Hands-on experience with air traffic control, including air traffic control simulations and training.

4. Aviation security: Practical experience with aviation security, including security procedures and protocols.
5. Aviation management: Hands-on experience with aviation management, including managing aviation-related projects and developing aviation-related business plans.

Soft Skills

1. Communication: Effective communication skills, including written and verbal communication.
2. Teamwork: Ability to work effectively in teams, including collaboration and leadership.
3. Problem-solving: Ability to analyze problems and develop effective solutions.
4. Time management: Ability to prioritize tasks and manage time effectively.
5. Adaptability: Ability to adapt to changing situations and priorities.

Industry Connections

1. Internships: Opportunities for internships with aviation companies, including airlines, airports, and aviation maintenance organizations.
2. Guest lectures: Opportunities to learn from industry professionals through guest lectures.
3. Industry partnerships: Opportunities to connect with industry partners, including access to industry resources and networking opportunities.
4. Career fairs: Opportunities to connect with aviation companies and learn about job opportunities through career fairs and job expos.
5. Alumni network: Opportunities to connect with alumni and learn about their experiences in the aviation industry.

Personal Development

1. Confidence building: Opportunities to develop confidence in aviation-related skills and knowledge.

2. Leadership skills: Opportunities to develop leadership skills, including leading teams and managing projects.
3. Networking skills: Opportunities to develop networking skills, including connecting with industry professionals and building relationships.
4. Time management skills: Opportunities to develop time management skills, including prioritizing tasks and managing time effectively.
5. Adaptability and flexibility: Opportunities to develop adaptability and flexibility skills, including adapting to changing situations and priorities.

Career Opportunities

1. Airline pilot: Opportunities to work as pilots for airlines

PROBLEMS/CHALLENGES FACED DURING SIWES

I had the most problem searching for a place of attachment for my industrial training because most of the organization rejects my request due to one reason or the other. I encountered the listed below problems during my SIWES program:

- Inadequate funds/financial difficulties
- Inadequate facilities, there is no accommodation facility for the SIWES students which makes the program a little bit difficult for me.
- Inaccessible machines. Most of the SIWES students are banned from some equipment, thus; given less opportunity to operate while they ask us to learn from them while operating it.

CHAPTER FOUR

SUMMARY OF THE WORKDONE

Lucidly, the report tells more about my industrial training held at the INTERNATIONAL AVIATION COLLEGE at Beside Ilorin international Airport, ogbomoso Ilorin road. The experience centers on the knowledge I gained as a student of Public Administration.

RECOMMENDATIONS

I recommended that Government NBTE should make money available for the students that are on SIWES. I also recommended that equipments that should be made available in the school for the students to understand the practical aspect of the study. While this, the duration of the training should be extended for more training experience. Frequent and proper supervision should be made by the school managements to create room for seriousness among SIWES students.

CONCLUSION

The SIWES program undergone at INTERNATIONAL AVIATION COLLEGE, Beside Ilorin international Airport, Ogbomoso Ilorin road. Afforded me an in-depth exposure to some of the practical aspect of Public Administration I was opportune to be directed to Registry Department where I was introduced to many things.

The programmed has been highly enlightening, interesting, beneficial and successful.

Without this training, the Ordinary National Diploma program (OND) would have been incomplete because it is a program that has really helps students to appreciate all the theoretical aspects of the work given at the institution. The aspiration of which the scheme was undergone was highly achieved.