

## Module: Applied Information Technology 350

<b>Module name:</b>	Applied Information Technology 350
<b>Code:</b>	AIT350
<b>NQF level:</b>	6
<b>Type:</b>	Core – Diploma in Information Technology (all stream)
<b>Outside classroom:</b>	1200 hours
<b>Notional hours:</b>	1200 hours
<b>Credits:</b>	120
<b>Prerequisites:</b>	Not more than 18 credits outstanding of the total academic programme.

### Purpose

Experiential learning and off-site practical form an integral part of the education and training of the students at The Belgium Campus. It is part of the curriculum and requirements for the awarding of their qualification.

- To expose students to the nature and scope of the actual work situation on a regular basis.
- To expose and assess the student's application of the acquired on-campus knowledge and skills based on prescribed syllabus, in a real work situation under the guidance of a mentor.

### Outcomes

Upon successful completion this module, the student will be able to:

- Communicate complex information reliably and coherently using appropriate academic and professional or occupational conventions, formats and technologies for both internal and external communication with respect for established conventions, timelines and deadlines as they are specified.
- Make decisions and act appropriately in familiar and new contexts through comparing, contrasting, adapting and ameliorating their acquired knowledge whilst demonstrating an understanding of the relationships between the different kinds of field of study, and of how actions, ideas or developments in one system impact on other systems.
- Evaluate, select and apply appropriate methods, procedures or techniques in investigation or application processes within the practical work environment.
- Identify, analyse and solve problems in unfamiliar contexts, gathering evidence and applying solutions based on evidence and procedures appropriate to the practical working environment.
- Evaluate performance against a given criteria and accurately identify and address his or her task-specific learning needs in the practical workplace.
- Work effectively in a team or group, and to take responsibility for his or her decisions and actions and the decisions and actions of others within the practical workplace.

### Assessment

- Continuous evaluation of work through monthly reports.
- Continuous evaluation of work through mentor evaluations.
- Continuous evaluation of contact sessions with mentor.

- Final assessment through a final report.

## Teaching and Learning

### Learning materials

#### *Prescribed Book*

All text used during academic training.

### Learning activities

The work integrated learning is a practical module with 12 compulsory weekly reports reflecting the first 12 weeks of in-service training, 12 monthly reports, 2 mentor evaluations and 1 final report which must be completed during the module. Supervisor input and feedback will be given based upon the above-mentioned reports.

### Notional learning hours

Activity	Units	Contact Time	Structured Time	Self-Directed Time
Workplace Training	12			1200.0
				<b>1200.0</b>

*Note: The actual time spent in the workplace may greatly exceed the notional time required to achieve the specified learning outcome.*

### Syllabus

- Guidelines and templates on completing the various reports required.
- Additional to this practical training is measured through presentations 1 per quarter where students are required to present experience in work environments.
- The student is required to complete their in-service training within one of the diploma streams.