

Green Star Accredited Professional Program – Existing Building Performance

Course Overview

The program provides a comprehensive overview of the *GBCSA Green Star rating system for Existing Building Performance* tool for the **objective measurement and rating of the on-going environmental performance of existing buildings** and provides insight into all major aspects of environmental sustainability that should be considered in the operation of existing buildings.

Who Should Attend This Course

Facilities managers, Sustainability Consultants, Engineers, Property owners and developers and tenants

Key Course Objectives

1. To gain an understanding of the importance of sustainability in the built environment and the role of the GBCSA
2. To understand the Existing Building Performance tool
3. To become an Accredited Professional in Existing Building Performance (GSAP EBP) with a focus on doing Green Star submissions for existing buildings

Key Benefits

1. On completing all 3 parts of the program and passing the exam, participants will be registered as Green Star Accredited Professionals for Existing Building Performance (GSAP EBP)
2. As a registered GSAP EBP you will be equipped with the knowledge to guide a project team in the implementation of green initiatives and certification of a Green Star registered project
3. Be recognised as a professional with a greater understanding of environmental issues related to the built environment and property industry

The Face to Face Workshop

Green Star Accredited Professional for Existing Building Performance Face to Face Workshop is hosted by the GBCSA and a faculty member and presented face to face to a group of up to 50 people in each of the major centres

The workshop offers the participant the opportunity to experience a South African Green Star Tool for existing buildings in action. It opens with a recap of the tool and its structure, a sharing of basic technical information and highlights relevant local examples of the application of the Green Star to explore each category through a combination presentation by industry expert and video content. Following this, participants will join groups to explore how the tool is applied through a series of scenarios-based exercises. This group work with a multidisciplinary team of professionals creates opportunity for deeper learning, engagement and application of the tool in practice. Wherever possible group will also be given the opportunity to tour a green star rated building.

Key Course Objectives

- To encourage collaboration & team work between professionals
- To gain understanding of how the GS tool works in a “real” scenario
- To gain insight into the role of the AP in a professional team

Prerequisites

- A good attitude for collaboration, sharing and learning
- Some property industry experience would be beneficial though not essential

Duration

Full day course

The Online Course

The online course forms a key part of the Green Star Accredited Professional Program for Existing Building Performance. If you're a details person or no stranger to the online learning environment, you can choose to do the online course first. The advantage of this is that you will get a deep dive into the nitty gritty, technical detail of the tool right up front, preparing you really well for engaging with the more interactive workshop component of the program.

The online course is accessible anywhere with a reasonably good internet connection. Course material can be accessed with a computer, tablet or even a smart phone. On purchasing the course, participants can choose convenient dates to join a course. It runs every single month, starting on the second Monday of that month and is accessible to you for a full two-week period. All the available dates are displayed on our website under the online course tab within your chosen Accredited Professional Program.

During this 2-week period, you can:

- access the material at **any time of day**
- spend as little as **8 to 10 hours** going through the material at your own pace
- **read** course material
- **download everything** to keep
- **access all technical manuals** and other supporting documents
- **engage** with other course participants through a forum
- **ask for technical support**
- complete quizzes to **test your understanding**

In order to qualify to write the exam and become a GSAP NB, you will need to “complete” both the online course and the workshop before writing and passing the exam. “Completion” of the online course means that you have opened all the documents and finally, very importantly **completed all the quizzes**. We are able to track all your activity through our learning management system so no short cuts!

During your chosen two week course period you will receive regular prompts to encourage you to move through material and to help you manage your time and our support team will be at hand to help you wherever necessary.

The modules are outlined below

- **Module 1:** Green Building & the GBCSA. Understand why green building is important and the role of the Green Building Council South Africa.
- **Module 2:** The Green Star rating tools. Be introduced to the Green Star Existing Building Performance tool. Understand how the tool is structured, and the eligibility criteria. Learn how to calculate your rating
- **Module 3:** Management. Understand how and why the Management category is measured. Learn about the credits that make up the Management category
- **Module 4:** Understand how and why the Indoor Environment Quality category is measured. Learn about the credits that make up the Indoor Environment Quality category
- **Module 5:** Energy. Understand how and why the Energy category is measured
Learn about the credits that make up the Energy category
- **Module 6:** Transport. Understand how and why the Transport category is measured. Learn about the credits that make up the Transport category
- **Module 7:** Water. Understand how and why the Water category is measured
Learn about the credits that make up the Water category
- **Module 8:** Materials. Understand how and why the Materials category is measured. Learn about the credits that make up the Materials category
- **Module 9:** Land use and ecology. Understand how and why the Land Use and Ecology category is measured. Learn about the credits that make up the Land Use and Ecology category

- **Module 10:** Emissions. Understand how and why the Emissions category is measured. Learn about the credits that make up the Emissions category
- **Module 11:** Innovation. Understand how and why the Innovations category is measured. Learn about the credits that make up the Innovations category
- **Module 12:** The certification process and submission guidance. Be introduced to the certification process. Be provided with guidance on submissions and assessments

The learner will come away with a good understanding of the following:

- Why each category is important
- The aim of each credit
- How the credits are measured and how to obtain points

Course Requirements

- An internet connection
- A high level understanding of the design and construction process of an interior fit-out
- Access to technical manuals

Duration

Each module takes an average of 30 minutes with a total time of 6- 8 hours with access to the course available for a chosen 2 week period.

The Online Exam

The Green Star Existing Building Performance Accredited Professional Exam is offered online and accessible anywhere at any time.

The examination tests your knowledge and understanding of the use and application of the Existing Building Performance tool. It is an online, open book examination and is made up of a combination of short questions, multiple choice questions as well as long answers.

You need to achieve at least 75% in order to pass the exam and meet entry level requirements before attaining your GSAP EBP status.

Duration

2.5 Hours

Prerequisites

- Completed the online course including all quizzes

- Attendance at workshop
- An internet connection
- Access to technical manuals
- Graduate of relevant degree or diploma from recognized tertiary institution or 2 years relevant work experience