

Green Star Accredited Professional Program – New Buildings 2019

Program Overview

The program provides a comprehensive overview of the *GBCSA Green Star rating system for Design and As Built* tools for the objective measurement and rating of the environmental performance of **new buildings and major refurbishments** and provides insight into all major aspects of environmental sustainability that should be considered in the design and construction of green buildings.

The program is open to all those involved in the design, construction and operation of the built environment in South Africa and beyond with suitable level of knowledge and experience. Candidates will need to demonstrate relevant industry experience or tertiary level qualification in a suitable property industry related field upon request by the GBCSA in order to be recognised as a GSAP – New Buildings upon successful completion of the program.

Who Should Attend This Program

Architects, Engineers, Quantity Surveyors, Project Managers, Contractors, Sustainability Consultants, Property Developers and anyone else involved in the design and construction of the built environment in South Africa and beyond.

Key Course Objectives

1. To gain an understanding of the importance of Green building and understand the role of the GBCSA
2. To understand the Design and As Built Suite of tools (Office, Multi-unit Residential, Retail & Public & Education Buildings)
3. To become an Accredited Professional in New Buildings (GSAP NB) with a focus on doing Green Star submissions for new buildings and major refurbishments

Key Benefits

1. On completing all 3 parts of the programme and passing the exam as well as meeting minimum entry requirements, participants will be registered as Green Star Accredited Professionals for New Buildings (GSAP NB)

2. As a registered GSAP NB, you will be equipped with the knowledge to guide a project team in the design and certification of a Green Star registered project for a range of building types
3. Be recognised as a professional with a greater understanding of environmental issues related to the built environment and property industry

Cost for Entire Program (Part 1, 2 and 3)

Members	R6235.00 incl VAT
Non-members	R7940.00 incl VAT

PART 1 – Online Course

Part 1 of the Green Star Accredited Professional Course for New Buildings is presented in an online format and accessible anywhere in 2 ways:

- as a **scheduled event**

Part 1 of the GSAP NB course is a 13 module **online** program using the latest technology-assisted learning methodologies and provides real practical and applicable understanding of the detail of the rating tool by combining reading material and practice quizzes. Along with course content material, attendees are provided with digital copies of the relevant tool manuals.

The modules are outlined below

- **Module 1:** The Big picture - Understanding the importance of Green Building & the role of the GBCSA
- **Module 2:** The Green Star rating system - History, development & relationship to legislation. Understanding the environmental weighting, core credits and eligibility criteria
- **Module 3:** Management Category - addresses the way a building site and completed building is designed for ease of good management, waste management, building commissioning as well as the development of building user guides
- **Module 4:** Indoor Environmental Quality- assess the wellbeing and comfort of building occupants by addressing thermal comfort, pollutants, natural daylight and ventilation

- **Module 5:** Energy- aims to reduce a buildings energy consumption, increase it efficiency and encourage the generation of power from alternative sources
- **Module 6:** Transport- aims to disincentivise motor vehicles use for single persons by encouraging use of public and alternative transport.
- **Module 7:** Water- aims to target reduced use of potable water by encouraging specification of low flow items and the recycling of grey and black water.
- **Module 8:** Materials- Aims to reduce the use of virgin material and encourage the use of materials from a sustainable sources
- **Module 9:** Land use & ecology - rewards initiatives that aim to increase and protect our natural biodiversity
- **Module 10:** Emissions - rewards buildings that reduce their greenhouse gas emissions and resulting impact on the environment.
- **Module 11:** Innovation - recognises, rewards and encourages innovative initiatives incorporated into building projects.
- **Module 12:** Socio-economic - Moving beyond green to address aspects of social and economic importance by addressing skills transfer, employment creation and community benefits
- **Module 13:** Certifications & Submissions - Understanding what data and information need to be gathered for a submission and how the certification process works.

The course covers all core credits that appear across all the Design & As Built Tools and 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 a building
- Access to technical manuals

Duration

Each module takes an average of 25 minutes with a total time of 6-8 hours

Cost – Part 1

Members	R 2154.00 incl VAT
Non- members	R 2835.00 incl VAT

PART 2 – Face to face Workshop

Green Star Accredited Professional for New Buildings Face to Face Workshop is hosted by the GBCSA and a faculty member and presented face to face to a group of 30 people in or close to a Green Star certified building in each of the major centres

The workshop offers the participant the opportunity to experience a South African Green Star building first hand. It opens with a recap and sharing of the technical information and highlights relevant local and international examples of the application of the Green Star to explore each category. A group exercise, with a multidisciplinary team of professionals creates opportunity for deeper learning, engagement and application of the tool and learnings from Part 1 of this programme.

This is followed by an in depth case study and an “under the hood” building tour in one of our recently rated green buildings.

Key Course Objectives

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

Prerequisites

- A good attitude for collaboration, sharing and learning

Duration

Full day course

Cost – Part 2

Members	R 3628.00 incl VAT
Non- members	R 4818.00 incl VAT

PART 3 – Online Exam

The Green Star 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 suite of design and as built tools. 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 attain your GSAP NB status.

Duration

2.5 Hours

Cost – Part 3 Only

Members	R1250.00 incl VAT
Non-members	R1590.00 incl VAT

Prerequisites

- Part 1 completed and passed
- Attendance at Part 2 (live workshop)
- An internet connection
- Access to technical manuals which will be made available as part of Part 1

How to book

Please visit our website www.gbcsa.org.za

Click on the **LOG IN** button on the top right hand side.

- 1) Sign in using the email and password that you received when your Profile was created on our site originally.
OR

2) Choose Not registered yet? [Click here](#) and create your Profile.

Once you are logged in simply click on your name in the top right hand corner then select the Education tab. Here you will select your Workshop/online course/exam, choose your preferred dates upfront and check your selection out. Upon payment, you will receive access notifications and your purchase will be available and accessible on your Dashboard.

There are 2 options

- 1) Book all three parts as a package – this gives you a discounted rate.
- 2) Book each part separately.