Training course on Green Building Certification Systems (Advanced LEED, BREEAM, WELL)

Professional Development Training Course Outline

Category	Real Estate Institute	**Duration**	5 Days
Base Fee	$1,500 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

As the real estate sector increasingly recognizes its pivotal role in addressing climate change and enhancing human well-being, advanced green building certification systems have become indispensable tools for validating sustainability performance, driving innovation, and attracting premium investment. Moving beyond foundational green principles, detailed mastery of globally recognized systems like LEED (Leadership in Energy and Environmental Design), BREEAM (Building Research Establishment Environmental Assessment Method), and WELL Building Standard is crucial for real estate professionals aiming to achieve unparalleled levels of environmental responsibility, energy efficiency, and occupant health. These advanced certifications not only signify a building's commitment to sustainability but also offer a competitive edge in a market where tenants, investors, and regulatory bodies are increasingly prioritizing ESG (Environmental, Social, and Governance) performance. Training Course on Green Building Certification Systems (Advanced LEED, BREEAM, WELL) is meticulously designed to equip with the expert-level knowledge and practical skills. This specialized program focuses on in-depth analysis of credit categories, complex documentation requirements, performance optimization strategies, and the interplay between these diverse certification schemes, blending advanced technical understanding of building systems, detailed project management for certification, innovative design solutions for high-performance buildings, and robust verification processes, and the leveraging of real-world project case studies and hands-on exercises to ensure participants can confidently guide projects through the rigorous certification processes, ultimately delivering high-value, high-performance, and truly sustainable built environments in Kenya and globally. This comprehensive 5-day program delves into nuanced methodologies for interpreting advanced credit requirements across multiple green building standards, mastering sophisticated techniques for optimizing building performance to achieve higher certification levels, and exploring cutting-edge approaches to integrating health and well-being considerations into environmentally focused designs, leveraging innovation credits, and navigating the complexities of multi-certification projects. By integrating global industry best practices in green building design and certification, analyzing **real-world examples of Platinum/Outstanding/WELL Certified projects (including those in emerging markets where applicable), and engaging in intensive hands-on credit analysis workshops, documentation drills, performance modeling discussions, and expert-led problem-solving sessions, attendees will develop the strategic acumen to

confidently lead and achieve top-tier green building certifications, fostering unparalleled market leadership, enhanced asset value, and a profound contribution to human and planetary health, thereby securing their position as indispensable leaders in shaping a truly sustainable and resilient built environment.

Programme Curriculum

Training Course on Green Building Certification Systems (Advanced LEED, BREEAM, WELL)

Introduction:

As the real estate sector increasingly recognizes its pivotal role in addressing climate change and enhancing human well-being, **advanced green building certification systems have become indispensable tools for validating sustainability performance, driving innovation, and attracting premium investment.** Moving beyond foundational green principles, detailed mastery of globally recognized systems like **LEED (Leadership in Energy and Environmental Design), BREEAM (Building Research Establishment Environmental Assessment Method), and WELL Building Standard** is crucial for real estate professionals aiming to achieve unparalleled levels of environmental responsibility, energy efficiency, and occupant health. These advanced certifications not only signify a building's commitment to sustainability but also offer a competitive edge in a market where tenants, investors, and regulatory bodies are increasingly prioritizing ESG (Environmental, Social, and Governance) performance. Training Course on Green Building Certification Systems (Advanced LEED, BREEAM, WELL) is meticulously designed to equip with the expert-level knowledge and practical skills. This specialized program focuses on **in-depth analysis of credit categories, complex documentation requirements, performance optimization strategies, and the interplay between these diverse certification schemes**, blending **advanced technical understanding of building systems, detailed project management for certification, innovative design solutions for high-performance buildings, and robust verification processes**, and the leveraging of **real-world project case studies and hands-on exercises** to ensure participants can confidently guide projects through the rigorous certification processes, ultimately delivering high-value, high-performance, and truly sustainable built environments in Kenya and globally.

This comprehensive 5-day program delves into **nuanced methodologies** for **interpreting advanced credit requirements across multiple green building standards,** mastering **sophisticated techniques for optimizing building performance to achieve higher certification levels,** and exploring **cutting-edge approaches** to **integrating health and well-being considerations into environmentally focused designs, leveraging innovation credits, and navigating the complexities of multi-certification projects.** By integrating **global industry best practices in green building design and certification,** analyzing **real-world examples of Platinum/Outstanding/WELL Certified projects (including those in emerging markets where applicable), and engaging in intensive hands-on **credit analysis workshops, documentation drills, performance modeling discussions, and expert-led problem-solving sessions**, attendees will develop the **strategic acumen** to confidently lead and achieve top-tier green building certifications, fostering unparalleled **market leadership, enhanced asset value, and a profound contribution to human and planetary health**, thereby securing their position as indispensable leaders in **shaping a truly sustainable and resilient built environment.**

Course Objectives:

Upon completion of this course, participants will be able to:

1. **Analyze core principles and strategic responsibilities** of **advanced LEED, BREEAM, and WELL certification systems** in the context of global and Kenyan real estate.
2. **Master sophisticated techniques** for **interpreting and applying complex credit requirements** across diverse certification categories.
3. **Develop robust strategies** for **optimizing building design and operational performance** to achieve Platinum/Outstanding/WELL Certified levels.
4. **Implement effective documentation and verification processes** essential for successful advanced certification submission.
5. **Manage complex project workflows** to ensure seamless integration of certification requirements from conception to operation.
6. **Apply robust strategies** for **integrating health and well-being (WELL) with environmental sustainability (LEED/BREEAM)** in holistic green building projects.
7. **Understand the deep integration of financial analysis** with advanced certification, including cost-benefit analysis and ROI for high-performance features.
8. **Leverage knowledge of innovation credits and regional priorities** to maximize certification points.
9. **Optimize strategies for existing building certifications (O+M, In-Use)** to enhance long-term sustainability performance.
10. **Formulate specialized certification strategies** for **different real estate typologies** (e.g., commercial, residential, healthcare, retail).
11. **Conduct comprehensive due diligence** for projects targeting advanced certifications, identifying specific risks and opportunities.
12. **Navigate challenging situations** such as **complex technical compliance, stakeholder misalignment, and evolving certification requirements**.
13. **Develop a holistic, practical, and technically proficient approach** to **advanced green building certification, with a focus on maximizing value and impact in Kenya and globally.**

Target Audience:

This course is designed for professionals aiming for advanced Green Building Certification expertise:

1. **Green Building Consultants & Assessors:** Deepening expertise for high-level project guidance.
2. **Architects & Engineers:** Integrating advanced sustainable design principles into projects.
3. **Real Estate Developers & Project Managers:** Leading and overseeing high-performance green building initiatives.
4. **Investors & Asset Managers:** Evaluating, acquiring, and managing certified green assets.
5. **Facility & Property Managers:** Optimizing operations for ongoing green building performance and re-certification.
6. **Sustainability Managers (Corporate/Institutional):** Driving corporate green building strategies.
7. **Construction Professionals:** Implementing best practices for green construction and materials.
8. **Policy Makers & Urban Planners:** Understanding advanced standards for future regulatory development.

Course Duration: 5 Days

Course Modules:

- **Module 1: Advanced Principles of Green Building Certifications & Strategic Selection**
    - **Recap of Foundational Concepts**: Brief overview of green building principles, the role of certifications.

    - **Deep Dive into LEED, BREEAM, and WELL**: Detailed comparison of methodologies (point-based vs. weighted, performance-based vs. prescriptive), core categories, and global relevance.
    - **Strategic Certification Selection**: Factors influencing choice (project type, geography, client goals, market demand in Kenya, ESG alignment).
    - **Case Study**: Analyzing a complex real estate project in an emerging market that successfully pursued multiple advanced green building certifications, highlighting the rationale and benefits.
- **Module 2: Advanced LEED: Building Design & Construction (BD+C) & Operations + Maintenance (O+M)**
    - **Sustainable Sites (SS)**: Advanced strategies for site management, non-potable water use, heat island reduction, and light pollution reduction.
    - **Water Efficiency (WE)**: Optimizing indoor/outdoor water use beyond baselines, process water efficiency, and advanced metering.
    - **Energy & Atmosphere (EA)**: Deep dive into optimized energy performance (ASHRAE 90.1, advanced modeling), renewable energy integration (on-site and off-site), enhanced commissioning, and refrigerant management. Focus on nuances for hot climates like Kenya.
    - **Materials & Resources (MR)**: Advanced strategies for material ingredient reporting (HPDs, C2C), environmental product declarations (EPDs), responsible sourcing, and construction and demolition waste management.
    - **Case Study**: Detailed analysis of a LEED Platinum certified project, focusing on how specific advanced credits were achieved and documented.
- **Module 3: Advanced BREEAM: Comprehensive Assessment & Life Cycle Focus**
    - **Management (Man)**: Advanced commissioning, performance monitoring, and stakeholder engagement throughout the project lifecycle.
    - **Health and Well-being (Hea)**: Deeper look into indoor air quality, thermal comfort, visual comfort (daylight/glare), acoustic performance, and healthy materials, with a comparative lens to WELL.
    - **Energy (Ene)**: Achieving low/zero carbon emissions, advanced energy modeling, smart energy management systems, and passive design optimization for varying climates.
    - **Case Study**: In-depth review of a BREEAM Outstanding project, focusing on the rigorous assessment process and the strategies employed to excel across multiple categories.
- **Module 4: Advanced WELL Building Standard: Human-Centric Performance**
    - **Air**: Advanced air filtration, volatile organic compound (VOC) reduction strategies, air quality monitoring, and managing construction pollution.
    - **Water**: Advanced water quality testing, filtration, and contamination prevention protocols.
    - **Nourishment**: Promoting healthy food choices, food transparency, and supporting food production.
    - **Light**: Circadian lighting design, glare control, and advanced lighting comfort systems.
    - **Case Study**: Analyzing a WELL Platinum certified office space or residential development, detailing the specific features and policies implemented to enhance occupant health and well-being.
- **Module 5: Performance Verification, Documentation & Project Management for Advanced Certifications**
    - **Rigorous Documentation Requirements**: Understanding the specific evidence needed for each advanced credit in LEED, BREEAM, and WELL.
    - **Performance Measurement & Monitoring**: Strategies for ongoing data collection (energy, water, IEQ) and reporting.
    - **Commissioning & Testing**: Enhanced commissioning processes, performance testing, and post-occupancy evaluations.

    - **Roles and Responsibilities**: Defining roles within the project team (e.g., LEED AP, BREEAM Assessor, WELL AP) and managing consultants.
    - **Case Study**: Practical workshop on preparing advanced level documentation for a chosen project scenario, including identifying critical path items and potential pitfalls.
- **Module 6: Financial & Business Case for Advanced Green Building Certifications**
    - **Quantifying the Value Proposition**: Enhanced asset value, higher rents, lower operating costs, increased occupant productivity/well-being, and reduced risk.
    - **Cost-Benefit Analysis**: Detailed financial modeling of advanced green building features, including payback periods and ROI calculations specific to the Kenyan market.
    - **Accessing Green Finance**: Exploring green loans, bonds, and investment funds that prioritize certified green buildings in Kenya.
    - **Market Differentiation & Branding**: Leveraging advanced certifications for marketing and competitive advantage.
    - **Case Study**: Presenting a compelling business case for investing in a LEED Platinum/BREEAM Outstanding/WELL Certified project, tailored for different investor types (e.g., institutional, private equity).
- **Module 7: Synergies, Challenges, and Future Trends in Green Building Certifications**
    - **Integrated Design Process**: Fostering collaboration among all project stakeholders from the outset.
    - **Overcoming Implementation Challenges**: Addressing lack of awareness, supply chain limitations (relevant to Kenya for some green materials), initial cost perceptions, and regulatory hurdles.
    - **Retrofitting Existing Buildings**: Strategies for achieving advanced certifications for existing stock through deep retrofits and operational improvements.
    - **The Future of Green Building**: The role of AI, IoT, and digital twins in optimizing building performance and certification.
    - **Case Study**: Discussion on the long-term impact of advanced certifications on urban development in Kenya, drawing lessons from local pioneering projects.
- **Module 8: Capstone Project & Strategic Implementation Workshop**
    - **Project Selection**: Participants choose a real or hypothetical real estate project in Kenya.
    - **Advanced Certification Strategy Development**: Participants develop a detailed plan for achieving an advanced level of LEED, BREEAM, or WELL (or a combination) for their chosen project.
    - **Action Planning**: Translating learned concepts into immediate, actionable steps for their professional roles.
    - **Final Discussion**: Open forum on leading the sustainable transformation of the built environment.

Training Methodology

- **Interactive Workshops:** Facilitated discussions, group exercises, and problem-solving activities.
- **Case Studies:** Real-world examples to illustrate successful community-based surveillance practices.
- **Role-Playing and Simulations:** Practice engaging communities in surveillance activities.
- **Expert Presentations:** Insights from experienced public health professionals and community leaders.
- **Group Projects:** Collaborative development of community surveillance plans.
- **Action Planning:** Development of personalized action plans for implementing community-based surveillance.
- **Digital Tools and Resources:** Utilization of online platforms for collaboration and learning.
- **Peer-to-Peer Learning:** Sharing experiences and insights on community engagement.

- **Post-Training Support:** Access to online forums, mentorship, and continued learning resources.

Re

Upcoming Scheduled Sessions

Start Date	End Date	Location	Price
23 Nov 2026	27 Nov 2026	Online	$1,000
23 Nov 2026	27 Nov 2026	Physical	$1,500
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$4,500
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$6,000

Ready to enroll or request a customized program? Book online or contact us:

Register Online Now

Email: info@fineskilltrainingcenter.com | Website: www.fineskilltrainingcenter.com