The Innovation in Design credits provide points for projects that incorporate innovative and sustainable building features that go above and beyond the LEED Rating System requirements or categories. There are four points available where project teams can be awarded for exceptional performance in a category of their choice. The second credit specifically is awarded if a LEED AP is included in the project team.
INTEGRITY: To provide design teams and projects the opportunity to be awarded points for exceptional performance above the requirements set by the LEED-NC Green Building Rating System and/or innovative performance in Green Building categories not specifically addressed by the LEED-NC Green Building Rating System.

- Exemplary Performance: Exceed credit requirements by the next increment
- Green building topic not covered in the LEED Rating System

**REQUIREMENTS** - In writing, identify the following:
- intent of the proposed innovation credit
- proposed requirement for compliance
- proposed submittals to demonstrate compliance
- strategies that might be used to meet the requirements

Under this ID credit there are two strategies to receive points. The first type of strategy is to exceed a credit's requirements; called exemplary performance. The second approach is to address a sustainability topic not covered in the LEED Rating System. Both strategies have the same intent and requirements needed for a complete submittal. The resources for possible ID credits are the CIR database and USGBC news briefs.
### ID | Innovation & Design: Credit 1.1 – 1.4

#### Credits Overview: Exemplary Performance

- **Exceed credit requirements by next increment**
  - **SS Credit 7.1:** 100% underground parking
  - **WE Credit 3.2:** 40% water use reduction
  - **EA Credit 6:** 70% building’s electricity from renewable sources in 2 year contract
  - **MR Credit 2:** 95% construction waste recycled
  - **EQ Credit 8.1:** 95% daylighting of spaces

- Prerequisites are not eligible
- Not all credits have this capability

The list above gives some examples where exemplary performance is allowed for an ID credit, with the proper percentage increase needed to earn a point. The general rule is that the ID requirements meet the next increment or double if incremental levels do not exist. An example of doubling the requirements is SS Credit 7.1 where the underground parking requirement is doubled from 50% to 100%. It is important to note that the rule is excused where it is not realistic for projects to meet a 100% threshold such as daylighting and construction waste recycling. In these cases a 95% threshold is sufficient.
Over the course of the LEED-NC program, certain ID ideas have been used in many projects so that an intent and specific requirements have been created and approved by the USGBC. In essence, they have become fixed credits that have been adapted into other LEED Rating Systems. The alternative transportation plan above followed this process as well as the green building education and green housekeeping credits. The specifics of these ID credits will not be necessary for the LEED AP test, but showcase different ideas for ID credits.

The first component to meeting the requirements is to achieve at least three out of the four alternative transportation credits in the Sustainable Sites category.
Extra Commitment Requirements:

- Implement Guaranteed Ride Home program
- Install a carpool coordination kiosk or message board
- Orchestrate carpools with company vans
- Arrange discounts on Zip or Flex Cars
- Provide maps of preferred bike routes
- Subsidize bus and subway passes
- Encourage alternative work schedule (4 days/week) or tele-working options

In addition to meeting three alternative transportation credits, the owner must do all of the above. Any programs that provide travel and subsidized travel passes must have a 5 year or more commitment.
1) Comprehensive Signage Program:
   - Build signage into the building's spaces to educate the occupants and visitors of the benefits of green buildings
   - Include windows to view energy-saving mechanical equipment
   - Call attention to water-conserving landscape features

The education credit is another credit which is not in the LEED Rating System, but that has over time established its own requirements by the USGBC. The intent of the education credit is to provide interactive green building education to the public or interested building professionals.
2) **A Manual, Guidelines, or Case Study:**

- Develop a tool to inform the design of other buildings based on the successes of this project.
- This manual will be made available to the USGBC for sharing with other projects.

The Green Building Toolkit is an example of a guide to help building professionals go through the process of creating a high performance building. There is information about the economic benefits of green building, how to manage a project in the LEED program, and provides technical resources. Please visit this resource at www.southface.org.
The third option is to create a guided tour, self guided tour, or educational outreach program to the public. A tour synergizes well with signage describing the green building features. Writing a self guided tour that explains all of the building’s information is an easy way for walk-ins to learn about the building if a formal tour will not occur that day.
Green housekeeping practices are an important aspect to a green building. Cleaning products can harm environmental and human health. Cleaning products have the potential to off-gas volatile organic compounds (VOCs) into the air and contaminating the indoor air quality for occupants. In addition to the problems associated with IAQ, these chemicals harm water systems as they are poured down drains. These toxic substances in our waterways harm wildlife and drinking water quality. The solution to this problem is not to clean our buildings less, but to replace toxic cleaning products with less toxic substances. This change to a low impact environmental cleaning program is a cost-neutral exchange from the conventional cleaning program because green cleaning products are becoming more prevalent in the market.

* Purchase products that satisfy the Green Seal GS-37 Standard and create a training program that helps janitorial staff learn the effective use of the new products and procedures implemented in the policy.
C2C Certification provides manufacturers with a means to measure achievement in environmentally intelligent design and helps customers purchase and specify products that are pursuing a broader definition of quality. Through C2C, product manufacturers implement the sustainable alternatives above and create products that are made with healthier materials and processes and can be turned into another useful product at the end of its life.

The authors of Cradle to Cradle suggest changing manufacturing processes to separate biological materials and technical/synthetic materials, because when separated, the waste can be disposed of properly: biological wastes are composted without contaminating the environment and technical/synthetic wastes are designed to be recycled and reused again by industry rather than in a landfill. If a candidate product achieves the necessary criteria, it is certified as a Silver, Gold or Platinum product or as a Technical/Biological Nutrient (available for homogeneous materials or less complex products), and can be labeled as Cradle to Cradle.

* For more information about this program it is explained at www.mbdc.com/certified.
INTENT: To support and encourage the design integration required by a LEED-NC green building project and to streamline the application and certification process.

REQUIREMENTS: At least one principal participant of the project team shall be a LEED Accredited Professional (AP).

Capabilities of a LEED AP:
- Manage the integration process
- Explain credit intents
- Know reference standards
- Identify credit synergies
- Verify that documentation meets LEED requirements
- Manage credit templates
- Explain life cycle cost benefits of a LEED project
- Serve as point person to USGBC

A LEED Accredited Professional is a critical player in the project team if the project hopes for LEED Certification. The project will more likely reach the certification goal because the LEED AP is trained and has passed a test in the LEED Rating System. When someone with training, experience, and guidance in the LEED Rating System is on the team it saves time, money and stress in the certification process. LEED accreditation is applicable to architects, contractors, engineers, and any building professionals interested in green building.

Prove you are the LEED AP on a project: 1. Provide name and company of LEED AP. 2. Provide brief description of AP’s role in project. 3. Provide copy of LEED AP’s certificate from the USGBC.