

LEED Green Associate

Activity #2 – Integrative Process (IP)

Before completing this Activity Read GA09 Integrative Process – Pgs. 9-11

Note the following abbreviations are used in this activity:

NC	LEED BD+C: New Construction and Major Renovation
CS	LEED BD+C: Core and Shell Development
S	LEED BD+C: Schools
R	LEED BD+C: Retail
DC	LEED BD+C: Data Centers
WDC	LEED BD+C: Warehouses and Distribution Centers
HOS	LEED BD+C: Hospitality
HC	LEED BD+C: Healthcare

Although the LEED BD+C reference guide does not number the LEED prerequisites and credits, for this exercise they have been numbered in the order presented in each credit category.

Integrative Process (IP)

Fill-In, Multiple Choice, Matching

1. Test your knowledge of how well you know the names of the prerequisites and credits for the Integrative Process credit category:

P / C	Name
P1	
C1	

2. Match the intent to the prerequisite or credit:

Prerequisite/Credit	ANS
IP – P1	
IP – C1	

	INTENT
A	To support high-performance, cost-effective project outcomes through an early analysis of the interrelationships among systems.
B	Maximize opportunities for integrated, cost-effective adoption of green design and construction strategies, emphasizing human health as a fundamental evaluative criterion for building design, construction and operational strategies. Utilize innovative approaches and techniques for green design and construction.

3. The Integrative Project Planning and Design prerequisite requires that all _____ projects use cross-discipline design and decision making, beginning in the _____ and _____ phase.
4. List the process that at a minimum the project team must ensure that they follow:
 - 1.
 - 2.
 - 3.
 - 4.

5. What must be incorporated into the Owner's Project Requirements?

6. What must the health mission statement address?

7. As early as practical and preferably before _____ design, conduct a preliminary LEED meeting with a minimum of _____ key project team members and the _____ or owner's representative.

8. List what the LEED action plan should include, at a minimum:
 - 1.
 - 2.
 - 3.

9. The integrative project team should include a minimum of _____ professionals in addition to the _____ or _____.

10. What is the goal of the design charrette?

11. Complete the following:

Abbreviation	Name
OPR	_____
BOD	_____

12. List the systems that projects must perform an analyses for the IP Credit Integrative Process:
 - 1.
 - 2.

13. List the preliminary analysis projects must complete before the completion of schematic sign:
 - 1.
 - 2.

14. In an integrative process the team members _____ to enhance the efficiency and effectiveness of every system.

15. What EPA tool can projects use to benchmark energy performance for the project's type, scope, occupancy, and location?

16. List the Energy-Related potential strategies that projects can access from the preliminary "simple-box" energy modeling analysis:
 - 1.
 - 2.
 - 3.
 - 4.
 - 5.
 - 6.

17. List the potential water supply sources and water demand volumes projects must assess and estimate:
 - 1.
 - 2.
 - 3.
 - 4.

18. List examples of process water demand:
 - 1.
 - 2.
 - 3.

19. List examples of nonpotable water supply sources:
 - 1.
 - 2.
 - 3.
 - 4.

20. List the systems that the preliminary water budget analysis can be used for by the project to demonstrate how the analysis informed the design of the project, as applicable:
 - 1.
 - 2.
 - 3.
 - 4.
 - 5.
 - 6.