

ASSIGNMENTS 1A, 1B & 1C

ASSIGNMENT 1A

Every professional designer needs to adapt to change...and in fact, embrace it. The most successful designers continue their education beyond earning a degree.

- The sustainability movement for the built environment is based on achieving a shift to clean, renewable energy, reducing the concentration of emissions into the atmosphere. While LEED certification has advanced sustainable building, its current point system is not climate or location specific, awarding the same points for projects in any region. Because buildings are a leading source of greenhouse gas emissions, and as climate change and current energy challenges alarm, professional applications of green building focus more on NetZero, Passive House, and Material Transparency. The State of California's building code requires that all new buildings be built to net-zero energy standards by 2020 (established by [California Energy Commission](#) and [California Public Utilities Commission](#)), and the [Architecture 2030 Challenge](#) aims to make all new buildings carbon neutral by the year 2030.
- **Research the below current and future initiatives aggressively addressing sustainability, offering practical theories and applications, and informing career choices. Write a 500-word essay defining and comparing these initiatives, thereby illustrating their future impact on the Interior Design profession, and how they impact your perception of the industry.**
 - [Leadership in Energy and Environmental Design \(LEED\)](#)
 - [Becoming a LEED Professional](#)
 - [NetZero Energy](#)
 - [NetZero Energy Policies](#)
 - [NetZero Energy Certification](#)
 - [Passive House](#),
 - [Passive House Certification](#)
 - [Becoming a Passive House Professional](#),
 - [Passive House Institute US+ Certification](#)
 - [Material Transparency](#)
 - [Declare \(The Nutrition Label for Products\)](#)
 - [Living Product Certification](#)
 - [Transparency & Material Health](#)
 - [Whole Building Life Cycle Assessment](#)
 - [Environmental Product Declaration](#)
 - [LEEDv4 - Materials & Resources \(MR\)](#)
 - [GreenCE Sustainable Design Education](#)
 - [Living Building Challenge](#)
 - [Energy Modeling](#)
 - [Predictive Analytics for Buildings](#)

ASSIGNMENT 1B

- **READ:** [INTERIOR DESIGN 2016/2017 OUTLOOK THE STATE OF THE INDUSTRY](#)



- **READ:** [The Economic Impact of Interior Design](#)
- **Review the “Changing Industry Lecture”, research “Alternative Career Paths”, and write a 500-word essay ABOUT YOU, describing your desired career path, considering the interdisciplinary options addressed. Include in the essay your qualities, talents and skills as appropriately applicable to this path. What will be your impact? Describe how you plan to positively influence the design industry and profession.**

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ASSIGNMENT 1C

Advances made in creative methods, the application of data, neuroscience and health, and building performance are demanding new interior design leadership. Designers who have mastered the skills to create functional and beautiful spaces are reshaping the interior landscape, from historic preservation and adaptive re-use to innovation in newly constructed spaces to meet the needs of changing working-and-living prototypes. Design entrepreneurs have moved the delivery of their services into cyberspace and are practicing their profession in a mobile, connected community.

- **Continuing your “Alternative Career Paths” research, write a 200-word essay defining the below career sub-categories and their current and future relevance to Interior Design/Interior Architecture:**
 - BIOPHILIC DESIGN
 - ENVIRONMENTAL DESIGN
 - DESIGN PSYCHOLOGY
 - EVIDENCE-BASED DESIGN
 - HUMAN-CENTERED DESIGN
 - ARCHITECTURE FOR HUMANITY
 - NEURO-DESIGN
 - POST-OCCUPANCY EVALUATION DESIGN