

LEAN YELLOW BELT CERTIFICATE ENHANCEMENT: PULL PLANNING TECHNIQUES

COURSE DESCRIPTION

Pull planning is a powerful way to get designers to make commitments and help schedule the design and construction work. Team members will start with a milestone and then work backward logically to determine all of the steps needed to complete the scope of work and all of the dependencies between the steps. These processes can break down communication barriers and build collaboration between team members, whether in the studio in the design/documents phase or on the construction site.

Prerequisite: This training is an enhancement to the Lean Yellow Belt Certificate Training Program.

PROGRAM OBJECTIVES

- ✓ **Understand the overall process of Pull Planning**
- ✓ **Know the difference between pull planning in design versus construction**
- ✓ **Learn the different time scales to pull plan a project from start to finish**

PROGRAM STRUCTURE

| MODULE | LEARNING OUTCOMES | HOURS |
|---|--|-------|
| Pull Planning Techniques | | |
| Pull Planning is an essential part of successful realization of design and construction goals and a critical Lean tool. Pulling information is a method of advancing work when the next-in-line partner is ready to use it. | <ul style="list-style-type: none">• Understand how to work backwards from the project deadline and create major milestones.• Learn how to use sticky notes to create flow in the schedule• Know how to hand-off of information and the information required from the previous key person on the schedule• Understand concepts like Last Responsible Moment, Milestone schedule, 6-week look ahead, weekly work plans and daily make ready plans.• Test the concepts with a real project from the studio. | 3 |

EVALUATION

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|------------------------------------|-----|
| Attendance | 60% |
| Participation in group discussions | 40% |

TOTAL 100%

PROGRAM DELIVERY

This course is delivered through an instructor-led session with group discussion, and audio/visual presentation.

PRICE

\$175 per student

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INSTRUCTOR



Shafraaz Kaba is an Intergrated Project Delivery (IPD) expert and architect who thrives on facilitating architecture that is ecologically aware. He is previously known for his work at Manasc Isaac Architects, where he focused on net-zero energy and carbon-emission reducing goals for buildings. Shafraaz now facilitates the creation of regenerative, net zero energy, and carbon neutral architecture using Lean culture and design thinking.

Over the last 20 years, he has made significant contributions to the design and cultural landscape of Edmonton, mainly through founding Media Architecture Design Edmonton (MADE). Shafraaz has been involved with Energy Efficiency Alberta and the Lean Construction Institute of Canada.