

LEAN GREEN BELT, CERTIFICATE

Please Note: This program is not transcribed by CSU Pueblo. This certificate will be issued and managed by the Engineering Department directly.

The Lean Green Belt Certificate Program is a 5-credit hour certificate program housed in the Department of Engineering. A lean company views itself as a part of an extended value chain, focusing on the elimination of waste between the company and its suppliers and the company and its customers. Lean is a management philosophy derived mostly from the Toyota Production System (TPS). Upon completion of this certificate, a student will have developed a deep understanding of the principles of lean manufacturing and will be able to apply these principles in manufacturing or service organizations.

Student Learning Outcomes

Students who successfully complete the Lean Green Belt Certificate Program are expected to have the ability to:

- Identify waste and propose ways to eliminate such waste; and
- Compute and apply measures related to lean processes.

Outcomes Assessment Activities

Within the department's existing assessment structures, the performance of Certificate students in the specific courses will be evaluated separately from other students.

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Specific Program Requirements

Students do not need to apply to the program. The certificate will be issued upon completion of the required courses as the required level.

Students will receive a Lean Green Belt Certificate after completing the following courses with required grades of B or better.

Undergraduate Student

Course	Title	Credits
EN 439	Time and Motion Studies	2
EN 477	Operations Planning and Control	3
Total Credits		5

Graduate Student

Course	Title	Credits
EN 539	Time and Motion Studies	2
EN 577	Operations Planning and Control	3
Total Credits		5