



# LEAN SIX SIGMA GREEN, TECHNICAL CERTIFICATE

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**Program Code:** 6363

**Career Pathway:** Science, Technology, Engineering, and Math

**Program Entrance Requirements:** HS Diploma or GED.

**Program Description:** The content includes but is not limited to, the concepts, theories, and tools of the Lean Manufacturing and Six Sigma as used in the manufacturing and services industries. The program covers the methods used in Lean and Six Sigma such as: continuous flow, overall equipment effectiveness (OEE), Kaizen, process mapping, the 5 S's, total productive maintenance (TPM), cellular manufacturing, the DMAIC, self-directed work teams, the Kanban system, design for manufacturing, and value stream mapping.

Course	Title	Credits
ETI1622	CONCEPTS OF LEAN AND SIX SIGMA	4.00
ETI2610C	PRINCIPLES OF SIX SIGMA	4.00
ETI2623C	TOOLS FOR LEAN MANUFACTURING	4.00
<b>Total Credits</b>		<b>12</b>

Students are strongly encouraged to meet with an advisor (<https://students.broward.edu/resources/advising/>) to create a personalized educational plan.