

# MANUFACTURING ENGINEERING - LEAN MANUFACTURING CONCENTRATION

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Department: Industrial and Manufacturing Engineering and Technology  
(<https://catalog.bradley.edu/undergraduate/engineering-technology/industrial-engineering/>)

The baccalaureate programs in industrial engineering and manufacturing engineering are accredited by the Engineering Accreditation Commission of ABET, <https://www.abet.org> (<https://www.abet.org>).

The Lean Manufacturing concentration of the Manufacturing Engineering major (<https://catalog.bradley.edu/undergraduate/programs/manufacturing-engineering-major/>) prepares students to meet the industry's increasing need for engineers who serve as facilitators for the lean movement toward excellence. In this concentration, students will develop skills to lead lean and Six Sigma teams to continuously improve processes, product design, and business acumen. Students will also develop skills targeted toward adding value, identifying problems, and eliminating waste, in order to enhance the market share with higher profitability.

Code	Title	Hours
<b>Concentration Core Courses</b>		
IME 385	Introduction to Logistics and Supply Chain	3.0
IME 412	Design and Analysis of Experiments	3.0
IME 466	Facilities Planning	3.0
IME 481	Lean Production Systems	3.0
<b>Approved Technical Elective</b>		
Select additional elective courses from the Approved Technical Elective Courses		9.0
<b>Total Hours</b>		<b>21</b>