



Certificate in Manufacturing & Logistics

Enrollment into this certificate is by departmental permission only.

In this 18-credit program, you will explore the exciting fields of modern manufacturing, warehousing, and distribution, and be introduced to the concepts of logistics and supply chain and their relationship to local and global economies.

You will learn the basic principles and practices of a safe and productive manufacturing environment, as well as the principles of planning, production, and product distribution. Elements to be covered include understanding the product life cycle from conception through distribution. Other topics include inventory control, protective packaging, and customer service. Students will learn various aspects of warehouse operations management, including bar coding, radio frequency identification (RFID), Kanban, just-in-time (JIT) manufacturing, inventory replenishments, and use of third-party logistics.

Learn the effective process planning that goes into product distribution and transportation, as well as management techniques including analysis of warehouse locations, operations, and management. Classroom instruction combines hands-on use and operation of logistic equipment — knowledge that is essential to success in the logistics field.

Graduation requirements

Semester 1

BMM 100	Introduction to Manufacturing	3
BMM 126	Introduction to Material and Logistics Management	3

Semester 2

BMM 125	Manufacturing Logistics	3
BMM 221	Warehouse and Distribution Center Management	3

Semester 3

BMM 225	Transportation Traffic and Contract Management	3
BMM 227	Lean Supply Chain and Logistics Management	3

Total credits: 18

Goodwin University is a nonprofit institution of higher education and is accredited by the New England Commission of Higher Education (NECHE), formerly known as the New England Association of Schools and Colleges (NEASC).