

Manufacturing Technology

Everett Community College prepared by
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Everett Community College offers an Associate in Technical Arts degree in Manufacturing Technology Management for individuals preparing or in manufacturing who desire to participate in operations management, logistics, machine shop management or support activities. The program studies the flow of materials through the manufacturing value added processes with emphasis on procedures charting, operations analysis, master scheduling, inventory management, detailed material and capacity planning, warehousing, shipping, and overall corporate or project management. The Just-In-Time and Lean productivity improvement concepts are intertwined in all courses. Two courses in the program are focused on use of the quality sciences contained in Total Quality Control and Statistical Process Control and contained in the ISO-9000 quality program. A machine shop option containing lecture and laboratory work in basic machining and operation of numerically controlled machines plus NC programming is available in late afternoon in conjunction with Sno-Isle Skills Center. The curriculum provides a broad base of knowledge giving students practice in communications skills, academic skills in English and Mathematics, computer usage in business environments and critical thinking plus team work and leadership in industrial settings. Students participating in this program report rapid progression into positions of higher job responsibility, personal satisfaction and financial reward.