

# BIOMEDICAL DEVICE MANUFACTURING, CERTIFICATE OF ACHIEVEMENT

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Biomedical Device Manufacturing Certificate provides skills for the manufacturing of medical devices including basic quality control, government regulations as well as applied skills such as machining and working in an ultra-clean environment. This certificate will prepare students to obtain employment in the field of medical device manufacturing. Students complete 13 specified units. This Certificate of Achievement is a joint program between Moorpark College and Ventura College. Once the required courses are completed, students can apply to obtain the Certificate of Achievement at either college. To submit an application for the Certificate of Achievement, see a counselor.

Course ID	Title	Units/ Hours
<b>Required Courses</b>		
Ventura College:		
MT V02	Applied Machining I	2
MT V05	CNC Machining I	2
MT V15	Manufacturing Processes	3
Moorpark College:		
BIOT M02A/ BIOL M12A	Environmental Control and Process Support	2
BIOT M02B/ BIOL M12B	Manufacturing: Quality Control and Validation	2
BIOT M02E/ BIOL M12E	Business & Government Regulation	2
<b>Total Units</b>		<b>13</b>

Upon successful completion of this program, students will be able to:

- Explain application of quality control, validation, clean room technology, machining and manufacturing processes used in the medical device manufacturing industry.
- Successfully demonstrate theoretical and practical Biotechnology applications during a comprehensive lab practical.