

# BIOMEDICAL DEVICE MANUFACTURING, CERTIFICATE OF ACHIEVEMENT

- successfully demonstrate theoretical and practical Biotechnology applications during a comprehensive lab practical.

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

Year 1		
Fall Semester		Units/Hours
BIOT M02A	Environmental Control and Process Support	2
MT V02	Applied Machining I	2
MT V05	CNC Machining I	2
	<b>Units/Hours</b>	<b>6</b>
Spring Semester		
BIOT M02B	Manufacturing: Quality Control and Validation	2
BIOT M02E	Business & Government Regulation	2
MT V15	Manufacturing Processes	3
	<b>Units/Hours</b>	<b>7</b>
	<b>Total Units/Hours</b>	<b>13</b>

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

- have the background in biotechnology, quality control, validation, and machining to pursue a career in the medical device manufacturing industry.