ARCHITECTURAL AND ENGINEERING TECHNOLOGY - MECHANICAL
Certificate, 20 Credit Hours, 9-Month Program

The Architectural and Engineering Technology program at WDTC equips students with the skills and knowledge necessary to produce accurate technical drawings using industry standard design software.

Graduates of this certificate receive training in only the technical mechanical courses. It is designed for students who already have a related degree but wish to specialize in mechanical design.

Course	No.	Course Title	Credits
AE	101	DRAFTING FUNDAMENTALS	3
AE	139	2D CAD	3
AE	142	MECHANICAL 3D CAD	3
AE	232	MECHANICAL PRINCIPLES	3
AE	234	MECHANICAL PRINT READING	2
AE	244	3D ENGINEERING DESIGN	3
AE	247	COMPUTER AUTOMATED MANUFACTURING	3
		Total	**20**

Some courses are offered only in certain semesters.
See Program Director for enrollment approval.

Semester Breakdown Certificate

First Semester		CR	Second Semester		CR
AE 101	Drafting Fundamentals	3	AE 232	Mechanical Principles	3
AE 139	2D CAD	3	AE 234	Mechanical Print Reading	2
AE 142	Mechanical 3D CAD	3	AE 244	3D Engineering Design	3
			AE 247	Computer Automated Manufacturing	3
	Total Credit Hours	**9**		**Total Credit Hours**	**11**

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