



METROPOLITAN STATE UNIVERSITY OF DENVER

ADVANCED COMPOSITE MATERIALS AND MANUFACTURING CERTIFICATE

Are you a precision machinist who wants to increase your wire EDM knowledge and skills? Transfer 6 RRCC credits towards this 15-credit certificate!

The certificate in Advanced Composite Materials and Manufacturing at MSU Denver is designed to prepare students with hands-on training and knowledge necessary to meet increasing demand in the design, manufacture and repair of components constructed with advanced composite materials, such as carbon and aramid fibers. The program will provide students with theoretical and practical knowledge in material identification, design, composite safety, manufacturing techniques, inspection, and repairs. The certificate in Advanced Composite Materials and Manufacturing is comprised of a minimum of 15 credit hours. *MSU Denver Catalog, Oct. 12, 2016.*

Learn more: msudenver.edu/eaet



ADVANCED COMPOSITE MATERIALS & MANUFACTURING CERTIFICATE REQUIRED COURSES 15 CREDITS

Students must earn 60% of required courses at MSU Denver. A maximum of 6 credits (2 courses) will transfer from RRCC. In addition, CHE 111, a prerequisite to MET 2200, will transfer.

MSU COURSE	CREDITS	RRCC COURSE NO. & TITLE, "C" grade or better
MET 1010 Manufacturing Processes	3	Any one of the following: MAC 110 Intro. to Engine Lathe MAC 120 Intro. to Milling Machine (Additional courses approved for transfer with a "C" grade or better: MAC 101 Intro. to Machine Shop, MTE 101 Intro. to Manufacturing, and MTE 120 Manufacturing Processes)
MET 1310 Principles of Quality Assurance	3	Any one of the following: MAC 250 Advanced Inspection Techniques MAC 266 Advanced Inspection Techniques II MAC 267 Metrology Maintenance
MET 2200 Materials of Engineering *CHE 111 General College Chemistry I is a prerequisite to MET 2200	3	*Consider taking CHE 111 General College Chemistry I at RRCC as a prerequisite to MET 2200 (Additional courses approved for transfer with a "C" grade or better: EGT 201 Engineering Materials and MAC 252 Practical Metallurgy)
MET 3215 Composite Manufacturing	3	
MET 4370 Advanced Composite Structures: Design, Damage, Repair and Testing	3	



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**For more information about this certificate, contact MSU Denver Advising
msudenver.edu/eaet/advising or 303-556-2503**