



Curriculum Evaluation

Composite Materials Technology

Certificate of Program Completion (Catalog Year: 2025, Required Hours: 750, Credits: 25)

Core (Required Hours: 570, Credits: 19)

<i>Composite Materials Technology (Required Hours: 570, Credits: 19)</i>		Credits	Hours	Modules	Prerequisite Course Number(s)
COMP 1015	Composite Basics	2.00	60.00	5	
COMP 1055	Mold Preparation and Tooling	1.00	30.00	3	
MATH 1000	Math I	2.00	60.00	4	
COMP 1155	Non-Vacuum and Vacuum Bag Fabrication	2.00	60.00	4	
COMP 1211	Prepreg Material Laminations	2.00	60.00	3	
COMP 1401	Introduction to Core Materials	1.00	30.00	2	
COMP 1612	Part Finish	2.00	60.00	3	
COMP 1330	Composite Repair	1.00	30.00	3	
WWSK 1400	Workplace Success	2.00	60.00	3	
WWSK 1500	Job Seeking Skills	1.00	30.00	6	
COMP 2510	Composite Materials Technology Final Project	3.00	90.00	4	

Electives (Required Hours: 180, Credits: 6)

<i>Composite Materials Technology (Required Hours: 180, Credits: 6)</i>		Credits	Hours	Modules	Prerequisite Course Number(s)
AEID 1023	Introduction to Blueprint Reading and CAD for Composites	2.00	60.00	9	
COMP 1020	Lean Manufacturing	1.00	30.00	4	
COMP 1711	Practical Blueprint Applications	1.00	30.00	1	
COMP 1551	Advanced Composite Repair	1.00	30.00	3	
COMP 1810	Composite Machining	1.00	30.00	5	
COMP 2012	Alternative Composite Processes	1.00	30.00	2	
COMP 2115	Composite Tube Making	1.00	30.00	3	
COMP 2210	Autoclave Processing	1.00	30.00	2	
COMP 2220	Introduction to Composite Engineering	2.00	60.00	1	
COMP 2321	Pattern and Mold Construction	2.00	60.00	5	
COMP 2300	Carbon Fiber Part Skinning	1.00	30.00	2	
BTEC 1030	Operating Systems and Email Applications	1.00	30.00	7	
BTEC 1031	Word Processing Fundamentals	1.00	30.00	7	

Additional Electives (Required Hours: 0)

<i>Composite Materials Technology (Required Hours: 0)</i>		Credits	Hours	Modules	Prerequisite Course Number(s)
COMP 0005	Composite Materials Technology Orientation	-	1.00	1	