

STATE BOARD OF COMMUNITY COLLEGES
Combined Course Library - Continuing Education
New Course Approvals, Modifications, and Tier Designations

The State Board is requested to approve the following courses for placement or modification in the Combined Course Library (CCL).

Request for New Course 1 of 1

Requesting College or Agency: System Office / Guilford Technical Community College

Course ID	Course Title	Recommended Hours	Program Area	Tier Designation
MEC-3016	Composite Adhesive Bonding	25	V20	3

Description: This course is designed to provide students, the capability of producing advanced composite parts specifically tailored towards the adhesive bonding process. Areas of training include safety precautions associated with adhesive bonding, adhesive bonding processes, adhesive types, adhesive systems, common inspection techniques, surface processing methods, adhesive preparation, installation, and removal of click bonds, and inspection of parts.

Rationale:

- Current aviation manufacturing, structures assembly, and repair courses do not adequately support developing these competencies common in the aviation sector and in-demand by local industry. The course will address this gap, improve student competitiveness in the labor market, and better support industry employer partners' needs.
- Composite manufacturing has evolved into a diverse industry. It can be found in the marine, aerospace, automotive, sports equipment, construction, alternative energy, medical devices, and many other industries, creating an expanding wealth of opportunity for talented practitioners.

Credentialing Information: Credentialing Information: American Composites Manufacturers Association: Certified Composites Technician-Vacuum Infusion Process

Contact(s):

Karen Tikkanen
 Director, Training & Standards, Workforce Continuing Education

Nate Humphrey
 Associate Vice President , Workforce & Continuing Education Programs