



Career Technical Education

Bilateral Credit Agreement FY2025
Precision Machining & Manufacturing – A-Tech

FOR OFFICE USE ONLY
LID: \_\_\_\_\_
Approved Credits: \_\_\_\_\_

STUDENT: Complete the "STUDENT" portion of this agreement.

- 1. Apply to Lakeland Community College as a CTE student. Once your transcript is received you will receive an email with Lakeland ID (LID) and instructions on how to get to your myLakeland account. (Keep this for future use!) Enrolled CCP students do not have to reapply to Lakeland.
2. Ensure that the Lakeland Community College's Admissions Office has a copy of your final, official high school transcript by June 10th. This transcript MUST be sent directly from your high school to transcripts@lakelandcc.edu.
3. Take a picture or make a copy of this agreement for your records and forward it to your high school CTE instructor by June 1.
4. Questions? Visit: https://lakelandcc.edu/web/about/career-technical-education or Email: Lucy Ott at CTE@lakelandcc.edu

NOTE: It is the student's responsibility to ensure that all required documents are on file at Lakeland. Bilateral agreements must be submitted directly by the school to the Tech Prep/CTE Office. Agreements turned in by the student will NOT be accepted.

PRINT

Form with fields: Last Name, First Name, Home High School, High School Graduation Year, If received, Lakeland ID # (LID), Preferred E-mail Address for Notifications (print clearly), Student Cell, I would like my Career Technical Credit Transfer (CTAG) credit and Bilateral Agreement credit posted at Lakeland CC. Yes \_\_\_ No \_\_\_ (answering YES will allow your college credit earned in high school to be posted to a college transcript.), Student Signature, Date.

INSTRUCTOR: Students must earn at least a 2.75 GPA in the CTE program to be eligible for credit. (NOTE: Credits will be verified by official HS transcript.)

Table with 4 columns: This credit is processed for students who attend Lakeland., Lakeland Course # w/catalog link, Lakeland Course Title, Credit Hours. Rows include CIMN 1110, CIMN 1420, CIMN 1430, CIMN 1450, CIMN 1460, ENGR 1000.

Instructor's Signature: \_\_\_\_\_ Instructor's Printed Name: \_\_\_\_\_
Date: \_\_\_\_\_ Instructor's Email: \_\_\_\_\_

\*Instructor should submit this completed form to the CTE Director/Career Center Coordinator by June 10th.

CTE OFFICE VERIFICATION:

Table with 3 columns: Office Use, R, Checklist. Checklist items include: Bilateral Agreement was submitted by CTE Instructor (this form), Completed HS CTE Program, Official HS transcript was submitted to Lakeland Community College, Earned 2.75 GPA or higher in CTE Program, Applied to Lakeland (during HS graduation year) or is a CCP student w/LID.

Credits Approved: \_\_\_\_\_ Credit Denied: \_\_\_\_\_ Reason for Denial: \_\_\_\_\_
Tech Prep/CTE Official Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**OTHER PROGRAM INFORMATION:**

CTAG credit is processed by the school where the student is attending. This credit is earned from Web Exams and is pulled from the statewide CTAV system. Only students attending Lakeland Community College will use Lakeland to process this credit.

| <b>CTAG/ODE Courses Taught</b>                         | <b>Passed</b> | <b>Lakeland Course Match</b> |
|--|---------------|------------------------------|
| 176004 Machine Tools                                   |               |                              |
| 176005 Machining with Industrial Lathes                |               |                              |
| 176006 Machining with Industrial Milling Machines      |               |                              |
| 176007 CNC Technology with Industrial Mills and Lathes |               |                              |

| <b>Industry Recognized Credentials - <a href="#">LINK</a></b>          | <b>Points</b> |
|--|---------------|
| AutoCAD Professional   |               |
| Certified Solid Works  |               |
| AutoCAD User   |               |
| NIMS Machining Level 1 Certification                                   |               |
| Autodesk Inventor Certified User                                       |               |
| Certified Solid Works Associate  |               |
| Occupational Safety and Health Administration 10 Hour General Industry |               |

**Notes:**

|   |
|---|
| Manufacturing CTE Curriculum - ODE <a href="#">LINK</a>                           |
| Course Description: all Courses in the Manufacturing Pathway <a href="#">LINK</a> |
| ITIS 1005 is a TAG, cannot be on Bilateral Agreement                              |
|   |

**Special Notes:**

-Students who successfully complete a CTE Program and meet the requirements listed in Column R 1-5 on page 1 will receive college credit listed in the INSTRUCTOR section of the Bilateral Credit Agreement. For specific programming options, please visit [www.lakelandcc.edu](http://www.lakelandcc.edu) and click on Academics / Degrees & Certificates.

-CTAG credit is awarded based on a student's performance on WebXam/End-of-Course Assessments that are offered through the CTE Program. Bilateral credit cannot be awarded if there is CTAG credit available through the WebXam/End-of-Course Assessment. The school where student is attending will process the CTAG credit.

-College courses are being reviewed and updated on a regular basis. Visit: <https://catalog.lakelandcc.edu/> for the most updated version of the Lakeland Course Catalog. Credit is only guaranteed if the course is listed in the Course Catalog, the student attends Lakeland and remains on the same career path.

-Note that accumulation of bilateral credit may impact federal financial aid. Check with your college or university for more information.

-Are you transferring credits to another college or university? Once you see your credit/s posted to your Lakeland transcript in your myLakeland account, you can access the "Request for Transfer" form through the [Parchment Lakeland Community College \(OH\) Transcript Request](#). Your transcript will be sent to its destination upon payment of the transfer fee and submission of the form.

**Please note that each college or university makes an independent decision as to whether they will accept credit(s). Acceptance of credit is ONLY guaranteed if you attend Lakeland.**

## SUGGESTED SEQUENCE

Career Technical Education Program: **Precision Machining & Manufacturing – A-Tech**  
Lakeland Community College: **Computer Integrated Manufacturing**

| Course Subject Title   | Credit Hours | Type of Credit – AP, CCP, CTE Bilateral, CTAG |
|--|--------------|---|
| <b>Degrees</b> <ul style="list-style-type: none"><li>○ <a href="#">General Manufacturing Major</a></li><li>○ <a href="#">Maintenance And Repair Concentration</a></li></ul>  |              |   |
| <b>Certificates</b> <ul style="list-style-type: none"><li>○ <a href="#">CNC Operator Mini Certificate</a></li><li>○ <a href="#">CNC Set-Up And Programming Technology</a></li><li>○ <a href="#">Computer Integrated Manufacturing Technology</a></li><li>○ <a href="#">Industrial Computer Hardware Technician</a></li><li>○ <a href="#">Production Shift Leader Manufacturing Management</a></li><li>○ <a href="#">Tool And Die Technology</a></li><li>○ <a href="#">Tool Room Maintenance Machinist Apprentice</a></li></ul> |              |   |
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## LAKELAND COMMUNITY COLLEGE CAREER TECHNICAL EDUCATION AGREEMENT APPROVAL FORM

**\*\*OFFICIAL SIGNATURES ARE ON FILE IN THE CTE OFFICE AT LAKELAND COMMUNITY COLLEGE.**

**Precision Machining & Manufacturing – A-Tech**

\_\_\_\_\_  
Instructor – Ron Maurer

Date \_\_\_\_\_

\_\_\_\_\_  
Other Representative (if applicable)

Date \_\_\_\_\_

**Lakeland Community College**

\_\_\_\_\_  
Lucy Ott, CTE/Tech Prep Coordinator

Date \_\_\_\_\_

\_\_\_\_\_  
Ryan Hamilton, Dean of Engineering, ITCS and Construction

Date \_\_\_\_\_

\_\_\_\_\_  
Debbie Lozano, Mechanical Engineering Technology Department Chair

Date \_\_\_\_\_

\_\_\_\_\_  
Erin Shufro, Associate Provost of Faculty Engagement and Dean of Faculty

Date \_\_\_\_\_

\_\_\_\_\_  
Laura C. Barnard, J.D.  
Executive Vice President and Provost

Date \_\_\_\_\_

After signing this document, please forward it to Lucy Ott, CTE/Tech Prep Coordinator – A-1040b, [lott1@lakelandcc.edu](mailto:lott1@lakelandcc.edu).