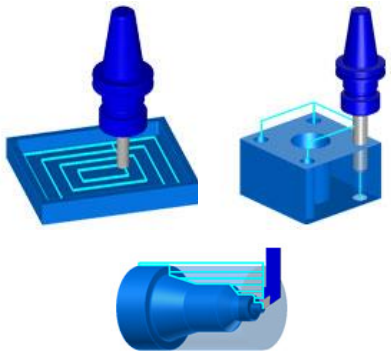
Surfcam Training Classes

Applied CIM Technologies Incorporated

2-Axis (2 days)

Day 1: Learn the fundamentals of SURFCAM, including Graphical User Interface (GUI) features. Create and edit lines, arcs/circles, fillets, chamfers, text and dimensions.

Day 2: Learn toolpath creation features pertaining to 2 ½ -axis machining such as pocketing, contouring, drilling, engraving, face, groove and chamfer milling, and Advanced Roughing. File management, toolpath verification, and setup sheet creation will also be introduced.



2-Axis Turning (1 day)

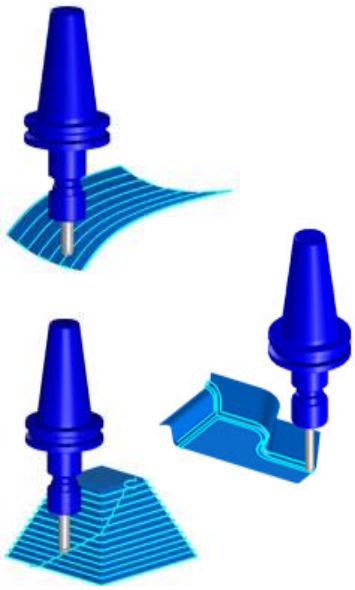
Create turning profile using lines and polylines. From roughing to final finish, create gouge free-paths that include turning, grooving and threading. SURFCAM Verify and cycles such as turn, face, face off, groove, thread, drill and part off are covered.

Advanced 2-Axis Machining (1 day)

Intended for the experienced 2-axis SURFCAM user, topics may include using layers and masking, 4-axis positioning, creating views, Advanced Operations Manager topics, post processor customizing, and other 2-axis machining tips and tricks.

3-Axis Machining (3 days)

Day 1: Focus on 3-axis simultaneous machining. Create and edit splines, cross sectional surfaces, drive curve surfaces, blend surfaces, trim plane surfaces, offset surfaces, surface fillets, revolved and extruded surfaces.



Day 2: Focus on surface toolpath generation. Learn the fundamentals of machining single and multiple surfaces: cut, z-rough, project, planar, Z-finish 3D contour and offset. Learn the more challenging 3D toolpath creation concepts and design principles: Steep/Shallow machining, Rest Machining, Adaptive Step down and other high-speed machining functions. Boundary and flow curves, surface project and cutter intersect splines are explained in detail.

Day 3: Create advanced splines & surfaces, file import/export, creating views, machining with boundary curves, Steep/Shallow, 3-axis project, and other machining tips & tricks. The new Multi-Cut options with 6-cut strategies, enhanced Leads and Links, multi-surface gouge protection and undercuts will be covered. STL model machining along with the new Machine Simulation option will be reviewed.

Advanced 3-Axis Machining (1 day)

This one-day class is intended for the experienced 3-axis SURFCAM user. Topics covered will include but not limited to the following. Creating advanced splines & surfaces, file import/export, creating views, machining with boundary curves, steep/shallow, 3-axis project, and other 3-axis machining tips & tricks. Students are encouraged to bring in parts for review.

Custom Web Based Training (Per Two Hour Session)

This custom two-hour web-based training is operator training per requested subject.

To register, contact Applied CIM Technologies at:
cadcam@appcim.com or call 763-476-4268
See next page for schedule and registration form.

Applied CIM Technologies,
14000 25th Ave N, Suite 100, Minneapolis, MN 55447
Tel: 763-476-4268 **Email**: cadcam@appcim.com

Authorized Hexagon reseller of: SURFCAM

SURFCAM TRAINING REGISTRATION FORM

TRAINING REGISTRATION FORM

Contact Person:		
Company Name:		
Company Address:		
City:	State:	ZIP Code:
Telephone:	Fax:	
Email:		

Information requested: ❑ Hotel information ❑ Directions

Attendee Name	Email Address	Course Name	Course Dates

PAYMENT

- Regularly scheduled SURFCAM training classes are $400 per day per student.
- Custom training is available upon request at a rate of $920 per day + expenses (if applicable).
- SURFCAM custom web-based training is $180 per two hour session.

❑ **Invoice** – P.O. # _____ ❑ **Check**, payable to Applied CIM Technologies, Inc. ❑ **Credit Card**, Please call 763-476-4268.

TRAINING CLASS LOCATIONS

Applied CIM Technologies, Inc.	Productivity, Inc. - Nebraska	Productivity, Inc. - Iowa
14000 25th Ave N, STE 100	8402 117th St., Suite 100	9440 Atlantic Drive SW
Minneapolis, MN 55447	La Vista (Omaha), NE 68128	Cedar Rapids, IA 52404

CLASS SCHEDULE

Classes are from 8:30 AM to 4:30 PM. Morning break, lunch and refreshments provided. (Excludes web training)

2-Axis (2 days)	2-Axis Turning (1 day)	3-Axis Machining (3 days)	Web Training (2-hours)
January 9-10, 2024 February 6-7, 2024 March 5-6, 2024 April 8-9, 2024 May 7-8, 2024 June 4-5, 2024	January 11, 2024 February 8, 2024 March 7, 2024 April 10, 2024 May 9, 2024 June 6, 2024	January 23-25, 2024 February 27-29, 2004 March 19-21, 2024 April 23-25, 2024 May 21-23, 2024 June 25-27, 2024	Upon request
Advanced 2-Axis (1 day)	**Advanced 3-Axis (1 day)**	**4-Axis Milling (1 day)**	**Custom Training**
Upon request	Upon request	Upon request	Upon request

TERMS & CONDITIONS

1. Please call to check availability on all courses before registering.
2. We reserve the right to reschedule classes if a minimum of attendees is not met. You will be given a minimum of 48-hours' notice.
3. All reservations will be billed prior to the beginning of the course.
4. If you are registered but unable to attend a class, please let us know as soon as possible. If you give us less than 24 hours' notice, we reserve the right to charge for all or part of the missed class.
5. I have read the Terms and Conditions and understand them.

Signature *Date*

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14000 25th Ave N, Suite 100, Minneapolis, MN 55447
Tel: 763-476-4268 **Email**: cadcam@appcim.com

Authorized Hexagon reseller of: SURFCAM