2019
Customer Training Schedule

See page 17 for the signup sheet.

TECHNICAL MANUALS ON ELECTRONIC MEDIA

Manuals for most Fives Giddings & Lewis machines can be provided on CD-ROM in printable Adobe® Acrobat® PDF format. Consult the Training & Documentation Department for the availability of the desired operator, programming, electrical maintenance, or mechanical maintenance (less layout drawings) manuals. Cost is $500.00 per set of manuals on CD for each machine. Additional CD copies are $50.00 each.

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FOND DU LAC TRAINING COURSE POLICY & FEE SCHEDULE

TRAINING AT FOND DU LAC:

One training credit allows a person to attend a Training Course at the Fond du Lac factory training facility. The customer has from the date the order was placed until one year after shipment to use the credits. All travel and living expenses are the responsibility of the customer. Contact the Training Department to check on the status of the remaining credits.

Fives Giddings & Lewis reserves the right to modify or cancel a course if there is insufficient enrollment. In the event a course is changed, enrollees will be given first priority in a rescheduled course. Fives Giddings & Lewis is not responsible for additional customer's transportation charges due to cancellation.

ON-SITE TRAINING AT THE CUSTOMER'S FACILITY

1. STANDARD TRAINING COURSES

   All the regularly published training courses can be conducted in the customer's facility. Dates will be scheduled based on instructor availability.

2. LEGACY & SPECIAL TRAINING

   Legacy training courses to suit a customer's needs can be conducted either in Fond du Lac or at the customer's facility. The following courses are subject to Instructor availability:

   Giddings & Lewis NumeriPath 800 & 8000
   Fanuc 15B, 15i, 16i & 160i

   Special training courses can be established to suit a customer's needs and conducted either in Fond du Lac or at the customer's facility.

3. ON-SITE OPERATOR TRAINING

   Most machine sales include at least 32 hours of on-site operator training. This training is done right on the machine and will cover the operation of the control, basic daily maintenance checks operators should be doing, tool changer and pallet changer interruption recovery procedures, etc. Additional on-site operator training can be purchased.

4. COST OF TRAINING

   On-site training (held at the customer's facility within the United States) costs are as follows:

   4-½ Day course $9800
   3-½ Day course $8500
   3 Day course $8000
   Travel and lodging expenses of the instructor are included.
   All prices are based on a maximum of six students per class; the cost for each additional student is $400.
   Each student receives a manual to keep.
   Prices for In-House and On-Site classes are subject to change without prior notification.
   Each training credit can be used towards customer on-site training at the rate of $450 per credit.
   Additional seats in our Fond du Lac based training classes cost:
   $2100 each seat for a 4 ½ day class.
   $1400 each seat for a 3 day class.

Cost for Foreign On-Site training will be quoted upon request.

Contact the Five Giddings & Lewis Training Department for more information on our in-house and on-site training offerings.

LIFETIME TRAINING POLICY

Some customers have “Lifetime Training” included with their machine purchase that allows for free attendance in our regularly scheduled training classes for their machine at our Fond du Lac facility. Also available with some machines is Warranty Period free training.

Most machine sales include three training credits that customers can use to enroll students in our Programming, Electrical and Mechanical training classes. A scheduled class will not be held if only Lifetime Training attendees enroll for a class.

Customers that have Lifetime Training included with their machine purchase have the following restrictions when scheduling classes:

1. Lifetime Training customers may sign up for any of our regularly scheduled classes.
2. Classes are only held if “credit” customers are enrolled in a class. If only Lifetime Training customers are enrolled, the class is subject to cancelation.
3. You will be informed if a class is subject to cancelation at the time a Lifetime Training reservation is made.
4. Lifetime Training attendees must bring their own manuals to the training classes. No additional manuals will be given to Lifetime Training attendees.
5. If a customer did not order paper copies of the maintenance and programming manuals with the machine, a manual WILL be provided for the first class a Lifetime Training customer attends. Subsequent enrollees will not receive a manual. They are required to bring that free manual.
6. If training credits are purchased along with Lifetime Training on a particular machine, the training credits must be used first. Training credits expire one year after the machine ships.
7. Class sizes are limited to six students. No lifetime attendees are allowed once a class is full.
8. If a particular machine series is discontinued, Lifetime Training for that machine series expires. Only customers whose machine is a current product line can enroll in classes using Lifetime Training.
9. If a machine is moved by the original owner to a different plant owned by the same company, Lifetime Training moves with that machine.
10. If a machine with Lifetime Training is sold to a different company, Lifetime Training for that machine is canceled. Lifetime Training does not transfer to a second owner.

2019 TRAINING SCHOOL SCHEDULE

2019 Training Schedule (Fond du Lac, WI)														
	Title	Course Length (Days)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Programming	**Fanuc**													
	Fanuc 30i / 31i (Turning)	4 1/2			4-8				8-12				4-8	
	Fanuc 30i / 31i (Milling)	4 1/2	14-18				13-17				16-20			
	Fanuc 30i / 31i (Advanced)	3	Available upon request											
	Siemens													
	Siemens 840D (Turning)	4 1/2			25-29					5-9		21-25		
	Siemens 840D (Milling)	4 1/2	28-1					10-14				7-11		
Maintenance	**Electrical**													
	Fanuc 30i / 31i (All Machines)	4 1/2	21-25			15-19				12-16				2-6
	Siemens 840D (All Machines)	4 1/2			11-15			17-21			16-20			9-13
	*** All Mechanincal classes are now 3 1/2 days. Customers can travel on Monday. Classes start Tuesday morning.***													
	Mechanical													
	HBM PT/RT/MC/FT (480, 481, 482, 485)	3 1/2		5-8				25-28				8-11		
	HBM FTR (484, 486 Series)	3 1/2			19-22						10-13			
	HMC 1250 / 1600 (568 Series)	3 1/2		19-22						20-23				
	VTC 1250-3500 (523-526 Series)	3 1/2	8-11				7-10				24-27			
	Combined Mechanical & Electrical													
	Fanuc 30i / 31i (All Machines)	4 1/2	Available upon request											
	Siemens 840D (All Machines)	4 1/2	Available upon request											

4 1/2 Day Classes

Monday - Thursday: 8:00 A.M. - 4:00 P.M. Friday: 8:00 A.M. - 12:00 P.M.

Mechanical classes are now 3 ½ days - Tuesday – Thursday 8:00 am to 4:00 pm Friday 8:00 am – 12:00 pm.

3 Day Classes

Tuesday - Thursday: 8:00 A.M. - 4:00 P.M.

ON-SITE PROBE TRAINING SCHOOL

Probe training classes are to be conducted at the customer facility on your machine(s). Care and maintenance of the probe hardware, programming of the probe and probing results processing is covered. Consult the factory to schedule a class.

Probe Training	Course length (days)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
All Controls	3 ½	Consult the Factory to Schedule											

COURSE OUTLINES

All outlines shown are for typical schools and can be altered to suit customer requirements.

Programming - Fanuc Series 0i, 30i / 31i Controls

Course Length: 4 ½ days

Target Audience: Machine Operators & Part Programmers

Course Description: This course will introduce the programming techniques required to efficiently utilize the features and capabilities of Fives Giddings & Lewis machine tools equipped with Fanuc controls.

Day 1 - Monday

1. GENERAL INTRODUCTION
   a. Instructor / student introduction
   b. Class introduction
2. PRODUCT AWARENESS
   a. Safety
   b. Machine descriptions
   c. Cover individual machine specifications
3. CONTROL DESCRIPTION
   a. Explain general control information
   b. Explain the operator CRT display pages
   c. Explain buttons on the operator station
   d. Explain & demonstrate transfer / edit of programs

Day 2 - Tuesday

4. GIDDINGS & LEWIS CUSTOM SCREENS
   a. Explain custom screens
5. COORDINATE SYSTEMS
   a. Explain Cartesian / polar coordinate systems
6. PROGRAM CODES
   a. Programming data
   b. Letter address codes
   c. Preparatory codes (G codes)
   d. Miscellaneous codes (M codes)
   e. Canned cycles

Day 3 - Wednesday

7. DISCUSS BASIC APPLICATIONS
   a. References
   b. Tool selection / tool changer operation
   c. Tool compensation
   d. Rotary axes
8. PROGRAMMING EXAMPLES
9. SPECIAL FUNCTIONS
   a. Variables
   b. Mathematics
   c. Decision making/branching
   d. Printing
   e. Subprograms & macros

Day 4 - Thursday

10. PROGRAMMING EXAMPLES
11. OPTIONS
    a. Tool management
    b. Spindle load monitor
    c. Probing
       i. Part probing
       ii. Tool probing

Day 5 - Friday

12. PROGRAMMING EXAMPLES
13. CLASS WRAP-UP

Advanced Programming - Fanuc Series 0i, 30i / 31i Control

Course Length: 3 days

Target Audience: Advanced Machine Operators & Part Programmers

Course Description: This course will introduce the experienced programmer to the unique features and capabilities available on Fives Giddings & Lewis machine tools equipped with Fanuc controls. This course deals with Custom Macro B programming. Class content may vary depending upon the needs of the class, but may include any or all of the following topics.

Prerequisite: Attended Fanuc Program training or have a working knowledge in G-Code programming.

Day 1 - Tuesday

1. GENERAL INTRODUCTION
   a. Instructor / student introduction
   b. Class introduction

CNC SYSTEM REVIEW

   a. The CNC function
   b. The PMC function
   c. The Machine function

2. CNC OPERATION
   a. Mode selection
   b. Macro program protection
      i. Checking parameters
      ii. Setting parameter write enable
   c. Start a new program
   d. Inserting, altering & deleting program lines
   e. Program directory list

3. MACRO VARIABLES
   a. Referencing commands with macro
      i. Limitations of macro commands
      ii. Specifying a system variable by name
      iii. Using the SETVN function to set a common variable
   b. Local, common & system variables
   c. Storing values into variables
   d. Referencing a variable with another variable

Day 2 - Wednesday

4. MACRO ARITHMETIC INSTRUCTIONS
   a. Simple arithmetic functions
   b. Mathematics equations
   c. Trigonometric functions
   d. Scientific functions
5. DECISIONS & LOOPS
   a. IF statement
   b. IF/WHEN statement
   c. If/THEN statement
   d. Complex conditional expressions
   e. WHILE/DO statement
6. MACRO / SUBPROGRAM CALLS
   a. M98 Subprogram call
   b. G65 simple call
   c. G66 & G66.1 modal call
   d. Macro and subprogram calls using G & M codes

Day 3 - Thursday

7. EXTERNAL OUTPUT / INPUT COMMANDS
   a. External output commands
      i. DPRNT
      ii. POPEN
      iii. PCLOS
8. PARAMETERS OF INTEREST
9. MACRO PROGRAMMING EXAMPLES

Programming - Siemens 840D Control

Course Length: 4 ½ days

Target Audience: Machine Operators & Part Programmers

Course Description: This course will introduce the programming techniques required to efficiently utilize the features and capabilities of Fives Giddings & Lewis machine tools equipped with Siemens controls.

Day 1 - Monday

1. GENERAL INTRODUCTION
   a. Instructor / student introduction
   b. Class introduction
2. PRODUCT AWARENESS
   a. Safety
   b. Machine descriptions
3. CONTROL DESCRIPTION
4. MACHINE ZERO POSITIONS
5. FOUR AXIS CONTROL (if applicable)
6. CHUCKING (if applicable)
7. LIVE SPINDLE OPTION (if applicable)
8. ROTARY TABLE (if applicable)
9. POLAR COORDINATE & PERIPHERAL SURFACE TRANSFORMATIONS (if applicable)
10. PALLET CONTROL (if applicable)

Day 2 - Tuesday

1. CONTROL PANEL LAYOUT
2. MACHINE OPERATOR DEVICES
3. OPERATING PROCEDURES
4. PART PROGRAM OPERATIONS
5. BLOCK SEARCH
6. TOOL OFFSETS
7. TOOL MANAGEMENT
8. TOOL CHANGER

Day 3 - Wednesday

1. REFERENCE OFFSETS
2. PROGRAM DATA
3. PROGRAMMING CODES

Day 4 - Thursday

1. SPECIAL PROGRAMMING FUNCTIONS
2. PROGRAMMING EXAMPLES
3. HAND HELD UNIT
4. CAMERA SETUP
5. COOLANT
6. CHIP CONVEYOR

Day 5 - Friday

1. PROBING
2. PROBING OPERATIONS
3. ATTACHMENTS (if applicable)

Electrical Maintenance - Fanuc 0i, 30i & 31i Control

Course Length: 4 ½ days

Target Audience: Electrical Maintenance Personnel

Course Description: This course gives an overview of the material in the electrical manual and the machine electrical prints. Material is covered in a progressive manner. A primary goal of the class is to familiarize each student with the documentation provided with the machine. This will enable the student to use the documentation effectively for troubleshooting control or machine problems.

Prerequisites: Electronics or electrical maintenance background and good working knowledge of CNC equipment.

Day 1 - Monday

1. GENERAL INTRODUCTION
   a. Welcome and class introduction
   b. Electrical service manual overview
2. MACHINE & CONTROL DESCRIPTIONS
   a. Work order review
   b. Machine description
   c. Block diagram of control
3. SOFTWARE ORGANIZATION
   a. Saving SRAM
   b. Loading part programs
   c. Backup battery information
   d. NC parameters
   e. PMC D word organization

Day 2 - Tuesday

4. CONTROL & MACHINE OPERATIONS
   a. The position page
   b. Control operations modes
   c. Manual data input
   d. System security & passwords
   e. Referencing the axes
   f. Referencing tooling
5. EXPLANATION OF THE PRINTS
   a. How to read prints
   b. Use of table of contents
   c. Grounding and power requirements
   d. Page by page review of the prints

Day 3 - Wednesday

6. EXPLANATION OF THE PRINTS
   a. Page by page review of the prints
   b. Coolant & chiller systems
   c. Probing systems
7. SERVO SYSTEM
   a. Block diagram of servo system
   b. Troubleshooting encoder feedback
   c. Spindle and axis drives

Day 4 - Thursday

8. SETUP INFORMATION
   a. Machine reference setup procedures
   b. Software end limit information
   c. Communications
   d. Probing information
9. TOOL CHANGER & PALLET CHANGING
   a. Hardware descriptions
   b. Setups & maintenance procedures

Day 5 - Friday

10. COMPENSATION INFORMATION
    a. Pitch compensation
    b. Backlash compensation
    c. Thermal compensation
11. TWENTY QUESTION POST TEST
12. CLASS WRAP-UP

Electrical Maintenance - Siemens 840D Control

Course Length: 4 ½ days

Target Audience: Electrical Maintenance Personnel

Course Description: This course gives an overview of the material in the electrical manual and the machine electrical prints. Material is covered in a progressive manner. A primary goal of the class is to familiarize each student with the documentation provided with the machine. This will enable the student to use the documentation effectively for troubleshooting control or machine problems.

Prerequisites: Electronics or electrical maintenance background and good working knowledge of CNC equipment.

Day 1 - Monday

1. GENERAL INTRODUCTION
   a. Welcome and class introduction
   b. Electrical service manual overview
   c. 840D control system block diagram
2. DIAGNOSTICS DESCRIPTION
   a. Types of diagnostics
   b. CNC diagnostics
   c. Troubleshooting with the diagnostics
3. SOFTWARE ORGANIZATION
   a. System software loading
   b. Loading part programs
   c. Backup battery information

Day 2 - Tuesday

4. CONTROL & MACHINE OPERATIONS
   a. The active data page
   b. Control operations modes
   c. Manual data input
   d. System security & passwords
   e. Referencing the axes
5. EXPLANATION OF THE PRINTS
   a. How to read prints
   b. Use of table of contents
   c. Grounding and power requirements
   d. Page by page review of the prints

Day 3 - Wednesday

6. EXPLANATION OF THE PRINTS (cont.)
7. SERVO SYSTEM
   a. Block diagram of servo system
   b. Troubleshooting the feedback system
   c. Theory and operation of axis drives
   d. Theory and operation of spindle drive
   e. Using the servo trace function

Day 4 - Thursday

8. SETUP INFORMATION
   a. Overview safety integrated
   b. Clearing safety integrated messages
   c. Machine reference setup
   d. Software end limit information
   e. Communications
   f. Probing Information
9. TOOL CHANGER & PALLET CHANGING
   a. Hardware descriptions
   b. Setups & maintenance procedures

Day 5 - Friday

10. COMPENSATION INFORMATION
    a. Interpolary compensation
    b. Backlash compensation
    c. Thermal compensation
11. TWENTY QUESTION POST TEST
12. CLASS WRAP-UP

Mechanical Maintenance

Course Length: 3 ½ days (Classes start Tuesday at 8:00 am and finish by 12:00 pm Friday)

Target Audience: Mechanical Maintenance Personnel

Course Description: This course provides an overview of the material in the mechanical maintenance manual. A primary goal of the class is to familiarize each student with the documentation provided with the machines. This will enable the student to use the documentation effectively for troubleshooting, ordering the proper part(s) when needed and for doing machine repair.

Prerequisites: Basic understanding of how to read mechanical drawings and hydraulic schematics.

Day 1 - Monday

1. GENERAL INTRODUCTION
   a. Instructor / student introduction
   b. Class introduction
2. PRODUCT AWARENESS
   a. Safety
   b. Machine descriptions
   c. Cover individual work orders
3. MAJOR MACHINE AXIS
   a. Major components
   b. Common components
   c. Maintenance procedures
   d. Review prints

Day 2 - Tuesday

4. HEADSTOCK
   a. Description of headstocks
   b. Components
   c. Maintenance procedures
   d. Review prints
5. SERVICE SYSTEMS
   a. Maintenance note plates
   b. Hydraulics
   c. Pneumatics
   d. Lubrication
   e. Coolant system

Day 3 - Wednesday

6. TABLE
   a. Description
   b. Components
   c. Maintenance procedures
   d. Review prints
7. PALLET CHANGER
   a. Description
   b. Components
   c. Maintenance procedures
   d. Review prints

Day 4 - Thursday

8. TOOL CHANGER
   a. Description
   b. Components
   c. Maintenance procedures
9. SCALES
   a. Description
   b. Components
   c. Assembly procedures
   d. Maintenance

Day 5 - Friday

10. INSTALLATION
11. ALIGNMENTS

Combined Mechanical & Electrical Maintenance

Course Length: 4 ½ days

Target Audience: Maintenance personnel that perform both mechanical and electrical duties.

Course Description: This course gives an overview of the material in both the Mechanical and Electrical manuals and the Mechanical and Electrical prints. Material is covered in a progressive manner. A primary goal of the class is to familiarize each student with the documentation provided with the machine. This will enable the student to use the documentation effectively for troubleshooting control or machine problems.

Prerequisites: A CNC machine tool maintenance background and good working knowledge of CNC equipment, hydraulic and pneumatic systems.

Day 1 - Monday

1. GENERAL INTRODUCTION
   a. Welcome and class introduction
   b. Documentation overview
2. MACHINE & CONTROL DESCRIPTIONS
   a. Work order review
   b. Machine description
3. CONTROL ORGANIZATION
   a. Viewing the control screens
   b. Backing up the system software
   c. Loading part programs

Day 2 - Tuesday

4. EXPLANATION OF THE PRINTS
   a. How to read the mechanical prints
   b. How to read the electrical prints
   c. Machine note plates
   d. Page by page review of the prints
   e. Vendor documentation

Day 3 - Wednesday

5. SERVICE SYSTEMS
   a. Hydraulics
   b. Lubrication systems
   c. Coolant system & chip conveyors
   d. Oil & glycol chiller systems
   e. Probing systems
   f. Pitch & backlash compensation
   g. Thermal compensation system

Day 4 - Thursday

6. SERVO SYSTEM & FEEDBACKS
   a. Block diagram of servo system
   b. Spindle and axis drives
   c. Encoder feedbacks
7. SETUP PROCEDURES
   a. Machine reference setup procedures
   b. Software end limit information
   c. Tool changer information & setups
   d. Pallet changer information & setups

Day 5 - Friday

8. MACHINE ALIGNMENTS
   a. Alignments to check
   b. Machine adjustments
   c. Post collision recommendations
9. TWENTY QUESTION POST TEST
10. CLASS WRAP-UP

Probing

Control: Fanuc with Renishaw Cycles

Siemens with Siemens Probe Cycles

Course Length: 3 ½ Days (Class starts Tuesday at 8:00 am and finishes by 12:00 pm Friday.)

Target Audience: Machine Operators & Part Programmers

Course Description: This course will show students how to set-up, operate, calibrate, and measure using the part probe on your machine. The training is control specific. The outline is the same for both the Fanuc and Siemens controls.

Day 1 - Tuesday

1. GENERAL INTRODUCTION
    a. Instructor / student introduction
2. PROBE INTRODUCTION
    a. Stylus installation
    b. Batteries installation
    c. Reviewing the current probe settings
    d. Changing the probe settings / partnering the probe and RMI unit
    e. Cleanliness
3. INDICATING THE PROBE STYLUS
4. PROBE OFFSETS
5. PROBE CONFIGURATION BITS
6. PROBE FUNCTIONS
7. PROBE M-CODES
8. PROBE PROTECTION

Day 2 - Wednesday

9. PROBE CALIBRATION
    a. Offsets
    b. Procedure
    c. Input variables
    d. Program example
10. MEASURING CYCLES
    a. Input variables
    b. Surface condition alarms
    c. Program examples
11. PROBE OUTPUT VARIABLES
    a. Output variables capabilities
12. PROBING DIAGNOSTICS
13. CALIBRATE THE PROBE ON THE MACHINE

Day 3 - Thursday

14. PROBE MEASURING EXAMPLE IN THE WORKBOOK
15. PROBE A SURFACE ON THE MACHINE
16. PROBE AN INSIDE DIAMETER ON THE MACHINE
17. PROBE AN OUTSIDE DIAMETER ON THE MACHINE
18. VIEW CUSTOMERS EXAMPLE PART
19. PROGRAM CUSTOMERS EXAMPLE PART

Day 4 - Friday

20. PROBE CUSTOMERS EXAMPLE PART
21. QUESTIONS

ENROLLMENT INFORMATION

1. Class size is limited to maximize the benefit to our students. It is advisable to enroll early as registration is accepted on a first come, first serve basis. Contact the Training Administrator at the Fives Giddings & Lewis, LLC Fond du Lac Training & Documentation Department. Phone: (920) 906-2438.
   Have available the Model, Serial Number and type of Control for your machine(s).

2. An enrollment form (see page 17) should be completed and returned to:

   Training & Documentation Department
   Attn: Training Administrator
   Fives Giddings & Lewis, LLC
   142 Doty Street, P.O. Box 590
   Fond du Lac, WI 54936-0590
   Email: **fivesmsi-train@fivesgroup.com**
   Fax:(920) 906-2066

3. A Training Acknowledgement email will be sent to the customer when an enrollment is received. The email will include attachments detailing class time, location, and a map of Fond du Lac.

4. Fives Giddings & Lewis has negotiated corporate rates with several local hotels. You will receive a list of these hotels with your Training Acknowledgement email. Inform the hotel at the time you make your reservation that you are attending Fives Training. Please present your confirmation letter at check-in to obtain the preferred rate.

5. Programming & Electrical Classes are conducted from 8:00 A.M. to 4:00 P.M. Monday through Thursday and 8:00 A.M. to Noon on Friday.

6. Mechanical classes start Tuesday 8:00 am and finish by noon on Friday. Return reservations should be made for mid-afternoon flights on Friday. Classes with duration of 3 days will start on Tuesday**.**

CANCELLATIONS

Fives Giddings & Lewis reserves the right to modify the schedule and cancel schools. In the event a school is canceled, enrollees will be given first priority in the next regularly scheduled school. Customers who have prepaid will be given the option of a refund or accrual for the next class.

TUITION POLICY

If training was included in the purchase price of your machine(s), the customer has from the date the order was placed until one year after shipment to use the course credits and receive training at no charge. If course credits were not part of the machine transaction or not used during the specified time period, the training cost for current products and controls is $2100 per student in a 4-1/2 day course and $1400 per student in a 3 day course.

PAYMENT OF FEES

If a tuition fee is applicable, a purchase order, credit card information, or a check must accompany the enrollment form. Invoices for course fees will be submitted the week of the training session. If you prefer to pay in advance, checks should be made payable to Fives Giddings & Lewis, LLC and sent directly to the Training & Documentation Department in Fond du Lac, WI.

No one is allowed to attend a class unless payment is made prior the class.

OTHER EXPENSES

Fees include tuition and course materials. The customer is responsible for expenses such as travel, lodging, food, cabs, car rentals, and any incidental expenses.

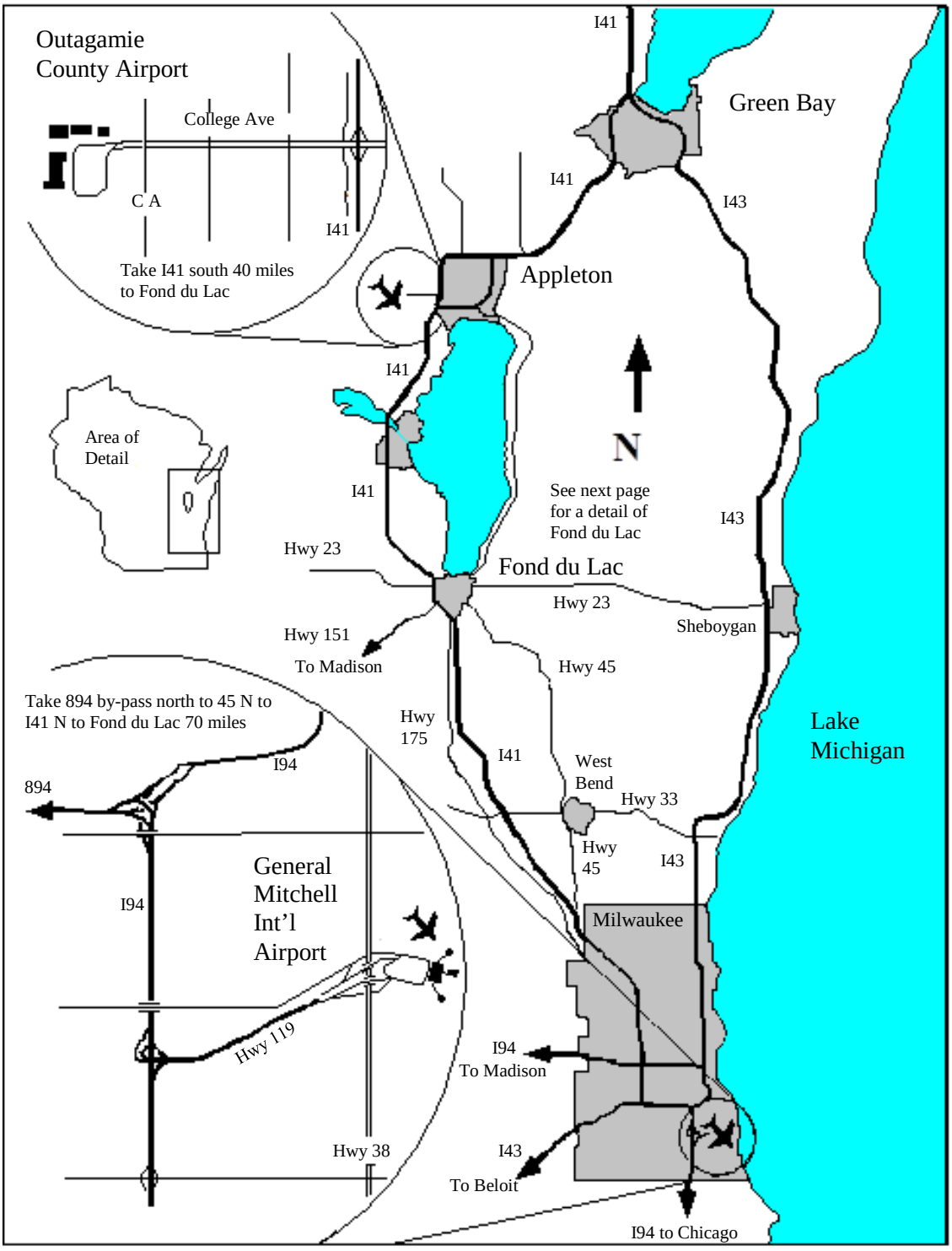
CLOTHING REQUIREMENTS

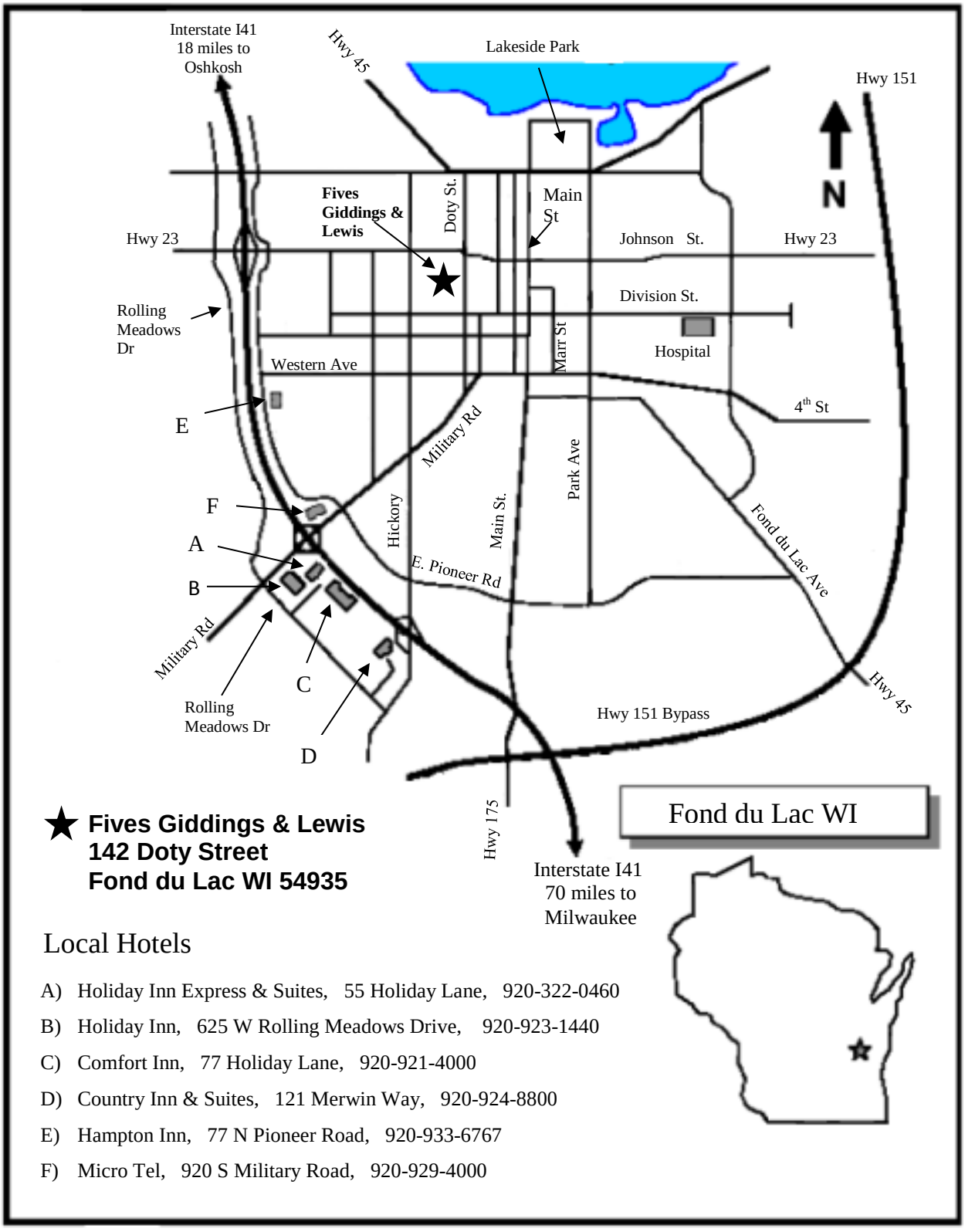
A portion of the student's time will be spent on the manufacturing floor. Attire while in school is casual but the **students must wear safety toe shoes in the manufacturing areas**. Tennis shoes and other soft-soled shoes are not allowed. Slip-on steel toes are available. Students should bring their own safety glasses, or Fives Giddings & Lewis will issue plastic glasses for temporary use.

FOR MORE INFORMATION CONTACT:

Training & Documentation Department
Attn: Training Administrator
Fives Giddings & Lewis, LLC
142 Doty Street, P.O. Box 590
Fond du Lac, WI 54936-0590
Phone: (920) 906-2437
Email: **fivesmsi-train@fivesgoup.com**
Fax: (920) 906-2066

MAPS


Outagamie
County Airport
College Ave
C A
I41
Take I41 south 40 miles
to Fond du Lac
I41
Green Bay
I41
I43
Appleton
I41
Area of
Detail
N
See next page
for a detail of
Fond du Lac
I41
I43
Hwy 23
Fond du Lac
Hwy 23
Sheboygan
Hwy 151
To Madison
Hwy 45
Take 894 by-pass north to 45 N to
I41 N to Fond du Lac 70 miles
Hwy
175
I41
West
Bend
Hwy 33
I94
894
Hwy
45
I43
General
Mitchell
Int'l
Airport
I94
Milwaukee
Hwy 119
I94
To Madison
Hwy 38
I43
To Beloit
I94 to Chicago
Lake
Michigan



★ **Fives Giddings & Lewis**
142 Doty Street
Fond du Lac WI 54935

Local Hotels

A) Holiday Inn Express & Suites, 55 Holiday Lane, 920-322-0460

B) Holiday Inn, 625 W Rolling Meadows Drive, 920-923-1440

C) Comfort Inn, 77 Holiday Lane, 920-921-4000

D) Country Inn & Suites, 121 Merwin Way, 920-924-8800

E) Hampton Inn, 77 N Pioneer Road, 920-933-6767

F) Micro Tel, 920 S Military Road, 920-929-4000

FIVES GIDDINGS & LEWIS ENROLLMENT FORM

PLEASE PRINT ALL ENTRIES AND RETURN TO: TRAINING ADMINISTRATOR

fivesmsi-train@fivesgroup.com

PHONE: (920) 906-2438

FAX: (920) 906-2066

TYPE OF SCHOOL (CHECK ONLY ONE)

___ELECTRICAL ___MECHANICAL ___PROGRAMMING

COURSE TITLE _____

STARTING DATE _____

MACHINE SERIAL NUMBER **(Must be included)** _____

STUDENT NAMES _____

TITLE _____

DEPARTMENT NAME _____

COMPANY _____

ADDRESS _____

CITY & STATE _____ ZIP CODE _____

CONTACT NAME _____

TITLE _____

DEPARTMENT NAME _____

E-MAIL ADDRESS _____

PHONE NUMBER_____ FAX _____

Fives Giddings & Lewis, LLC

142 Doty Street, P.O. Box 590

Fond du Lac, WI 54936-0590