



## What students and training managers are saying about Okuma's NEW Institute for Manufacturing Productivity:

"It was a better class environment than the factory in 1993, when I attended an Okuma class, and a good variety of machines in the lab to work on!!" Harley-Davidson Electrical Maintenance Technician.

"Instructors are committed to helping students see problems before a breakdown." "Excellent at explaining things an individual didn't understand." "Instructors are very knowledgeable on the subject."

"Very good class, both classroom and hands-on." "A++ well done." "Helpful and concerned if we understood." "The books we received were filled with information we can put to use."

"Very knowledgeable, provided extra information on the Auto-tow tailstock."

**Comments on the most valuable part of the training are:** "Learning to use the diagnostics, parameters, software, schematic symbols, and MacMan." "Understanding the OSP Control." "Alignment techniques and troubleshooting." "Construction of machine, schematics, and alarm explanations." "Setting the hydrostatic ways." "Ball-screws." "Procedures changing encoders." "The hands-on in the shop area." "Use of the simulator to demonstrate topics covered." "The knowledge for me and my company" "All of it was valuable".

More details can be found on our web site, <http://IMP.OKUMA.COM>

\*\*\*\*\*

Okuma's new advanced technical training facility aligns training programs to give you bottom-line results. Okuma not only supplies the world's most productive metal-cutting machinery and systems, but also provides the training to develop the most valuable asset – your people.

Okuma's portfolio of training courses enables you to meet your strategic business objectives, improve performance, deliver quantifiable results, and accelerate change. The Institute for Manufacturing Productivity is a key component of **THE NEW OKUMA**. It is our job to help our customers succeed. We are your strategic partner that recognizes the need to develop employee skills as a competitive advantage. Training is no longer a cost, but an investment for increasing productivity – your bottom-line.

Okuma courses are specifically designed to teach service engineers, operators, technicians, engineers, supervisors, and managers the skills to:

1. Reduce cycle times,
2. Perform preventive maintenance activities required to keep the machine running in top condition,
3. Diagnose down-time events and generate solutions quickly to keep production throughput at maximum levels,
4. Perform repairs that can prevent expensive downtime,
5. Efficiently communicate problems and discuss solutions with your authorized Okuma distributor – minimizing downtime and service costs.

All Okuma Instructors at the Institute for Manufacturing Productivity have extensive manufacturing and field service experience on Okuma Machinery.



## Productivity Improvement Training Course Descriptions

### Mechanical Maintenance Training Classes:

MA-101 Mechanical Maintenance for CNC Lathes	\$1,000
MA-102 Spindle Rebuild for Lathes	\$1,000
MA-103 Mechanical Maintenance for <b>LB 1000 Series Lathes</b>	\$1,000
MA-121 Mechanical Maintenance MacTurn <b>250/350 Model</b>	\$1,000
MA-122 Mechanical Maintenance MacTurn <b>250/350 Model UPPER Turret Only</b>	\$1,000
MA-123 Mechanical Maintenance Alignments MacTurn	\$1,000
MA-127 Mechanical Maintenance <b>Multus Advance Training</b>	\$1,000
MA-201 Mechanical Maintenance for Vertical Machining Centers	\$1,000
MA-202 Mechanical Maintenance for MB, MF, MU Vertical Machining Centers	\$1,000
MA-301 Mechanical Maintenance for Horizontal Machining Centers	\$1,000
MA-303 Mechanical Maintenance for MA - 100 Series Horizontal Machining Centers	\$1,000
MA-401 Mechanical Maintenance for Grinders	\$1,000
MK-101 Mechanical Maintenance Vertical Turning Lathes	\$1,000
MK-201 Mechanical Maintenance Millac Vertical Machining Center	\$1,000
MK-301 Mechanical Maintenance MillacV/H 800/1000	\$1,000

### Electrical Maintenance Training Classes:

EL-501 Electrical Maintenance for CNC Lathes and Machining Center with the OSP 5000/5020 Control	\$1,000
EL-701 Electrical Maintenance for CNC Lathes and Machining Center with the OSP 7000 Control	\$1,000
EL-801 Electrical Maintenance for CNC Lathes and Machining Center with the OSP 100U Control	\$1,000
EL-821 Electrical Maintenance for CNC Lathes and Machining Center with the OSP E100 Control	\$1,000
<b>EL-901</b> Electrical Maintenance for CNC Lathes and Machining Center with the <b>OSP-P100/P100II Control</b>	\$1,000
<b>EL-902</b> Electrical Maintenance for CNC Lathes and Machining Center with the <b>OSP-P200 Control</b>	\$1,000
<b>EL-901/EL-902</b> Electrical Maintenance for CNC Lathes and Machining Center with the <b>OSP-P100/P100II/P200 Controls</b>	\$1,000

### CNC Programming Training Classes:

CNC-501 Programming and Operation of Lathes	\$1,000
CNC-502 Fundamentals of Programming and Operation of 4 Axis Lathes; 3 day class	\$ 650
CNC-503 Fundamentals of Programming and Operation of Basic "M" Function; 2 day class	\$ 650
CNC-507 Basic One Touch IGF Lathe Programming; 3 day class	\$ 650
CNC-601 Programming and Operation of Vertical Machining Centers	\$1,000
CNC-602 Programming and Operation of Horizontal Machining Centers	\$1,000
CNC-603 Programming and Operation of IMAP for Machining Centers	\$1,000
CNC-701 Fundamentals of Programming and Operation of Grinders; 4 day class	\$1,000
CNC-801 MacTurn Operator Training; 4 day class	\$1,200
CNC-802 MacTurn Setup Technician Training; 4 day class	\$1,200
CNC-803 MacTurn Programmer Training; 4 day class	\$1,400
CNC-804 ADMAC Parts Turning V2.11; 4 day class	\$1,500
CNC-805 ADMAC Parts Turning V2.11; 3 day class	\$1,000
CNC-806 3D Virtual Monitor Collision Avoidance System; 2 day class	\$ 750

## Productivity Training Classes

Customer's Schedule for January 2011 – June 2011

ELECTRICAL COURSE NUMBER	COURSE DATES	COMMENTS	MECHANICAL COURSE NUMBER	COURSE DATES	COMMENTS	PROGRAMMING COURSE NUMBER	COURSE DATES	COMMENTS
EL 501	March 7-11, 2011		MA 101	Jan 10-Jan 14, 2011		CNC 801	Jan 10 - 14, 2011	
EL 501	June 27-July 1, 2011		MA 101	Jan 31 – Feb 4, 2011		CNC 802	Feb 7 - 11, 2011	
EL 701	May 16-20, 2011		MA 101	Apr 25-29, 2011		CNC 803	Feb 28 – Mar 4, 2011	
EL 801	April 18-22, 2011		MA 101	Jun 6-10, 2011		CNC 501	Mar 21 - 25, 2011	
EL 821	Feb 14-18, 2011		MA 101	Jun 27-July 1, 2011		CNC 601	Apr 18 - 22, 2011	
EL 821	March 21-25, 2011		MA 102	Feb 21-25, 2011		CNC 601	May 23 – 27, 2011	
EL 901	Jan 24-28, 2011		MA 123	Mar 14-18, 2011		CNC 801	June 13 – 17, 2011	
EL 902	April 4-8, 2011		MA 127	Apr 4- 8, 2011				
EL 902	May 2-6, 2011		MA 202	May 16 - 20, 2011				
EL 902	June 13-17, 2011							
EL 901 / 902	Jan 10-14, 2011							
EL 901 / 902	May 30-June 3, 2011							

**The Okuma Training Schedule is subject to change without notice.**



### Online Courses:

ASM 100	Okuma Maintenance Skills Assessment	\$ 9.95
OR 501	Okuma LBEX Series	\$19.95
OR 601	Okuma MB-V Series	\$19.95
OR 701	Okuma MA-H Series	\$19.95
OR 801	Okuma Multus Series	\$19.95
OR 1000	Okuma Product Orientation Online	\$99.00

For more detailed information please see our web site <http://www.yorktech.edu/IMP/courses.asp> or join us on Facebook at Okuma Technology Institute at York Technical College.



**REGISTRATION FORM FOR OKUMA TRAINING COURSES**  
 Please read the instructions prior to completing this registration form.

**COMPANY INFORMATION:**

<b>Company Name:</b>		
<b>Street Address:</b>		
<b>City:</b>	<b>State:</b>	<b>Zip Code:</b>
<b>Web Address:</b>		
<b>Training Manager's Name:</b>		<b>Telephone:</b>

**TRAINEE INFORMATION:**

<b>(1) Last Name:</b>		
<b>(2) First Name:</b>		<b>(3) Middle Initial:</b>
<b>* (4) Social Security Number:</b>		<b>* (5) Race:</b>
<b>* (6) Sex (Male/Female):</b>	<b>* (7) Date of Birth:</b>	
<b>(8) Street Address:</b>		
<b>(9) City:</b>	<b>(10) State:</b>	<b>(11) Zip Code:</b>
<b>(12) Day Phone:</b>		<b>(13) Evening Phone:</b>
<b>(13a) e-mail:</b>		

**COURSE INFORMATION:**

Please include course number and date, i.e. **EL-801-May 6-10, 2002**

<b>(14) Electrical Courses:</b>
<b>(15) Mechanical Courses:</b>
<b>(16) Programming Courses:</b>
<b>(17) Please enter the total number of courses selected:</b>
<b>(18) Multiply the number of courses selected by \$1,000 and enter the amount here: \$ _____</b>

**MACHINERY INFORMATION:**

Please check all that apply:	
<b>OSP Control Type</b> _____ :	<b>Machine Model Type:</b>
<input type="checkbox"/> 5000/5020 <input type="checkbox"/> THINC (P200)	<input type="checkbox"/> Lathe 2-axis
<input type="checkbox"/> 7000	<input type="checkbox"/> Lathe 4-axis
<input type="checkbox"/> U10/100	<input type="checkbox"/> Vertical Machine Center
<input type="checkbox"/> E100	<input type="checkbox"/> Horizontal Machine Center
<input type="checkbox"/> THINC (P100/P100II)	<input type="checkbox"/> Grinder



**PAYMENT INFORMATION:**

**(19) Method of Payment:**

Please select on to the following options:

- Check via U.S. Mail;  Credit Card via Phone;  
 Credit Card (Please complete Question 20);  Bill Company (Please complete Question 24);

**(20) Credit Card Information:**

- Visa  Master Card  Discover Card  American Express

<b>(21) Card Number:</b>	<b>(22) Expiration Date:</b>
<b>(23) Name on Card:</b>	

**(24) If your company is to be billed for courses you select, please furnish the following information:**

<b>(24a) Name of Company:</b>
<b>(24b) Company Address:</b>
<b>(24c) Purchase Order Number:</b>

**OR**

**Company Letter of Intent:** On company letterhead, state name, address and social security number(s) of the employee(s) registering for course(s), name of each course, a request to bill the company for tuition cost and an authorizing signature.

Please mail Purchase Orders to William W. Beaver, P.E. Institute for Manufacturing Productivity, York Technical College, 452 South Anderson Road, Rock Hill, South Carolina 29730

<b>Comments:</b>
------------------

\* This information is required for EEOC reporting.

Tel: (803) 981-7000  
 Fax: (803) 981-7296  
[VPickett@YorkTech.com](mailto:VPickett@YorkTech.com)