



# Seminar facts

**Seminar facts**  
 Seminar duration: Daily from 8.30 a.m. - 4.00 p.m.  
 Seminar location: ENGEL Technology Center  
 United States, York/Pennsylvania;  
 ENGEL Technology Center,  
 Corona, California;

**Registration suggestions**  
 - Online-booking at [www.engelglobal.com/training](http://www.engelglobal.com/training)  
 - Fax using the form provided on this page  
 - Telephone: +1 (717) 764-6818 ext. 4303 or 4295

We request that P.O. numbers be provided at the time of registration. Please register early (at the latest 2 weeks before the start of the seminar) because the number of participants is limited. You will receive our confirmation of participation, along with course information no later than one week prior to the course date.

**We take care of you**  
 If hotel accommodation is required for any of our courses, we can send you a selection of moderately priced hotels located a short driving distance from the course location (York or Corona).

We can also send directions to the seminar of your choice with the course confirmation shortly before the course date.

- What we offer**
- > Training by qualified trainers
  - > Seminar documentation
  - > CD-ROM ENGEL e-trainer (with seminar EOB EC 200/CC 200)
  - > CD-ROM ENGEL operator basics (with seminar EOB CC 100)
  - > Lunch and all drinks at break times
  - > Confirmation of participation

- For your calculation**
- > **Standard Seminar:** Please see calendar for prices
  - > **Special Seminar:** Each seminar day (plus travel expenses of Trainer): \$1000.00
  - > **CD-ROMs:**  
 ENGEL e-trainer: \$90.00  
 ENGEL operator basics: \$90.00
- Amounts payable upon receipt of invoice.  
 Sales tax will be added where applicable.

**Please note**  
 If your attendance is not possible, for any reason, we will cancel your registration up to two weeks before the start of Training free of charge. If you cancel within two weeks before the start of Training, we will have to invoice you 50% of the course cost and within a week before the start of Training we will have to invoice you 100% of the seminar cost. Of course, you are free to nominate another course participant in your place, in which case no service charge will apply. We reserve the right to postpone or cancel individual seminars or to plan extra course dates. Therefore, claims for compensation cannot be accepted.

## Registration

To: ENGEL Technology Center, US

Fax: **+1 (717) 767-6229**

.....  
 Seminar

.....  
 Date

.....  
 Name of participant

.....  
 Company name

.....  
 Department

.....  
 Address

.....  
 Telephone / Fax

.....  
 E-Mail

.....  
 Date and signature

# Training Centers

**ENGEL Technology Center United States**  
 3740 Board Road  
 York/Pennsylvania  
 17406, USA

Mr. Mike Dewar, ENGEL Technology Center York  
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 e-mail: [mike.dewar@engelglobal.com](mailto:mike.dewar@engelglobal.com)

**ENGEL Technology Center United States**  
 2012 Cecilia Circle. Corona, California 92881

**Organization, Registration:**  
 Ms. Michele Rodriguez  
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 e-mail: [training@engelglobal.com](mailto:training@engelglobal.com)

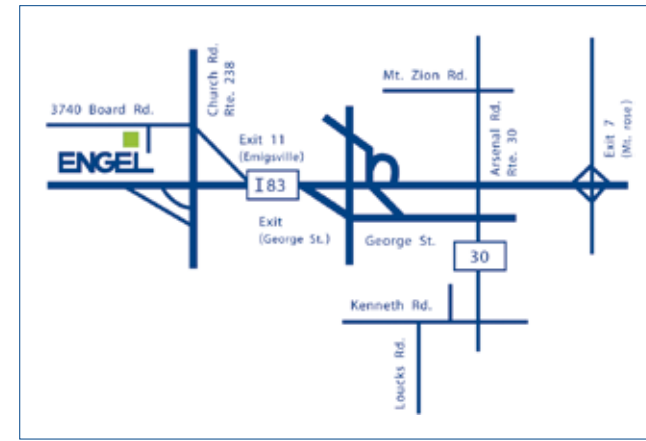
The ENGEL Technology Center in York/Pennsylvania and the ENGEL Technology Center in Corona/California offer modern multimedia based presentation equipment in air-conditioned seminar rooms.  
 This complements our state of the art Training machines and robots, located immediately next to the seminar room, which allow for extensive hands-on Training opportunities.



ENGEL Training Center Corona



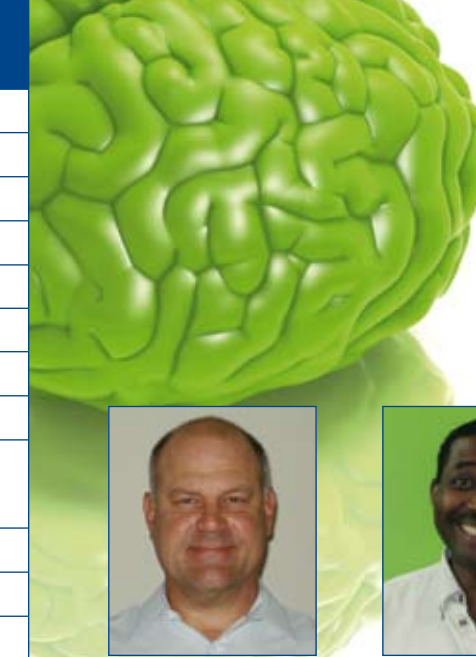
ENGEL Technology Center York



## Seminars North America 2010



Seminar	Fee U.S.\$	Control generation	January	February	March	April	May	June	July	August	September	October	November	December	
Operation	ENGEL operator basics (EOB) Basic knowledge for the operation of ENGEL injection moulding machines	100	26.-27.	C 09.-10. 09.-10. EX				C 08.-09.	13.-14.	17.-18.		05.-06. C 12.-13.			
		200	12.-13.	23.-24. EM	C 16.-17. EX C 22.-23. EM	20.-21.	04.-05. EM	C 22.-23.	13.-14. EM 27.-28. EX		19.-20.		19.-20. C 26.-27. 07.-08. C 14.-15.	02.-03. EM C 09.-10. EX	
	ENGEL operator advanced (EOA) Operation of ENGEL injection moulding machines for advanced students	725.--	100	28.-29.	C 11.-12. 11.-12. EX				C 10.-11.		19.-20.				
		825.--	200	14.-15.		C 18.-19.	22.-23.	06.-07. EM	C 24.-25.	C 15.-16. EM 29.-30. EX / 15.-16.			21.-22. C 28.-29.	04.-05. EM C 11.-12. EX	
	ENGEL robotics basics (ERB) Basic knowledge for the operation of ENGEL robots	725.--	100		02.-03. C 16.-17.				C 15.-16.		24.-25.		12.-13. C 19.-20.		
		825.--	200	19.-20.			27.-28.		C 29.-30.	20.-21.			26.-27. C 19.-20.	C 02.-03.	
	ENGEL robotics advanced (ERA) Operation of ENGEL robots for advanced students	725.--	100		04.-05. C 18.-19.				C 17.-18.		26.-27.		14.-15. C 21.-22.		
		825.--	200	21.-22.			29.-30.			22.-23.			28.-29.	C 04.-05.	
	ENGEL robotics expert (ERX) Expert knowledge for the operation of ENGEL robots	725.--	200	Dates upon request											
ENGEL statistical process control (ESP) Quality data statistics of ENGEL injection moulding machines	400.--	100			18.										
		200			18.									16.	
ENGEL e-factory basics (EFB) Basic knowledge for the operation of ENGEL e-factory	725.--		05.-06.				11.-12.								
ENGEL e-factory advanced (EFA) Operation of ENGEL e-factory for advanced students	400.--		07.				13.								
Maintenance	ENGEL control basics (ECB) Basic knowledge about control engineering of ENGEL injection moulding machines	100									14.-15.				
		200			02.-03.								16.-17.		
	ENGEL control victory (ECV) Control engineering of ENGEL injection moulding machines up to 4500 kN clamp force for advanced students	400.--	100			09.						08.			
			200			09.						08.		C 16.	
	ENGEL control electric (ECE) Control engineering of all-electric ENGEL injection moulding machines	725.--	200		25.-26. EM	C 24.-25. EM					21.-22.			08.-09.	
	ENGEL control large (ECL) Control engineering of ENGEL injection moulding machines above 5000 kN clamp force for advanced students	400.--	100						02.						07.
			200									23.			
	ENGEL robotics control (ERC) Control engineering and maintenance of ENGEL robots	725.--	100			23.-24. / C 30.-31.			29.-30.	C 07.-08.		16.-17.		22.-23.	
			200			23.-24. / C 30.-31.			29.-30.	C 07.-08.				22.-23.	
	ENGEL hydraulic basics (EHB) Basic knowledge about hydraulic components of ENGEL injection moulding machines	400.--						C 04.						30.	
	ENGEL hydraulic victory (EHV) Hydraulic systems of ENGEL injection moulding machines up to 4500 kN clamp force	400.--				11.		C 05.				10.		C 17.	
	ENGEL hydraulic large (EHL) Hydraulic systems of ENGEL injection moulding machines above 5000 kN clamp force	400.--				04.			03.					01.	
	ENGEL maintenance victory (EMV) Maintenance of ENGEL injection machines up to 4500 kN clamp force	400.--				10.		C 06.				09.		18. C 18	
ENGEL maintenance large (EML) Maintenance of ENGEL injection machines above 5000 kN clamp force	400.--							04.					02.		
Process Technology	Technology plastic basics (TPB) Basic knowledge about plastics technology for injection moulders	725.--			C 02.-03.							28.-29.			
	Technology plastic advanced (TPA) Identifying and correcting surface and injection errors	400.--			C 04.							30.			
	Technology mould assembling (TMA) Correct Mould mounting for injection moulders	400.--	Dates upon request												
	Technology mould proving (TMP) Systematic mould proving	725.--			C 05.								01.		
	Process and quality control (TPQ) Quality assurance in injection moulding	725.--	100			16.-17.									
		200			16.-17.								14.-15.		



# Training 2010



**John Cartabiano**  
Training Consulting  
Corona



**Mike Dewar**  
Training Consulting

## Training Team ENGEL North America



**Lori Shellenberger**  
Documentation Specialist



**Cheryl Rittenhouse**  
Training Administrator



**Missy Rodriguez**  
Training Administrator



**Jose Luis Trevino**  
Technical Service Rep / Trainer



**Marcus H Van Overbeek**  
Technical Service Rep / Trainer

	Seminar	Fee U.S.\$	Control generation
Manager	<b>Manager plastic basics (MPB)</b> Basic knowledge about plastic technology for managers	800.--	
	<b>Manager machine operation (MMO)</b> Machine operation for managers	800.--	
e-trainer live	<b>Sequence programming - CC200 Machine</b> (Module 1-2)	225.--/Module	200
	<b>Sequence programming - RC200 Robots</b> (Module 1-4)	225.--/Module	200
	<b>Mask editor CC200</b> (1 Module)	225.--	200
	<b>Freely programmable inputs and outputs CC200</b> (1 Module)	225.--	200
	<b>Quality assurance programs CC200</b> (Module 1-3)	225.--/Module	200
	<b>Customer specific topics</b>	550.--/Module	200

Dates upon request