



**MESA**  
INTERNATIONAL  
Global Education Program

On behalf of MESA International, I am pleased to announce the launch of the **MESA Global Education Program**. This initiative is the first step in filling a noticeable void in industry – the lack of independent competency training in the Operations Management (MES/MOM) arena. This lack of wide-scale competency is recognized as a major barrier to plant and supply chain optimization and global operations excellence.

With members in 85 countries globally, MESA is an independent, objective community of like-minded people and enterprises working to make Operations more reliable, capable and profitable. Some of the foremost experts across the Operations Management landscape are leading the knowledge sharing within the MESA community by offering programs across 6 continents by early 2012.

**MESA Certificate of Competency (CoC) for MES/MOM\* Methodologies**

A 4-day, comprehensive program of *MES/MOM Methodologies* courses aimed at Systems Analysts, Architects, Programmers, Project Managers and Consultants.

**MESA Certificate of Awareness (CoA) for MES/MOM Business Awareness**

A 2-day, high-level program of *MES/MOM Business Functions* courses geared for executives, manufacturing/operations and IT personnel and sales professionals. The CoA courses are higher level, short versions of the CoC program.

*\*NOTE: MES/MOM = Manufacturing Execution Systems/Manufacturing Operations Management*

The response to the program has been remarkable worldwide, and we expect to educate hundreds of professionals globally over the next several months. I offer you now the opportunity to get your teams involved to earn their own certificates. You can learn more about the **Global Education Program** from the attached documents and from our website ([www.mesa.org](http://www.mesa.org)). Program abstracts, as well as dates, locations and registration information, are all available online.

MESA's Keystone Sponsor companies are fully supportive of this initiative and are available to help you with additional information, as needed. For logistics and registration questions, please contact Brandy Richardson at MESA International's U.S. Headquarters at [brandy@mesa.org](mailto:brandy@mesa.org) or +1 480.893.6883.

I hope to have the honor of presenting you or one of your team members with one of our first Certificates!

Yours sincerely,

Mike James, *Chairman, MESA Education Committee*  
*Group Managing Director of ATS International*



### MESA Certificate of Competency (CoC)

## MES/MOM\* Methodologies Program (4 Days)

An in-depth, comprehensive program of MES/MOM Methodologies courses aimed at Systems Analysts, Architects, Programmers, Project Managers and Consultants.

\* MES/MOM = Manufacturing Execution Solutions/Manufacturing Operations Management

### MES/MOM Methodologies – Courses

I. Relationships between Manufacturing Operations Standards and Strategic Initiatives	3 hrs
II. Global Market Advances Adaptive Manufacturing 2.0 Architecture	3 hrs
III. The Role of MES/MOM Systems in Continuous Improvement and the Collaborative Pull Supply Chain	2 hrs
IV. Manufacturing Transformation Strategy: Maturity and Roadmap Modeling	4 hrs
V. MES/MOM Implementation & Governance: MES/MOM System Requirement Specifications, GAMP and Industrial System Development Life Cycle (SDLC) Methods	4 hrs
VI. Metric Framework for Enterprise Manufacturing Intelligence (EMI): Aligning Financial and Operations Metrics	4 hrs
VII. Justifying MES/MOM Systems to Business Leaders, Business Case Justification and Return on Investment (ROI) Assessment	4 hrs
VIII. MES/MOM Statement of Requirement (SoR), Request for Proposal and Product Eval. Method	4 hrs
IX. MES/MOM Project Management Techniques	4 hrs

A Competency Test will be administered for each course in the program, requiring a 90% score or higher on each test in order to receive the program's Certificate of Competency.

For each course, there are two parts to the Competency Test:

1. One in-course test consisting of twenty (20) questions answered as the course progresses.
2. One post-course test consisting of twenty (20) questions answered within 2 weeks after course completion.

### MES/MOM Methodologies Schedule: August, 2011 – January, 2012

August 16-19	United States	Los Angeles
September 5-8	Netherlands	Eindhoven
October 4-7	United States	Cincinnati
October 4-7	Brazil	Sao Paulo
October 10-13	Denmark	Copenhagen
October 17-20	Australia	Perth
October 18-21	United States	Dallas
October 25-28	India	Bangalore
November 1-4	United States	Atlanta
November 1-4	Singapore	Singapore
November 28-December 1	UAE	Dubai
December 5-8	United Kingdom	Nuneaton
January 9-12	China	Shanghai

Learn more about MESA's Global Education Program and register on-line at [www.mesa.org/educationprogram](http://www.mesa.org/educationprogram).



**MESA Certificate of Awareness (CoA)**

**MES/MOM\* Business Awareness Program (2 Days)**

The MESA MES/MOM Business Awareness CoA Program is a high-level program of the MES/MOM Business Value Awareness courses in a 2 Day Curriculum for Executives, IT Professionals, and Mfg Professionals. These short courses are high-level versions of CoC Program courses.

\* MES/MOM = Manufacturing Execution Solutions/Manufacturing Operations Management

**MES/MOM Business Function – Courses**

I. Relationships between Manufacturing Operations Standards and Strategic Initiatives	2.5 hrs
II. Global Market Advances Adaptive Manufacturing 2.0 Architecture	2 hrs
III. The Role of MES/MOM Systems in Continuous Improvement and the Collaborative Pull Supply Chain	1 hr
IV. Manufacturing Transformation Strategy: Maturity and Roadmap Modeling	1 hr
V. Influence of Management Philosophy on MES/MOM Deployment and Governance	1.5 hrs
VI. Metric Framework for Enterprise Manufacturing Intelligence (EMI): Aligning Financial and Operations Metrics	2 hrs
VII. Justifying MES/MOM Systems to Business Leaders, Business Case Justification and Return on Investment (ROI) Assessment	3 hrs
VIII. Choose the Right Solution: MES/MOM SOW, RFP and Product Evaluation Methods	2 hrs
IX. MES/MOM Project Management Techniques	1 hr

An Awareness Test will be administered for each course in the program, requiring a 90% score or higher on each test in order to receive the program’s Certificate of Awareness.

For each course, there are two parts to the Awareness Test:

1. One in-course test consisting of ten (10) questions answered as the course progresses.
2. One post-course test consisting of ten (10) questions answered within 2 weeks after course completion.

**MES/MOM Business Functions Schedule: August – December, 2011**

September 21 (half day), 22 (full day), 23 (half day)	United States	Orlando
October 5, 6	South Africa	Johannesburg
October 10, 11	Brazil	Sao Paulo
November 7, 8	Netherlands	Utrecht
November 24, 25	Germany	Nuremberg
December 8, 9	United States	Philadelphia

Learn more about MESA's Global Education Program and register on-line at [www.mesa.org/educationprogram](http://www.mesa.org/educationprogram).

MESA's Certificate of Competency (CoC) and Certificate of Awareness (CoA) educational programs combine training materials from a broad spectrum of relevant subject matters and courses into a single learning event. Events vary in length of class time and depth of knowledge sharing of each course, as programs are tailored to their intended audience.



## MES/MOM Programs: August, 2011 – Jan., 2012

	Program	Date
<b>Australia</b>		
Perth	CoC	October 17-20
<b>Brazil</b>		
Sao Paulo	CoC	October 4-7
Sao Paulo	CoA	October 10, 11
<b>China</b>		
Shanghai	CoC	January 9-12
<b>Denmark</b>		
Copenhagen	CoC	October 10-13
<b>Germany</b>		
Nuremberg	CoA	November 24, 25
<b>India</b>		
Bangalore	CoC	October 25-28
<b>Netherlands</b>		
Eindhoven	CoC	September 5-8
Utrecht	CoA	November 7, 8
<b>Singapore</b>		
Singapore	CoC	November 1-4
<b>South Africa</b>		
Johannesburg	CoA	October 5, 6
<b>United Arab Emirates</b>		
Dubai	CoC	Nov. 28- December 1
<b>United Kingdom</b>		
Nuneaton	CoC	December 5-8
<b>United States</b>		
Los Angeles	CoC	August 16-19
Orlando	CoA	Sept. 21, 22, 23
Cincinnati	CoC	October 4-7
Dallas	CoC	October 18-21
Atlanta	CoC	November 1-4
Philadelphia	CoA	December 8, 9

## Schedule

### MES/MOM Methodologies

Certificate of Competency (CoC)

Premium MESA Members  
\$/Euro 2000

Basic MESA Members and NonMembers  
\$/Euro 2500

### MES/MOM Business Functions

Certificate of Awareness (CoA)

Premium MESA Members  
\$/Euro 1000

Basic MESA Members and NonMembers  
\$/Euro 1250

Learn more about MESA's Global Education Program and register on-line at [www.mesa.org/educationprogram](http://www.mesa.org/educationprogram)

Course abstracts are available for all program content at [www.mesa.org/educationprogram](http://www.mesa.org/educationprogram).