



Results of the CAEAL Member Survey on Training Needs for 2008

Background of Survey

Members were requested to articulate their training needs in order for CAEAL to deliver training focused on these needs. The survey opened on 30 August 2007, and closed on 29 September 2007.

Survey Results

Level of Response:

The survey was viewed 203 times and 55 individual responses were provided. This means that close to 30% of members viewed the survey and one quarter of those took the time to respond. Roughly 9% of all CAEAL members responded.

Courses Desired

Of the 55 responses received, members indicated their preferences for approximately 280 persons to take the following courses:

Course	Demand
Use of PT in Testing Labs (not yet developed)	14%
Laboratory Leadership (new for 2007)	13%
Understanding ISO/IEC 17025	13%
Investigating Non-conformances through Root Cause Analysis	9%
Care and Feeding of a Laboratory Quality System	9%
Measurement Uncertainty (Analytical Chemistry)	8%
CAEAL Internal Auditor Course (for ISO/IEC 17025)	7%
Measurement Uncertainty for the Clients of Labs, Being Certain about Uncertainty	7%
Laboratory Internal Calibration	6%
Quality Manual Template for ISO/IEC 17025	0%
Ashbrooke Designing a QMS to ISO/IEC 17025	5%
Measurement Uncertainty (Microbiology)	4%
Ashbrooke Lead Auditor Course (with ISO/IEC 17025)	3%
Other: Online Internal Auditing course	1%
Cost benefit analysis of a laboratory QMS	

Table 1 – Survey results regarding desired courses

Venues Desired:

Cities	Preference
Toronto	33%
Calgary/Edmonton	28%
Vancouver	9%
Ottawa	9%
Southern Ontario	6%

Cities	Preference
Halifax	5%
Regina / Saskatoon	3%
Quebec / Montreal	3%
Fredericton / Moncton	2%
Grande Prairie	2%

Table 2 – Survey results regarding desired venues

Impact on 2008 CAEAL Training Program

59 Training days are planned for 2008, with planned total attendance to be between 350 and 700 participants. The current fee structure allows viable delivery of training with as few as 7 participants. Only 286 individual seats were noted on this survey, but responses were from only 9% of the membership. Simple extrapolation indicates that an annual goal of 350 participants is therefore attainable.

Course	Days	Demand	# Courses
Use of PT in Testing Labs (not yet developed)	1	14%	7
Laboratory Leadership (new for 2007)	1	13%	7
Understanding ISO/IEC 17025	2	13%	4
Investigating Non-conformances through Root Cause Analysis	1	9%	5
Care and Feeding of a Laboratory Quality System	2	9%	3
Measurement Uncertainty (Analytical Chemistry)	1	8%	5
CAEAL Internal Auditor Course (for ISO/IEC 17025)	3	7%	2
Measurement Uncertainty for the Clients of Labs, Being Certain about Uncertainty	1	7%	4
Laboratory Internal Calibration	1	6%	3
Quality Manual Template for ISO/IEC 17025	1	0%	0
Ashbrooke Designing a QMS to ISO/IEC 17025	3	5%	1
Measurement Uncertainty (Microbiology)	1	4%	3
Ashbrooke Lead Auditor Course (with ISO/IEC 17025)	5	3%	1
Other: Online Internal Auditing / Cost Benefit of Lab QMS	1	1%	1
TOTAL			46

Table 3 – Number of desired courses needed to meet stated demand

Planned Delivery Schedule for 2008

* **Prefs** = stated venue preference from Table 2 above

City	Prefs	Courses to deliver	# of Courses	Total Days
Toronto Jan – 2 weeks Sep – 2 weeks	33%	Use of PT in Testing Labs Laboratory Leadership Understanding ISO/IEC 17025 Root Cause Analysis Internal Auditor Internal Calibration Care and Feeding MU (Chemistry) Designing QMS Course	2 2 1 1 1 1 1 1 1	17
Calgary/Edmonton May – 2 weeks Nov – 1 week	28%	Use of PT in Testing Labs Laboratory Leadership Understanding ISO/IEC 17025 Root Cause Analysis Care and Feeding MU (Chemistry) Internal Auditor Internal Calibration	2 2 1 1 1 1 1 1	14
Vancouver Apr – 2 weeks	9%	Use of PT in Testing Labs Laboratory Leadership Understanding ISO/IEC 17025 Root Cause Analysis MU (Chemistry) Internal Calibration	1 1 1 1 1 1	7
Ottawa Jan – Lead 1 wk Jun – Int'l 2 wks Nov – Lead 1 wk	9%	Use of PT in Testing Labs Laboratory Leadership Understanding ISO/IEC 17025 Root Cause Analysis MU (Chemistry) Internal Calibration Lead Auditor Course Designing QMS Course - specified	1 1 1 1 1 1 2 1	20
Southern Ontario Oct – 1 week (KW or Guelph)	6%	Use of PT in Testing Labs Laboratory Leadership Root Cause Analysis	1 1 1	3
Halifax Feb – 2 weeks (only venue in Atlantic Canada)	5%	Use of PT in Testing Labs Laboratory Leadership Understanding ISO/IEC 17025 Root Cause Analysis MU (Chemistry) Designing QMS	1 1 1 1 1 1	9

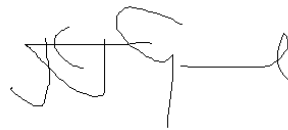
City	Prefs	Courses to deliver	# of Courses	Total Days
Regina / Saskatoon	3%	Not enough interest currently expressed. Will deliver training when requested by membership.		
Quebec / Montreal	3%			
Fredericton / Moncton	2%			
Grande Prairie	2%			
Total number of training days planned				59

The courses planned for delivery in each locale do not exactly match the stated interest. For example, two lead auditor courses are planned for Ottawa each year. This is primarily to facilitate the training of assessors for the CAEAL Accreditation Program. As well, a locale such as Halifax is allocated slightly more than Southern Ontario, because members in Southern Ontario have more choices available from venues such as Toronto and Ottawa. Halifax is also the only currently viable choice for gathering sufficient numbers of participants from within Atlantic Canada.

Finally, the allocation of an extraordinary “Designing QMS” course to the Ottawa venue is based on a specification from an international customer.

Conclusions

The planned schedule resulting from this survey is for 59 training days delivered in 6 cities across Canada. Unplanned training will also include up to 12 days to international clients, most of which will be delivered in Ottawa in June and July. The CAEAL Training Calendar for 2008 will reflect the needs expressed by members in this survey.



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See http://www.caeal.ca/t_caeal_training_flow.pdf for courses and recommended pre-requisites
See <http://caeval.dameco.com/Coursesoffered.asp> for online training.