

AHWP Training Program – University comparison and scoring chart

Criteria	NEU Response	HKU Response	AHWP member economies representative scoring/comment (Write down 1-5 with 5 is the highest/best mark)
	<p style="text-align: center;">Information provided by Eric D. Kupferberg, Assistant Dean Northeastern University, USA</p>	<p style="text-align: center;">Information provided by Stephen Wu Head of Health & Applied Sciences School of Professional & Continuing Education, University of Hong Kong.</p>	
Regulatory knowledge of University	<ul style="list-style-type: none"> ▪ NEU has 24 faculty members teaching in the RA Masters Program and Post-graduate Certificate Program. ▪ All faculty members hold Masters, PhD, or PharmD degrees, with an average of 11 years experience working in the regulatory affairs profession. More than six instructors have ample experience in both the private and governmental sectors. ▪ NEU’s RA Masters and professional certificate program running for 4 years, featuring 21 on-line and on-ground courses. ▪ Comprehensive instruction from early IDAs to post-market surveillance, covering medical devices, drugs, and biologics. ▪ 138 current regulatory affairs students from 9 countries. ▪ NEU maintains access to key FDA officials who are guest instructors for the RA Masters program. ▪ Unique emphasis on market dynamics & strategic planning. 	<p>I must admit the University of Hong Kong nor HKU SPACE has not at present a specialized programme in medical device regulatory affairs. However, I would not see this as a handicap or disadvantage on our part because it is our practice of HKU SPACE to source the best expertise available (both in the academic and professional sectors) to develop and to teach in our programmes so that the programme will be tailor-made for the clients in order to suit their needs. It is also to my understanding (from Mr. Albert Poon and Mr. Jack Wong) that regulatory experts within the AHWP are ready and prepared to contribute to the design, development and tutor in the proposed training programme</p>	(Write down 1-5 with 5 is the highest/best mark)

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<p>Reputation of University</p>	<ul style="list-style-type: none"> ▪ Among the approximately 4,140 American universities, NEU rates within the top 100 according to US News & World Reports. ▪ Consistently ranked in top 5 for applied learning and business-university partnerships. ▪ Considered a top 10 university in the Boston area, which is also home to Harvard University, MIT, Boston University and Boston College. ▪ Over 25,000 undergraduate and graduate students enrolled in more than 100 degree program on campus. ▪ More than 62 online degree programs with greater than 8,000 online students. ▪ NEU's RA Masters Program is 1 of 16 accredited degree programs in the United States and the world. ▪ RA Masters Program recognized and endorsed by RAPS. ▪ Has 49 established university partnerships from 13 countries worldwide (e.g., University of Sydney, Beijing University of Technology, University of Hannover, University of Athens, University of Naples, University of Auckland, University of Endinburgh) 	<p>The University of Hong Kong ranks 33 amongst the world universities according to the Times Higher Education Supplement 2006. This ranking is highly regarded within the academic circle and can be verified by visiting the THES website. (http://www.thes.co.uk/statistics/international_comparisons/2006/top_unis.aspx?)</p> <p>The University of Hong Kong is highly regarded in Asia and globally for its academic achievements. HKU SPACE is the leader in professional and continuing education in Hong Kong and is also a major provider of professional and lifelong learning in the world. So far we have trained more 1.3 Million learners and we have more than 110,000 enrolments and more than 1,000 programmes a year.</p>	<p>(Write down 1-5 with 5 is the highest/best mark)</p>
<p>Expense/investment require and revenue return</p>	<ul style="list-style-type: none"> ▪ Start-up costs estimated at \$5,000 USD if use current www.moh-elearning.com portal to host the core modules and NEU portal for the final examination. ▪ Start-up costs estimated at \$7,000 if use NEU portal to host modules and final examination. ▪ BSC & NEU will fund all start-up costs. ▪ AHWP can pay back BSC and/or NEU the start-up costs by charging a student enrollment fee. ▪ After the start-up costs are paid back, 100% of all additional fees would be considered revenue for AHWP. ▪ AHWP controls the enrollment fee amount for government and industry students. ▪ No revenue sharing would be required. 	<p>AHWP need not invest up-front since HKU SPACE is prepared to invest on the module development if necessary out of its development seed money. With regard to revenue return, HKU SPACE will split the surplus generated from the programme equally (i.e. 50% -50%) with AHWP. Hence, the School is not really intending to profit from the joint venture with AHWP. We just wish to contribute to Hong Kong since it is a member of the AHWP and we treasure this opportunity of doing something for Asia</p>	<p>(Write down 1-5 with 5 is the highest/best mark * In both cases, we don't have start up cost, and we are targeting US\$2000 as the tuition fee)</p>
<p>Ease of use of the on-line platform</p>	<ul style="list-style-type: none"> ▪ www.moh-elearning.com website would require a username and password. Once a student is logged into the site, the features are very user-friendly. No training is required 	<p>I hope with my demonstration of the SOUL platform, you would have appreciated the versatility, capabilities and user-friendliness of</p>	<p>(Write down 1-5 with 5 is the highest/best mark)</p>

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	<ul style="list-style-type: none"> ▪ For NEU based training, AHWP will run on the same proven platform as all other on-line courses ▪ The NEU portal for students to take the final examination is equally inviting (username & password and no need for training). 	<p>our platform. It has the following features :</p> <ol style="list-style-type: none"> i. class schedule; ii. off-line conference room; iii. real-time chat room; iv. e-tutor; v. uploading of course content, reading material, journal articles; and vi. placing video clips of lectures; and vii. access to e-journals. <p>To familiarize teachers and students, an induction on how to use the SOUL platform will be conducted on-line.</p>	
Course development time	<ul style="list-style-type: none"> ▪ EU course completed but will need to be modified to meet AHWP needs (2 weeks to 1 month). ▪ FDA course completed but will need to be modified to meet AHWP needs (2 weeks to 1 month). ▪ AHWP/Asia RA course will need to be created with help from local Asian governments (3 – 4 months). ▪ 1 critical skill/soft skill module can be completed without any time to develop if AHWP chooses to partner with NEU Learning & Development Department. Can teach critical/soft skill module as early as Oct 2007 in Chengdu. ▪ Develop Final RA certificate examination (1 month). ▪ Advisory Board to review and approval all 3 course content and identify critical/soft skill module (1 month). ▪ Total development time = 3 – 4 months. ▪ Launch = Oct 2007 in Chengdu, China. <p>Website & Portal Development time</p> <ul style="list-style-type: none"> ▪ Identify look/brand of AHWP RA Cert program and modify current moh-elearning site to reflect new look (1 month). ▪ Modify any functionality of current moh-elearning 	<p>I anticipate that with the readily available course material from the regulatory experts from AHWP, it would not take too long to adapt the material into an online deliverable. I think the development process would take at most 10 weeks to 3 months. This means that it is possible to start the training programme in October 2007</p>	<p>(Write down 1-5 with 5 is the highest/best mark * We are targeting to start enrolment in 2007)</p>

AHWP Training Program – University comparison and scoring chart

	<p>site specific to AHWP needs (1 month).</p> <ul style="list-style-type: none"> Modify NEU portal for AHWP final examination (1 month). <p>Total development time = 1 – 2 months.</p>		
Independence	<ul style="list-style-type: none"> AHWP would have 100% control of look and functionality of the RA certificate section of the moh-elearning website. 100% feedback/suggestions are welcomed to develop the look, name, branding of the RA certificate (i.e. to include AHWP logo and/or university logo). AHWP would have 100% control of pricing for government and industry student enrollment fees. AHWP would have 100% control of revenue for future program development. AHWP would have 100% control of Advisory Board members and roles/responsibilities. All curriculum and exam content subject to review by Advisory Board and/or NEU (only if there is no advisory board created). 100% possibility to launch Phase I of program by Oct-2007 Chengdu, China meeting. 100% input on other universities AHWP would like to have accredit the RA cert program as long as the Advisory Board approves. 	<p>I can assure you that HKU SPACE is a financially independent body not relying on nor receiving any funds or sponsorship from the industry and, in particular, not from any of the medical device suppliers. Therefore, HKU SPACE will be fully autonomous and independent in the delivery of the AHWP training programme.</p>	<p>(Write down 1-5 with 5 is the highest/best mark)</p>
Intellectual property ownership for course content	<ul style="list-style-type: none"> NEU will only have ownership to course materials that they authored or created for the RA certificate program. NEU will not charge for any course materials created for the RA certificate program and will allow AHWP to use material at their discretion as long as Advisory Board approves. 	<p>HKU SPACE will respect the ownership of the training programme and its content to be under AHWP and AHWP is free to use its contents for its training and updating. In the event of HKU SPACE having invested on the development of a certain module, HKU SPACE will reserve a right to use the module for its own teaching or training, and this right accrues to HKU SPACE without any prejudice to AHWP's right of using the contents for training or of its updating. Apart from the so-called "core" modules, HKU SPACE is also willing to support the development of other option modules as recommended by the AHWP</p>	<p>(Write down 1-5 with 5 is the highest/best mark)</p>
Others	<p><u>Recommendations/Suggestions for Practical Training</u></p> <ul style="list-style-type: none"> NEU feels that this application would be more applicable for students who are enrolled in the RA Masters Program through 6 month 		<p>(No need scoring here but you can put down comment)</p>

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	<p>internships.</p> <ul style="list-style-type: none"> ▪ Most of the students enrolled in the AHWP RA certificate program will be working either in the government or industry and will gain practical skills with on-the-job training or experience. ▪ However, for certificate program students who would be interested in gaining practical skills outside of their job function NEU could help develop an exchange program where the student could observe for one or two weeks in another government department, another country's government department or possibly with an industry functional team to learn skills beyond their daily responsibilities. ▪ Another possibility could be to develop an internship with industry or organizations in the US or Asia for an longer exchange program. ▪ Recommend the Advisory Board members to brainstorm all options and opportunities. <p><u>Recommendations/Suggestions for Soft or Critical Skills</u></p> <p>Utilize NEU's existing Learning & Development program and review the current portfolio to select optional critical skill courses that could be taught as half-day workshops during any AHWP meetings/gatherings.</p>		
		Total Mark	