

# MODULE FOR FUTURE A LEARNING PROGRAM V-E-W IN ARAB STATES

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## المستخلص

بسبب الأزمة المالية العالمية وما نتج عنها من نقص في التوظيف (إيجاد الفرص الوظيفية) وخاصة الأفراد الأسر ذات الدخل المحدود وبالتالي ومن قريب أو بعيد سوف يؤثر على قطاع التعليم والتدريب (الأفراد أو الشركات). ومن أجل مساعدة الشركات والأفراد على مواجهة التحديات التي تواجههم وكيف يكون الصمود والاستمرار في ظل هذا الوضع الحرج (الأزمة المالية العالمية) وكيفية البحث عن موظف مؤهل إضافة إلى تطوير الشركات لموظفيها فيجب على هذه الشركات أن تنظر إلى التدريب على أنه استثمار وليس تكلفة وإيجاد ميزانية خاصة لخطة تطوير الموظفين. ومن جهة أخرى فإن آليات التدريب والتعليم يجب أن تتطور لتناسب احتياجات الأفراد والشركات من حيث التكلفة المادية وبجودة عالية وذلك من خلال استخدام التكنولوجيا بشكل صحيح وخاصة تقنية الاتصالات الحديثة (الإنترنت)، لذلك تم البحث في إنشاء آليات وطرائق جديدة للتعليم والتدريب تتماشى مع الوضع الاقتصادي والاجتماعي الراهن. هذه الآليات يجب أن تبدو كنظام متكامل، مستثمرًا مزايا تقنيات التعلم عن بعد، ويؤخذ في عين الاعتبار تعزيز مهارات المتدرب أو الطلاب مع تطبيق معايير الجودة الشاملة وتأثير البيئة والثقافة المجتمعية.

في ظل هذه التحديات والظروف البيئية غير المستقرة لابد من البحث عن نظام تعليمي متكاملًا وتدريبًا جديدًا متماشياً مع احتياجات السوق (الشركات والأفراد) وذلك بسبب الوضع الاقتصادي الراهن، والذي هو نظام للتعلم عن طريق البيئة الافتراضية، والنظام الإلكتروني والورش العملية الممنهجة (V.E.W) وكيفية تطبيق نظام V. E. W التعليمي كنظام متكامل في المعاهد أو الجامعات والاستفادة من مزاياه المختلفة وتجنب قدر ما يمكن سلبيات أنظمة التعليم الأخرى متفرقة، وهذا النظام (V. E. W) سوف يكون ذو قيمة وفعالية كبيرة للتعلم ودعم التعليم ما إذا كنا نستطيع التأكد من أن التقنيات المتوفرة اليوم ذات مواصفات عالية من عرض نطاق ترددي متزامن جيد لتحقيق الاتصال الفعال، من أجل جعل التعلم أكثر مرونة وسهل بقدر ما يمكن مع أداء أفضل مقارنة مع مخرجات التعليم التقليدية وبما يخص الأفراد تأمين فرص تعليمية تدريبية بأقل التكاليف دون الاحتياج للسفر مع الحفاظ على الوظيفة - إذا كان الطالب موظفًا مثلاً. إن نظام V. E. W التعليمي جامعاً لمزايا جميع تقنيات التعلم عن بعد والتعليم التقليدي، معززاً لمهارات المتدرب أو الطلاب مع تطبيق معايير الجودة الشاملة.

هذه الدراسة توضح مايلي:

- ما الذي يجعل نظام V. E. W فعالاً ومتميزاً عن أي نظام تعليمي مدمجاً مطبقاً حالياً، وخصوصاً في المنطقة العربية؟
- ما هي المتطلبات وتحديات الحالية والمستقبلية لتطبيق معايير الجودة لنظام V. E. W التعليمي وخاصة في المنطقة العربية؟
- ما هي الصعوبات والفرص المتاحة في تنفيذ نظام التعلم VEW ؟

وقد أجريت هذه الدراسة على استطلاع بواسطة الانترنت لطلاب معاهد الخليج للتدريب والتعليم، حيث أن شركة الخليج للتدريب والتعليم ذات تغطية واسعة نحو 86 معهداً في السعودية، ومركزاً للتدريب وجامعة اليرموك في الأردن. والهدف الأساسي من هذه الدراسة هو معرفة الطلب والاحتياج وأهمية استخدام تكنولوجيا الاتصالات في التعليم، من خلال الطلاب والموظفين في الفئات الثلاث المذكورة سابقاً.

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## Abstract

Due to global financial crisis there is a shortage in employment and a low family's income. This will affect on education and training field (in private sector and family funds) . In order to help companies face challenges to survive under this critical situation (global crisis) to find qualified employee and to develop their current staff . several steps should be taken, First of all , these companies have to consider the training as an invest not as a cost and to create special budget for staff development plan, on the other side the training process has to be changed and developed to match companies needs in a high quality of training and low cost as much as possible. This can be achieved by utilizing technology properly. A new Education and Training module have to be created accordingly.

This module looks as a new integrated system which will enhance the advantages of all distance learning techniques and take in the consideration the importance of hands on training to enhance the skills for the trainees or students with total quality indicators and environment

The objective of this study is to find a module suitable for the new situation of the market for economic reasons. This module will be an integrated – learning module via Virtual learning E – learning and Workshop – V. E. W -, and how the researcher place V.E.W integrated learning in institutes or universities by utilizing the benefits and advantages of all learning tools and avoid as much the researcher can all the disadvantages. This module will be valuable for supporting learning and education if the researcher can confirm that technologies available today always enable high-band width synchronous communication, in order to make learning cycle life and training cycle life more flexible and easy as much as can with best performance output and with no difference comparing with the output of traditional education or training.

Certain questions shall be answered a long the study:

- What makes V.E.W module different from any blended learning presented in the market now, especially in Arab region?
- What are the current and future challenges for qualification and standardization of V. E. W learning that contain (E- learning and virtual learning) in Arab region?
- What are the difficulties and the opportunities in implementing V. E. W learning module?

This study is carried out as online to survey the Alkhaleej Training and Education (ATE) students, The ATE is given extensive coverage because of its 86 branches in Saudi, SDK training center and Yarmouk University in Jordan, The main objective of the survey is to outline the demand and the importance of

*using internet and communication Technology (ICT) in learning. This survey training with students and employees in mentioned companies in three categories.*

## **Introduction**

*Number of companies in Arab regions takes care of human resources, by increasing their investments in their staff, working together with all who interest in training market, that understood the link between income, invest, costs and the employee's performance, In addition the importance of customers loyalty , this produced mainly by offering quality, and excellent customer care to enhance customers satisfaction and loyalty*

*Because of the shortage of qualified employees and personnel instability, effective training programs are needed to produce well educated qualified and skilled employees, and also while companies growing and expanding; the number of management positions will perform and appear this will create a demand for training by focusing on business management and other fields.*

*The current economic crisis affects ort the market in different areas worldwide, training market is one of these areas, because of decreasing the companies budget to face the global crises this will affect the level of quality and then customer satisfaction, some Companies see training as a cost; then they will try to reduce the budgets and others see training as an investment in human resources; they will insure a competitive advantage*

*Due to global financial crisis there are huge losses in employment beside of low families income this will affect education and training field by threatening the government students funds, private sector and family funds, then the Student support systems, scholarships and student loans will be affected also, so these days we will face that there are many families will not be able to pay students education and training fees*

*Demographical changes in Developed countries are undergoing in recent days a high decrease of their population between 18 and 22 years with eminent repercussions in students enrolments (Hernes,2006). The projected conditions do not indicate changes in this Evolution; however, the global population is growing rapidly as a result of the high birth rate of developing countries (Mason,2006) and that involves large opportunities to the market of higher education (Middlehurst,2006).*

*Part-time students and Lifelong Open and Flexible (LOF) education. Globalization of human resources (Mason,2006) a high degree of competitiveness in the labor markets (Hernes,2006) and the growing access to information have made citizens aware of the necessity of improving continuously their personal skills and knowledge. As a result, higher education institutions are dealing with widely varying needs among learners and that makes necessary new processes and*

services for teaching/learning adaptable to these different necessities (Mason,2006).

Learners seek increasingly flexible conditions. The full-time student is bounded to disappear in a more and more competitive scenario as the added value of extracurricular skills has becoming essential Degree programs progressively cross disciplines while company recruiters search for multitalented graduates (Takala & Haw,1999). Students tend to judge the value of a degree based on their perceptions of quality, price, time and service and at the same time organizations encourage the assessment of student's education by something more than a piece of paper.

Globalization of knowledge, Many databases, research articles and even primary sources are now openly available online, and much of the uncontrolled explosion of information in all disciplines is exacerbated by the Internet (Mason,2006).

Developments in ICTs mean the pulling down of geographical and temporal barrier.

That fact, added to the increasingly mobility of students has encouraged efforts towards globalization (Middlehurst,2006).

From my point of view to help companies to face their challenges and how to survive under this critical situation (global crisis) these companies have to consider the training as an investment not as a cost and to create special budget for staff development plan. On the other side the training process has to be changed and developed to match companies needs which are high quality of training with low cost as much as possible and this could be achieved by utilizing technology properly, so we have to create a new Education and Training module, this situation needs responsibility to develop rules for establishing new education methodology or institutions policies, putting in place mechanisms of regulations, standards and perfect training or education environment, TQM(total quality management) philosophy will take place to ensure the productivity of the output

This study is about the quality in education and training with the purpose of underlining the challenges in the quality management in the conversion of traditional education and training techniques into new blended learning techniques that called integrated-learning program via Virtual learning E-learning and Workshop-V.E.W.

## Part One

### Study Methodology

*This chapter discusses the research methodology in order to provide both a background and a backdrop about V.E.W learning module and TQM standard for this module, and the data analysis which follow this chapter,*

*This study uses a Descriptive analytical approach.*

#### **1. Study problems and questions:**

*One of the impacts of financial crisis on companies may lead to a new situation and challenges in hiring qualified new employees or develop the current employees, the area of learning and education design has become more important these days, especially online learning becoming a very important element of teaching and learning in institutions worldwide.*

*Reducing Distance learning disadvantages is one of my main concerns and it is enforce me to find new learning module to enhance the strength and advantages of distance learning and utilizing all its benefits, so the difficulties of measuring the distance effect in the affective areas should not prevent educators from taking action to reduce its influence. One of the approaches to achieve this goal is an integrated learning approach that combine face-to-face, E-learning and skills training which is better than E-learning alone or traditional learning alone, because Face-to face or traditional learning are likely to enable emotional understanding, while the E-learning approach has convenience and flexibility.*

*I will visualize the problem or disadvantages of online distance learning (E-learning or Virtual learning), and I will propose strategies to cover coming problems arising from the use of conventional on line distance learning module (E-learning or Virtual) and traditional moduls.*

*The IT multimedia techniques used for E-learning and virtual learning in the 21st century will use all of the methods available with traditional learning or face-to-face communication (e.g, visual synchronous communication like video conferencing), then the availability of the affective area in online virtual education and traditional education may be considered basically equivalent.*

*Finally, in most moduls of online Distance learning (E-learning or virtual), improvements in technology will be suitable for overcoming online distance learning effects.*

*Synchronous technologies are preferable because they help to get the main advantage traditional learning which is instant feedback. A webcam with Audio will allow the teacher to modify pedagogy or change the direction of an individual lesson based on student reactions or feedback. In this case High-band*

*width solutions will improve and enhance excellent bidirectional communication between teachers and students. If communication media allows for human emotions, gestures, body language, and other reflects from students, it will cover some advantages of traditional learning or face-to-face teaching.*

*The theoretical discussion will answer these questions:*

- *What is the most suitable distance learning module that covers most advantages of learning and education techniques to enhance market satisfaction?*
- *What are the difficulties and the opportunities for implementing V.E.W learning module?*

## **2- Purpose of The Study:**

*The purpose of this study is to identify a new learning module to enhance the current situations of market demand to prepare qualified manpower and develop the employees which is Integrated learning module via Virtual, learning and Workshop – V.E.W learning module.*

*We identify this module to present new integrated learning module to give student opportunity for high quality study with least constraints and utilizing all the advantages of different learning techniques (Virtual, E-learning and face to face learning) so different kind of students can join this module without leaving their job who are working and without traveling to attend classes for those who live away from training or study campuses only for Workshop it will be scheduled per semester and it will be easy for any student to arrange that.*

## **3- Study Importance**

*Provide the society with new learning module matching their needs and wants because of commercial effect they faced these days due to global economic crises and the shortage of income beside of the needs and importance of training and development to employee to stay in their current jobs and also for who are looking for a job.*

*This study should support improving new quality indicators for V.E.W of higher education compatible with current changes in the world due to financial crisis and its impact on business excellence.*

*Institutions need to meet recent accessibility legislation and fulfill government targets to deliver widening access to Higher Education, and this can only be achieved by evaluating E-learning or Virtual System usability and identifying continuing accessibility needs, to enhance powerful outcomes.*

*Higher educations, Technical and vocational training corporation (TVTC) in Saudi Arabia and other Arab countries.*

## **4- Study Limitations**

*The survey with Students about the ICT in learning:*

*In this survey the main objective is to know the demand and the importance of using internet and communication Technology (ICT) in learning this survey running with students and employees in companies in different four categories: University, Institutes, Training centers and Companies.*

## **Part Two**

### **Theoretical framework**

*Types of learning and education techniques are :*

#### **1- Traditional or face-to-face education;**

*The term "traditional classroom" brings to mind visions of a classroom of twenty of more children, almost all in the same age, listening carefully to the instructor or teacher, information and knowledge coming from instructor to students, and it is known by the phrase. "sage on the stage" because the instructor that considered as an expert must transfer his or her knowledge to the students, while all working hard at their studies.*

#### **2. Distance education, or distance learning**

*Distancing can be understood as a separation in time or space that reduces the empathy that a person may have for the suffering from others. Distancing results from human, mechanical or electronic agencies. When one person walks away from another, uses mechanical means to travel, or uses online communication, distancing is likely to occur. Face-to-face communication, the standard of the traditional classroom, is the "paradigmatic social context and medium", and it is critical for interpersonal processes (Palmer 1995, 282).*

*UNESCO went on further to say that distance "Education focused on opening access to education and training, provision freeing learners from the constraints of time and place, and offering flexible learning opportunities to individuals and group of learners UNESCO (1997).*

*Distance learning or education is a field of education that aim to deliver training or education to students who are not physically "on site" in a traditional classroom as conventional education or training. And we can say it is "a technique that creates and provides access to learning while sources of information and learners are separated by time and distance, or both ,by mailing the course contents*

*Student will study by himself till the test ,but WEB applications enabled tools becoming available or support the teacher. research and collecting evidences may be will show if there are any technique better than the traditional way of teaching this is a potential area of my study .*

Distance learning has different technologies Synchronous technologies and Asynchronous technologies .Synchronous technology is a mode of line delivery where all participants or students are "Attend" at the same time in different places organized timetable (schedule) will be required. For example: WEB Conferencing and Virtual Learning.

### 3- Virtual Learning

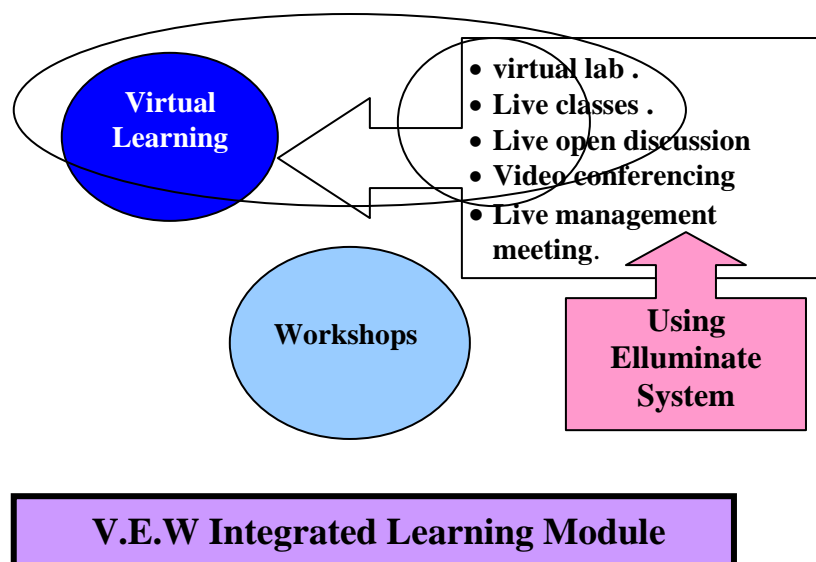


Figure (1)

Live classes

Live open discussion (interactive classes)

Video conferencing

Live management meeting

Running virtual labs especially for technical courses

Implementing virtual classes mainly will be in advanced courses which provides with more experienced knowledge than theoretical or just information so advanced course will usually take place in the second half of the degree (second year in two years diploma and third and third or fourth year in bachelor degree) and also gives students chance to think out of the box, running brainstorming techniques then it will enhance more interaction between all education aspects or parties (teachers, students and communities)

VIES might also be called a learning management system (LMS) course management system (CMS), learning content management system (LCMS), managed learning environment (MLE), learning support system (LSS), online learning Center (OLC), or learning platform (LP), for further information on backboard visit [www.blackboard.com](http://www.blackboard.com); module is a free-to-user system available through the internet; <http://moodle.org/>.

### ***A- Campus-wide web conferencing and collaboration***

*Expand learning range with low cost by utilizing virtual learning tools (web collaboration designed for education). Now you can integrate all universities, institutes and companies activities with virtual learning tools comprehensive, multipurpose solutions. So you can communicate, collaborate, and educate more effectively system wide.*

### ***B- Why virtual learning tools?***

- *Increased revenue with expanded enrollment*
- *Support for online, blended, and mobile learning.*
- *Multi-platform support and easy scalability to 1000s of users*
- *Interoperability with existing enterprise applications and infrastructure*
- *Shared service for real-time meetings, classes, events, and professional development*
- *Convenient secure for low-cost administration and high availability*
- *Learning and business continuity during pandemics and other disasters*
- *Immediate, quantifiable Return on investment( ROI) from reduced travel and facility cost*
- *Single point of support for widely-deployed web video, and social learning applications*

#### 4- Workshop sessi

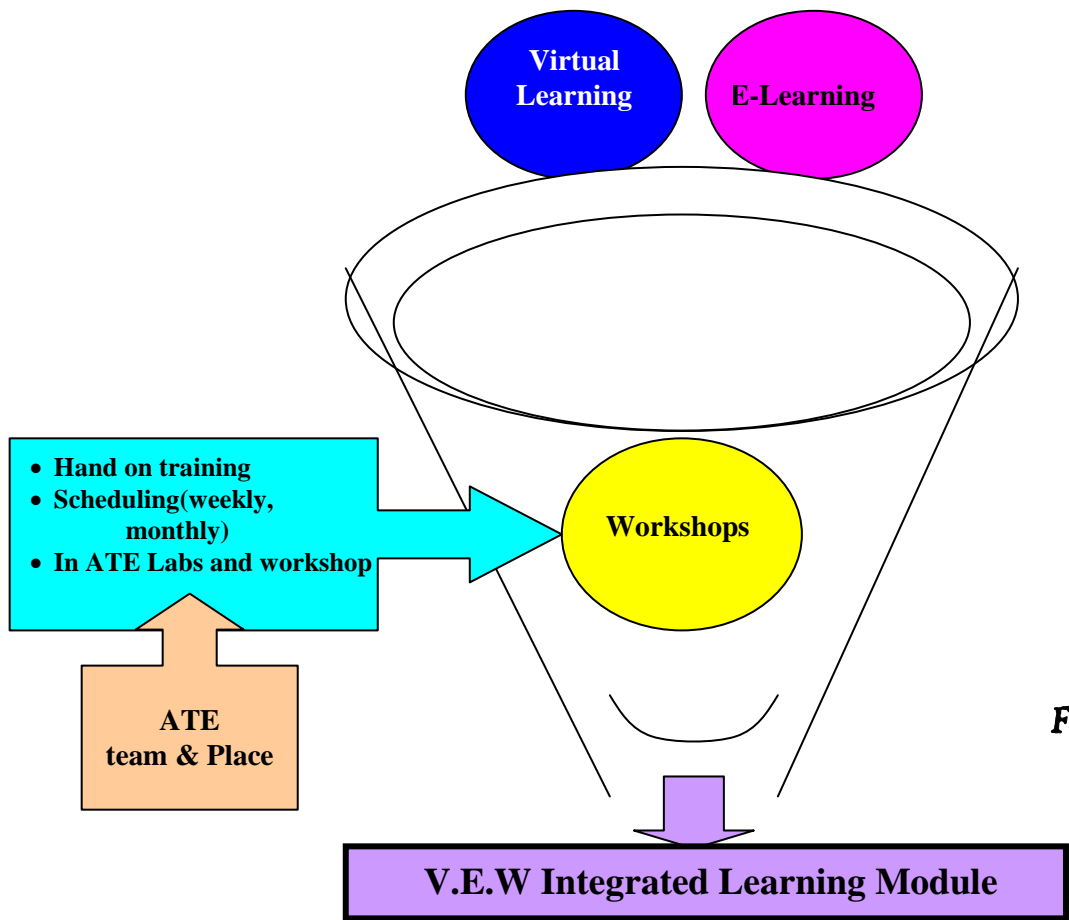


Figure (2)

Workshops have been taken place as a culture in this module since student start his studying until he finishes it, the philosophy of this workshop is to implement or demonstrate the knowledge or information and on the other hand the advantages of traditional learning (face to face) will be available in workshop sessions in addition to training the students practically and providing students with all skills needed Hands on training skills, the workshop will be scheduled (weekly, monthly) and may run in universities or institutes campuses labs or workshop

The V.E.W module will be implementing as figure shown below

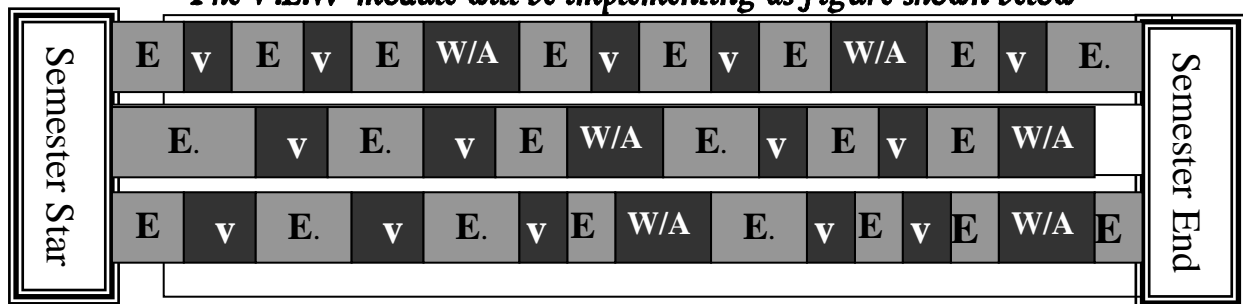


Figure (3) V.E.W Module diagram

E; E-learning V: Scheduled Virtual classes, W/A Scheduled workshop or assignment

#### **5- Learning Management System LMS,**

The above conversion would be done using the E-learning techniques, virtual learning Environment and hands-on training by implementing workshop sessions, this module called integrated-learning program via Virtual learning, E-learning and Workshop-V.E.W and because of on line learning (E-learning and virtual learning) should not be just a machine based method for teaching and will be only effective in engaging all the participants when it has a human touch For that and more we need learning Management System LMS that meets registration, hosting and reporting needs for universities and institutes

A learning management system (LMS) is software for delivering tracking and managing training/education process LMSS features support online learning modules for tracing students study, managing training/educational records to software for distributing courses over the internet and offering features for online collaboration and also provide 20-Apr

Students access to learning classroom support services, such as academic advising mentoring, tutoring, financial aid services and technology learning online support. Most online institutes and universities, who present online distance learning (E-learning and virtual learning) used a learning management system (LMS) to control their classroom environment.

Some LMSS are Web-based to facilitate access to learning content and administration. It is also used by educational institutions to enhance and support classroom teaching and offering courses to a larger population of learners across the globe and also some of LMS include recruitment, reward functionality and performance Management systems (employee appraisals, competency management, skills-gap analysis succession planning, and multi-rater assessments).

There are numbers of learning management - system applications in the market, like Blackboard, sakai and Module, which manage and control the E-learning and virtual classroom environment.

The primary elements which all-learning management system share, are a centralized organizational structure for online classroom resources. The first thing students should do when trying to familiarize themselves with the technology learning online structure is to be familiar with the learning management system (LMS) this can best be done through touring or running a demo in the page which comes up after logging in.

#### **6- Benefits of integrated LMS and virtual learning application (Eliminate) solution:**

Using LMS with mentioned specification together with Eliminate gives ATE the benefits of Virtual Classroom along with a managed learning environment. LMS allows teachers and instructors to author new courses,

*reuse/update old courses and addition of other material like courses, tests, files etc, and can also host libraries, repositories, learning objects, Virtual Labs and other exams and assessments that can be custom created.*

*The required LMS makes it easier to invite students and teachers into the virtual classroom and has a powerful tool to administrate the users, divide them into logical groups and give them logical access rights in the learning environment and access to the virtual classroom, and will includes communication tools that allow students to communicate with peers and teachers in long term discussion to develop their knowledge over time*

*Teachers can give feedback to students work, and assign grades through the Hand in folder and other assessment and feedback functionalities. This functionality may be very useful for ATE as it plans to pull and provide students statistics reports to senior management, and the government.*

*Therefore whilst Elluminate acts as the virtual classroom tools, LMS would act as the platform that captures data of students attending the virtual classroom, or any other details such as duration of attendance, courses taken and grades.*

*The V.E.W module platform is held on remotely hosted central server with enterprise levels of infrastructure, security of data is assured. This eliminates the need to hold data locally, so the risk of data loss would be minimal. Data is further protected by encryption. Although band with synchronous communication. If the V.E.W module tools are used by online distance education in the 21st century makes covered all face to face communication and interaction techniques (e.g. visual synchronous communication like video conferencing), then the availability of the affective domain in distance learning and conventional education may be considered basically equivalent.*

**Table 1**  
**(Comparing V.E.W with available blended learning module):**

<i>Regular Blended learning</i>	<i>V.E.W blended learning</i>
<i>Adding creative techniques to some boring classroom environments</i>	<i>Adding creative techniques to all boring classroom environments</i>
<i>Tends to promote normal teacher lead interaction and engagement in normal way depends on the available teacher professionalism</i>	<i>Tends to promote teacher-learner interaction and engagement in new and exciting ways</i>
<i>Students cant access online feedback instantly</i>	<i>Students can access online feedback instantly</i>
<i>Some courses are in blended formats (E-learning) that allow students from remote raglans to access the same quality of education that they would.</i>	<i>All course are in online formats (E-learning and virtual learning) that allow students from remote regions to access the same quality of education that they would</i>
<i>Student sharing of personal work can only benefit in-class discussions</i>	<i>Not only student can sharing personal skills in-class discussion but they can enhance all that skills needed in virtual labs and scheduled workshop</i>
<i>In online chat rooms students can talk with guest speakers, or expertise out of boundaries</i>	<i>The V.E.W students module not only can talk with guest speakers, or expertise out of boundaries in online chat rooms but they can run complete interaction classroom with him</i>
<i>Websites be a place to send important messages and to keep the students aware of recently updated information</i>	<i>Websites be a place to send important messages and to keep the students aware of recently updated information</i>
<i>Blended Module students learn more effectively when more than one format is used to pass information</i>	<i>V.E.W Module students learn more effectively when more than one format is used to pass information in wide range of subjects because V.E.W Module covers all subjects electronically (E-learning &amp; Virtual learning).</i>
<i>The variety of blended learning Module is a beneficial tool to assist learning success in some subject</i>	<i>The widely variety of V.E.W learning Modules is a blended tool used to support distance learning success with highest performance</i>
<i>There are many learning styles be considered when an instructors is determining how to format a lesson plan for only E-learning classes</i>	<i>There are many learning styles be considered when an instructors is determining how to format a lesson plan for all V.E.W classes</i>
<i>In Blended learning (E-learning)classroom will allow professors or instructors to try to appeal to some styles of learning</i>	<i>In V.E.W learning (E-leaning)classroom will allow professors or instructors to try to appeal to most styles of learning</i>
<i>Teachers and students interacting via computers have little access to the body language, social subtext, and relational aspects tat available in face-to face environments so the teacher who using distance education has limited access to students emotional states and therefore has a limited ability to respond</i>	<i>In the V.E.W module the face to- face instruction that enables teachers to identify students attitudes and emotional states and to adjust the instruction accordingly it is available now by using video virtual classes</i>

**7- Challenge to the effectiveness of the QA and Quality Assessment may be external or internal.**

**The customer-first philosophy demands a working customer focus and strategy that continually feeds customer requirement into the system. The system responds with activities that promotes customer satisfaction**

***V.E.W learning techniques Enable students from remote geographical regions to access higher education more easily with staying in home***

***V.E.W learning techniques Enable students to contact experts in their own and other counties for advice on academic questions and problems***

***V.E.W learning techniques Developing employability skills such as teamwork, problem-solving, self-learning capability, presentation skills, etc.***

***V.E.W learning techniques developing independent learning approach in higher education and development training.***

***V.E.W learning techniques developing a more collaborative and less individual approach to learning***

***V.E.W learning techniques enable more effective and systematic feed-back from students on quality of learning and teaching***

***V.E.W learning techniques expand the range of sources of information and knowledge available to students***

***V.E.W learning techniques encourage students to participate in university or institute activities within local communities***

***V.E.W learning techniques allowing graduates easier access to continuous professional development programs***

***Learning by V.E.W learning module isn't heavy and doesn't induce a lot of pressure***

***The V.E.W learning module is effective in enhancing team-working abilities***

***The V.E.W learning module is effective approach to make education and career development available to a large scale population***

***V.E.W learning module enhances ability to link theory to practice and hands on training.***

***V.E.W learning module recover the communication skills, oral communication Report writing and presentation skills***

***V.E.W learning module achieve hands on, good knowledge skills, time management skills and judgment Discipline.***

***V.E.W learning module cover all teaching skills techniques***

***V.E.W learning module enhance Interpersonal skills like Ability to work in teams leadership, Independent thinking, Motivation and Reliability Appreciation of ethical values***

***Implementing quality standard for V.E.W learning module will very important to make this module useful and eligible for population and govern body especially for accreditation***

***The V.E.W institution have to follow a lot of approaches and activities at several levels, in order to ensure the assessment and resulting improvement of student learning electronically (digitalizing assessments).***

*V.E.W universities or institutions should continuously help and support their students and employees*

*V.E.W universities or institutions should evaluate Cost, productivity, new materials new suppliers, new processes, new scheduling techniques periodically to accommodate volume and product mix changes, etc*

*V.E.W universities or institutions should train its employees is to help them to improve their performance and grow as individuals then it will meet its present and future goals in a timely and cost effective manner.*

*The information and Communications Technologies (ICT) is to help Higher Education students develop their knowledge and skills when using E-learning Virtual learning and the internet technology for studying and research.*

### **Part Three**

### **Recommendations**

*The main factor behind a successful V.E.W learning module techniques was the interest of individual teachers or trainers and often linked with their good use of technology to Improve learning in the classroom or workshop beside of strong support from top management with good resources for development and maintenance.*

*To make this module more success and effective the V.E.W institutions must have comprehensive formal quality assurance arrangements to confirm accuracy, relevance, currency, suitability, or usage.*

*One of the most advantages of V.E.W learning module is the lowest cost comparing with the other learning module (traditional or any current blended learning) so the Direct costs related with introducing and running a V.E.W learning module were not a particular concern for larger organization and those using systems freely available on the internet, However smaller institutions struggled with the costs of the routine maintenance of information technology systems*

*The introduction of V.E.W learning module is at an early stage in most contexts.*

*A great deal of development work is being carried out by individual institutions, local authorities associations, and learning and skills Councils. To continue our journey in term of learning any time anywhere no boundaries follows my recommendations...*

*V.E.W universities, institution, or any organizations used V.E.W learning techniques should:*

- 1. Continue in development of electronically-based learning materials, in particular to support courses.*

2. Review whether the planned process for evidence teachers, and trainers personal skills in information and communication technology for delivery of licensed practitioner status in the further education sector should cover the skills needed to develop and manage material on V.E.W learning module.
3. Continue of the funding of work-based learning E-learning VLE development (V.E.W learning) and share quality standards and approaches from current study.
4. develop specific V.E.W learning module strategies that identify senior management responsibilities
5. ensure that V.E.W learning module are designed to enhance learning and are not just a library or communication facility.
6. put in place quality assurance procedures that evaluate V.E.W learning module usage and set standards, but that also balance the need for individual ! staff responsibility for their own material with a requirement to ensure that widely available material is relevant, current, understandable to individuals, and suitable for the different institution, universities or training centers.
7. routinely conduct an assessment of the impact of V.E.W learning module on learners, outcomes
8. develop staff development systems where whole-institution events concentrate on understanding the potential benefits of the V.E.W learning module and sharing of good practice, as well as a general awareness of strategy, while skills needs are met on an individual basis.
9. in relation to design competence, further investigation will be required to show exactly which processes and abilities are the key to successfully adapting externally developed quality strategies that are already available. It can be assumed that a low level of design competence will mean that quality approaches are simply imported directly and not adapted independently, so that users are obliged to use what is offered. This will result in low levels of acceptance.
10. Arabian countries must develop a culture of quality in education and training in order to position it globally. From the strategic to the operational level, quality needs to become a feature of personal and organizational actions.
11. Quality development must become a core process of educational organization. This requires both comprehensive portfolios of tried and tested quality strategies and experiences, and carefully designed decision-making aids and implementation processes.
12. We must move away fro, unwieldy global designs to accurate "my quality" approaches which deliver V.E.W learning module.
13. Quality must play a key role in education policy. A culture of quality cannot be achieved without policy support and associated action program.

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