

LSIS Leadership in Technology (LIT) grant based intervention

Case study template

<p>Provider name & contact details</p>	<p>Lakes College Hallwood Road Lillyhall Business Park Workington Cumbria CA14 4JN 01946 839300</p>
<p>LIT Project title</p>	<p>Video Vending</p>
<p>Project summary :</p> <p>- Include the particular area for improvement that has been tackled through the effective deployment of technology</p>	<p>The project uses touch screen technology to allow learners to access high definition film clips in practical workshop environments. This will improve achievement rates by increasing the opportunities for learners to safely observe tutor demonstrations.</p>
<p>What were the aims of the project?</p>	<p>The aim of the project is to compile a library of HD video clips that are available in several Construction trade areas.</p>
<p>What did you do and how did you do this?</p>	<p>Initially the project was to install touch screen PCs in Plumbing and Brickwork. However the environment in the Brickwork workshop was deemed to be unsuitable for PCs of this nature. Advice from the College's Computer Services Department concluded that airborne particles of concrete and brick dust would severely damage the equipment and shorten the lifespan of the PCs to unacceptable levels and would represent poor value for money. Because of this, the PC was installed in the Painting and Decorating department. The departments had previously had some exposure to the project as the joinery department had been using the same</p>

<p>What role did your mentor play on your LIT project? What have been the key benefits from the input of your mentor?</p> <p>What was the benefit of the support that you received from your LSIS Associate?</p>	<p>technology for a few months prior to this project. The joinery staff had enjoyed using the resource and other departments were keen to use similar resources. This made it quite an easy task to involve staff in the project. Initially the staff's involvement was limited to appearing in the demonstrations, and training them on logical filing and accessing the files on the touch screen monitors. This is then cascaded to learners so they knew where the clips were filed and how to use the equipment. The next stage of the project involves staff working with their peers to record, edit and upload clips themselves. My role initially was to direct, record, edit and upload the clips of the tutors. I was helped in this when the College appointed a Learning Technologist who has expertise in editing and helped to make, edit and upload the recordings.</p> <p>Recordings were made and loaded on to the PCs to enable the students to access videos on demand. The project came about as the result of similar resources at Hugh Baird College. Once the equipment was being used, the involvement of the mentor was not required.</p> <p>LSIS Associate has been a good source of support to the project. Site visits have been undertaken and good communications have been maintained through email and the telephone. There has also been swift responses to specific requests throughout the project.</p>
<p>What has been the impact and benefit of the LIT capital grant to your project?</p>	<p>The capital grant has been absolutely essential to this project. As the College is facing financial pressure, projects of this type would not be entered into. Without the funding, Construction students would not have the opportunity to access these resources. The College serves a very large geographical area and public transport can make it difficult for students to attend or be late, this project enables them to have the same opportunities to witness practical demonstrations. The project has had a positive effect on staff and learners. In qualitative terms, the learners appear to be more confident. This is typical of lower ability learners who have benefitted from being able to access the clips and are more confident as they become more independent in their own learning. This has wider impact in terms of employability and life skills.</p>

<p>What did the project cost, including LSIS funding?</p>	<p>Initial project has cost £6,000. This includes the purchase and installation of the equipment and time spent completing, editing and uploading video clips</p>
<p>What has been the impact of your LIT project on your organisational improvement strategy?</p> <p>What were the benefits of your LIT project?</p> <p>What were the savings to your organisation?</p> <p>How did you calculate them?</p>	<p>The funding has given us the opportunity to provide technology for workshops which up until now has been outside the “classroom remit”. The success of the project can be evidenced by the College’s decision to introduce the same technology into other vocational areas.</p> <p>The College is also awaiting the installation of a media server. This will allow the clips to be made available to learners outside of the workshop environment and would be downloadable to learners own mobile devices. This could be by way of a video podcast that learners could subscribe to, synchronised with the scheme of learning, or downloadable on demand.</p> <p>This project has played a part in the methodology behind our Learning, Teaching and Assessment Strategy which is very much learner focussed, of which there are 8 aims . Examples Aim 2 to provide learning experiences that engage, extend and empower learners . Aim 8 to be innovative in developing our approaches to Learning, Teaching and Assessment.</p> <p>It is not possible to calculate accurate savings, there is a clear saving in the amount of time that has been freed up to allow tutors to assist all learners and ultimately maximise the chances of learners succeeding. Tutors feel that the time saved by not repeating demonstrations or by concentrating on a few learners would be around 15 minutes in every 1 hour workshop session. If the workshop was used for 4 hours a day on a typical 34 week course, this saving is around £850 per tutor. There are around 12 tutors who currently use the equipment, making an estimated saving of £10,200 over a full academic year. This uses a typical hourly rate of £100 for the tutor.</p>
<p>What were the lessons learned?</p> <p>What tips do you have for other</p>	<p>The project has proven to be successful. Learners enjoy the access to the clips. Tutors enjoy using the equipment as it allows them to “free up” time to support all students rather than spending significant amounts of time with only 1 or 2 students. It has proved to be an excellent resource for differentiation purposes as the slower learners are not disadvantaged.</p> <p>Other providers should think carefully about where to site the screens, some learners have been observed to situate</p>

<p>providers?</p> <p>How will you disseminate effective practice to others in the sector?</p>	<p>themselves close to the screens so they can stop and start the films after each element of a process. This is valuable to the learner, but there is a risk that the learner could watch.</p> <p>Project will be showcased through elearning communities.</p>
<p>Provide a quote on your experience of the LSIS LIT project.</p> <p>Are you happy for us to use this and your contact details for marketing and publications?</p>	<p>The LIT project has provided increased opportunities for all learners to learn and enhance their prospects for success.</p> <p>Yes</p>
<p>Contact details for further information</p>	<p>ChrisJ@lwc.ac.uk</p>

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