

2015-16 EDGE AWARD FOR PRACTICAL TEACHING AND PRACTICAL LEARNING

ROTHERHAM COLLEGE

Department of Media, Hair and Makeup

NHS MOULAGE* LINKS WITH SPECIAL EFFECTS

The Planning: Purpose and Process

- In 2013, the NHS was tasked with bridging the gap between academic training and professional practice and simulation was perceived to be the solution to this.
- As a result, the college established an innovative partnership with local NHS trusts to deliver enhanced simulation training involving Hair and Media Makeup students supporting the training of medical professionals. This required students to create the visual symptoms of medical conditions – whether they were injuries or diseases, to facilitate accurate diagnosis by trainee doctors.
- This was the first partnership of this kind in the UK and allowed students to participate in real and meaningful work experience and work related learning, enabling them to develop outstanding technical and professional skills whilst effectively preparing them for employment.
- Through this initiative, the college aimed to provide students with:
 - realistic work-experience to enhance employability skills so that they are more industry ready
 - opportunities for active involvement with successful outcomes in skills competitions
 - the tools to ensure that they were motivated, engaged and work-ready.

Planning into Practice

- The partnership with the NHS meant that students could develop a range of other skills including:
 - researching and creating moulage effects on the hi-tech manikins for medical scenarios devised by the Clinical Lead for A&E and Palliative care training sessions within a clinical simulation suite
 - working alongside medical professionals sharing skills and gaining new medical knowledge, ensuring work is anatomically correct and meeting realistic standards
 - their anatomical knowledge and terminology being developed and strengthened by networking with medical professionals.
- The programmes were practically based and took place in the purpose built Media Hair and Makeup rooms, on location at local schools and theatre productions, photo shoots, films and at the NHS simulation centre where students developed their moulage skills for injuries and illnesses to help train NHS staff.
- The partnership meant that students received realistic work experience to enhance employability skills in theatre and film productions and photoshoots which enabled them to be more industry ready. They worked with actors, directors and medics under pressure and received and gave constructive criticism.
- HE students and staff managed the planning, training and delivery of sessions within college and out in the NHS industry setting as well as mentored level 2 or 3 students via peer teaching and support to prepare them for working in the NHS and with NHS colleagues
- Students managed their own learning, which reinforced the importance of teamwork and peer support in both the special effects industry and the NHS.

Continuing Development

- The partnership has resulted in organising specific training events for NHS staff as well as promoting wider opportunities for individuals to learn these skills.
- Whilst still maintaining strong links with the NHS, the project has expanded since inception and students now have the opportunity to work with universities, medical conferences and paramedics and on discrete projects, such one regarding the Tour de France.
- Assessment practice is strong and promotes independence in students, enabling them to advance their skills and progress to the next level.
- There are outstanding links to other departments and the leadership and management is strong and promotes teamwork, diversity and continuous improvement.
- A 'Moulage for Manikins' programme was developed with the NHS which covers a range of scenarios including cyanosis, wounds, compact fractures and bruising and is delivered to NHS technicians by the media makeup students.

Outcomes/benefits to date

- The project started with 14 level 3 enrolments on the Hair and Makeup course in 2009/10, but this increased to over 80 enrolments in 2015/16 from level 2 up to level 5 (HND).
- Success rates in 2014/15 were 93% and 91% for levels 2 and 3 respectively and these are consistently above national averages quoted. In 2014/15, 86% of level 2 students and 70% of level 3 students progressed to another educational programme.
- Students are provided with industry work-experience whilst enriching their learning to meet the high demands of the industry, for example by taking part in over 50 productions in 2014/15. Working with actors, directors and medics has developed the students' self-confidence and professional resilience to deal with people at varying levels and roles in the work place.
- Two students delivered a 'Moulage for Manikins' workshop to delegates at a simulation conference at the University of Chester for which they won an award for the most inspiring workshop and several students were part of a production team who produced a 'Human Factors' educational film which is used within the NHS to train the medical profession.
- One student researched and developed a tonsillectomy prototype which is now used in medical training within the ENT/Otolaryngology NHS national recruitment day and another student was a finalist at the World Skills UK Media Makeup competition.
- There is a wider benefit to trainee medical professional and NHS apprentices who experience an enhanced realistic training scenario as a result of this initiative.
- The award money was used to send 46 students to take part in and create injuries for the London Fire Brigade's largest ever disaster training exercise in 2016. It was also used to enable the college to speak at the SIM Ghost/ASPiH conference in St George's Hospital in London and the ASPiH conference at the Leeds Beckett University. Furthermore, the college plans to deliver a skills showcase at World Skills UK at the Birmingham NEC which will also be facilitated with the award money.

Relevance and Replication

- The students are gaining exceptional employability, professional and personal experience such as; working and networking with medical professionals, design planning, costing out production and medical scenarios, managing budgets, developing teamwork skills, time management and communications skills.
- In 2016, the college was the only one in the UK to have this kind of partnership with the NHS clinical simulation department; this could be replicated nationally and the college is already sharing the initiative with other interested parties. Students and staff at medical conferences encourage simulation technicians to make links and partnerships with their local FE colleges.

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**Moulage (French: casting/moulding) is the art of applying mock injuries for the purpose of training Emergency Response Teams and other medical and military personnel.*