

## Courses in English Course Description

<b>Department</b>	05 Building Services Engineering, Paper and Packaging Technology and Print and Media Technology
<b>Course title</b>	<b>Ink, Paper and Pressure – Three Printing Technologies</b>
<b>Hours per week (SWS)</b>	3
<b>Number of ECTS credits</b>	6
<b>Course objective</b>	Students shall acquire a basic knowledge in three primary printing technologies – letterpress, lithographic and intaglio printing, with hands-on experience in each of these technologies.
<b>Prerequisites</b>	Knowledge of printing technologies
<b>Recommended reading</b>	None
<b>Teaching methods</b>	Work in small project groups to learn about these three printing technologies using letterpress, lithographic and intaglio printing presses and techniques.
<b>Assessment methods</b>	Term paper and project work
<b>Language of instruction</b>	English
<b>Name of lecturer</b>	Prof. Brian P. Lawler
<b>Email</b>	<a href="mailto:brian.lawler@hm.edu">brian.lawler@hm.edu</a>
<b>Link</b>	<a href="http://ww.pm.hm.edu">ww.pm.hm.edu</a>
<b>Course content</b>	This class will give students hands-on experience with letterpress printing, hand typesetting, press set-up and printing using letterpress machinery. Students will have the opportunity to work with metal type and the tools of letterpress printing. Lithographic printing will be explored and demonstrated to students, with the use of traditional (stone) and modern (aluminum) printing plates. Intaglio printing will be demonstrated using steel-die engraving with hand tools, and limited-edition printing on an intaglio printing press. Historic printing machines will be studied to see how printing technologies have evolved. Small scale printing projects will be done by students using traditional letterpress equipment.
<b>Remarks</b>	