

## Foundation Leather Technology – Online Agenda

Date	Session	1.5 hours (14.00-15.30 UK Time)
13.01.2021	1	Introduction to Study Processing Overview Supply Chain
20.01.2021	2	Skin Structure & Types
27.01.2021	3	Preservation
03.02.2021	4	Soaking & Liming
10.02.2021	5	Deliming, Bating, Pickling
17.02.2021	6	Tanning
24.02.2021	7	Tanning
03.03.2021	8	Intro to Post Tanning Processes (Mechanical Operations & Neutralisation)
10.03.2021	9	Post Tanning Operations (Retanning, Fatliquoring, Dyeing)
17.03.2021	10	Drying & Crust Operations – Introduction to Finishing.
24.03.2021	11	Leather Finishing
31.03.2021	12	Testing and Quality

- *This schedule is for indicative purposes only and may be subject to change Any changes will be given directly by the course tutor.*

For enquiries relating to the course please contact Marc Gummer:

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## Course Overview

Session	Topics covered
1	<p>Introduction to Study – format, expectations and topics of the course.</p> <p>Processing Overview – an overview of the stages in leathermaking from raw to finished leather.</p> <p>Supply Chain – exploration of the complexities of the leather supply chain.</p>
2	<p>Skin Structure – what are the important components to understand for leather making.</p> <p>Raw Material Types – a discussion of the different material types, what are the properties and characteristics of the various skins used in leather making.</p>
3	<p>Bacteria and Preservation – why do we need to preserve raw material and what are the methods used for preservation.</p>
4	<p>Soaking &amp; Liming – the early stages of processing. An overview of the soaking and liming processes.</p>
5	<p>Deliming, Bating, Pickling – a continuation of the processes in preparation for the tanning steps.</p>
6	<p>Tanning – general tanning types and properties. A look at chrome and other metal tanning agents.</p>
7	<p>Tanning – alternative tanning types including vegetable tannings and ‘wet white’ processes.</p>
8	<p>Intro to Post Tanning Processes (Mechanical Operations &amp; Neutralisation) – preparation for the post tanning steps including a discussion of the iso-electric point (IEP)</p>
9	<p>Post Tanning Operations (Retanning, Fatliquoring, Dyeing) – a look at the important post tanning processes.</p>
10	<p>Drying &amp; Crust Operations – a look at drying methods and their influence along with preparation for leather finishing and an introduction to finishing.</p>
11	<p>Leather Finishing – an overview of leather finishing and the leather finish types</p>
12	<p>Testing and Quality – the importance of leather specifications and testing to ensure leather is fit for purpose and safe.</p>