

Module Title:	Dermatology and Wound Healing
Language of Instruction:	English
Credits:	5
NFQ Level:	7
Module Delivered In	1 programme(s)
Teaching & Learning Strategies:	Lecture & Lab Practical
Module Aim:	A rudimentary knowledge of skin conditions and treatment of wounds by the pharmacy technician. Essential first-aid is included.
Learning Outcomes	
<i>On successful completion of this module the learner should be able to:</i>	
LO1	Familiarity with bacterial fungal and viral skin conditions
LO2	Basic understanding of skin solar attack and suncreening agents, dermatitis, erythoderma and allergic responses
LO3	Carry out injury assessment of skin wounds, take initial action and apply temporary treatment
Pre-requisite learning	
Module Recommendations <i>This is prior learning (or a practical skill) that is recommended before enrolment in this module.</i>	
No recommendations listed	
Incompatible Modules <i>These are modules which have learning outcomes that are too similar to the learning outcomes of this module.</i>	
No incompatible modules listed	
Co-requisite Modules	
No Co-requisite modules listed	
Requirements <i>This is prior learning (or a practical skill) that is mandatory before enrolment in this module is allowed.</i>	
No requirements listed	

Module Content & Assessment

Indicative Content

Structure of skin and hair

Basic structure of skin and hair. Sebaceous and sweat glands. Melanocytes and skin/hair pigmentation. Ethnicity and hair.

Sun and skin cancer

Topical carcinoma, melanoma. Sunscreens and ageing. UV light sources

Dermatitis & eczema

Common irritants and contact dermatitis. Psoriasis. Insect bites. Drug treatments.

Viral conditions

Molluscum contagiosum. HPV and other viral conditions. Common warts and their treatment.

Wound treatment

Dressings. Sterile powders. Antibacterials, sterilising agents including nanoparticles.

Assessment Breakdown	%
Continuous Assessment	50.00%
Project	30.00%
Practical	20.00%

Continuous Assessment

Assessment Type	Assessment Description	Outcome addressed	% of total	Assessment Date
Other	Development of a laboratory model of dermatitis. Study of fungal and/or viral skin conditions.		50.00	n/a

Project

Assessment Type	Assessment Description	Outcome addressed	% of total	Assessment Date
Project	Project	1,2	30.00	n/a

Practical

Assessment Type	Assessment Description	Outcome addressed	% of total	Assessment Date
Practical/Skills Evaluation	Production of sun-protection products in the practical sessions Preparation of simple wound-healing formulations in the laboratory	1,2,3	20.00	n/a

No End of Module Formal Examination

SETU Carlow Campus reserves the right to alter the nature and timings of assessment

Module Workload

Workload: Full Time		
<i>Workload Type</i>	<i>Frequency</i>	<i>Average Weekly Learner Workload</i>
Lecture	12 Weeks per Stage	1.50
Practicals	12 Weeks per Stage	0.50
Independent Learning	15 Weeks per Stage	6.67
Total Hours		124.00

Workload: Part Time		
<i>Workload Type</i>	<i>Frequency</i>	<i>Average Weekly Learner Workload</i>
Lecture	15 Weeks per Stage	1.50
Practicals	15 Weeks per Stage	0.50
Independent Learning	15 Weeks per Stage	2.00
Total Hours		60.00

Module Delivered In

Programme Code	Programme	Semester	Delivery
CW_SAPHF_D	Bachelor of Science in Pharmacy Technician Studies	2	Mandatory