

Course description in English language:

1. Course number Course Name, No. of Credit Hours
2. Course Description
3. Prerequisite(s)
4. Corequisite

❖ Punctuations:

(;) To separate within the course

(,) To separate within the same chapter.

(:) To be followed by items that belong to a main title.

(.) To end the short description.

A0161101 Arabic Communication Skills (3)

Language levels: phonological level, grammatical level, rhetorical level, orthographic level, comprehension and speaking; grammar exercises, nominal sentences, verbal sentences, kana and its sisters, Inna and its sisters, dual, masculine plural, feminine plural, indeclinable nouns, vocative, appositives; exercises in morphology, present participle and past participle; spelling and punctuation, dictionaries, listening and speaking.

Prerequisite: A0161100 Remedial Arabic.

A0161201 English Communication Skills (3)

Course Description: Grammar : question tags, present/future modals of possibility, futures overview, future continuous, future perfect, articles, adjectives, adverbs, if structures, expressing obligation, expressing ability, linking words of contrast; Vocabulary: family and non-family relationships, family birth order in relation to career choices and interests, making adjectives from nouns, work, 'after work' activities, old and new, films, film reviews, war, materials, risk, physical movements, free running, distances, dimensions; write an essay, notes, messages and a formal letter of application, use punctuation marks, capital letters and linking words properly, identify main ideas and details, guess the meaning of words from context, skim, scan for specific information and detail, make generalizations, see beyond the surface meaning, make inferences, identify opinion and attitude, make oral presentations, arguments and persuasive presentations, express agreement and disagreement, talk about future plans, make predictions, ask for someone's general opinion, ask for someone's specific opinion, present views and opinions, talk about materials, possession and inventions, pronounce words correctly, use proper intonation.

Prerequisite: A0161200 Remedial English.

A0161401 Military Sciences (3)

The establishment and development of the Hashemite Kingdom of Jordan; the history of the Arab Legion; peacekeeping troops; preparing the nation for defense and liberation.

Prerequisite: None

A0161301 National Education (3)

Concepts and terms; Geography of Jordan; contemporary political history of Jordan; Jordanian Society; Jordanian constitutional and democratic life; Jordanian national institutions; challenges facing Jordan; threats to civic life: fanaticism, extremism, terrorism, violence; corruption: definitions, types, causes, impact, and prevention.

Prerequisite: None.

A0161501 Islamic Culture (3)

Definition of the culture, characteristics of the Islamic culture, Islamic culture and other cultures; the sources of Islamic culture: The Holy Quran, Sunna, the Arabic language, history of Islam; fields of Islamic culture: faith, worship, morals; challenges facing the Islamic culture: orientalism, globalization, secularism; young people and the impacts of foreign cultures, women and Islam, Islam and terrorism.

Prerequisite: None

A0161701 History of Jordan and Palestine (3)

The geography of Jordan and Palestine; Jordan and Palestine in ancient times, general historical look; Jordan and Palestine in the Mamluki period; Jordan and Palestine during the First World War (1914- 1918); Emirate of East Jordan (Transjordan); constitutional and legislative life in Jordan; Palestine under the British Mandate and Jordanian-Palestinian relations.

Prerequisite: None

A0161703 Archeology & Tourism in Jordan (3)

Tourism definition; Classification of Tourism; The difference between tourist and other traveler's concepts, Travel types, The definition of Archaeology and archaeological sites; Archaeological surveys and excavations; Documentation; Jordan through the ages; Components of tourism in Jordan; Elements of tourist attractions in Jordan: Archeological sites, Natural sites, Natural reserves, Forests; Tourist movement and types in Jordan; Economical impact of tourism in Jordan.

Prerequisite: None

A0411601 Legal culture and Human Rights (3)

Identifying the basic concepts of human rights in an analytical way, and then realistic clarify of the international & regional means dealing with human rights such as treaties; recommendations and international organizations that are in the process of formation such imperative rules & customs ; This course also address the content of human rights: the rights of the first generation such as right of living, the second-generation rights such as the right to work, and third-generation rights such as the right of environment; This course deals with the international ways to protect human rights in general ; in addition this subject will study the Jordanian constitution in way of examine its application for the international standards.

Prerequisite: None

A0161901 Media and Public Relations (3)

The nexus between media and society in terms of the social, political, economic and cultural power of the media, the role of the media in giving people the opportunity to express their opinions and promote international relations. Communication and public relations: communication and its types, levels, forms, properties, fields, activities, physical and nonphysical (symbolic) environment, and obstacles to the communicative process. Public relations: its beginnings, development, principles, bases, importance, functions, planning, activities.

Prerequisite: None

A0181100 Physical and Health Education (3)

Defining health and fitness: physical education, health education; the cognitive, emotional, skill-oriented, and social goals of physical education; the history of physical education: ancient, medieval, and modern ages, the Olympics, Athletics in Jordan: nutrition and exercising; athletic injuries: bone, joint , muscle, skin injuries; special exercises for figure deformation; diseases related to lack of exercise: diabetes, obesity, being underweight, back pain, cancer; hooliganism: causes and recommended solutions for hooliganism.

Prerequisite: None

A0161801 Environmental and Public Safety (3)

Introduction: The concept of the environment, its laws and relation to other sciences, primary and secondary components, cycle of elements in the natural environment, environmental problems, pollution of the environment, the problem of the depletion of environmental resources, principles of public health and diseases: the concept of public health, pathogens, viruses, bacteria, parasites, fungi, insects; The environment and pathology: organic, genetic, reproductive and psychological pathology. Nutrition and public health: types of food, malnutrition diseases, undesirable eating habits; The environment and public health from an Islamic perspective: Quranic verses and sayings of the Prophet.

Prerequisite: None

A0111101 Mathematics (3)

Introduction to Calculus; The rate of change of a function; Limits; Derivatives of algebraic functions and their applications; Integration; Application of the definite integral.

Prerequisite: None

A0111201 General Physics (3)

Introduction to Physics; Measurement and standards; Physical quantities; Vectors; Addition and multiplication of vectors; Motion in straight line: displacement, velocity, acceleration, finding the motion of an object, free fall, and vertical jumping; Motion in two dimensions; Projectile in Biomechanics; Newton's laws: Static C.G., Levers in the body, muscles and, and jaws of animals; Collisions.

Prerequisite: None

A0341701 Computer Skills (Health) (3)

Topics in modern information technology: Emails and Internet Navigation; Social Networks; Image and Video editing; Context Management Systems; Useful Software applications on the cloud.

Prerequisite: A0331700 Remedial Computer Skills.

A0111301 General Chemistry (3)

Chemistry and the atomic/ molecular view of matter; scientific measurements; elements, compounds, and the periodic table; the mole and stoichiometry; molecular view of reactions in aqueous solutions: double-replacement reaction, redox reaction; the quantum mechanical atom: electron configuration, properties of elements; basics of chemical bonding: ionic bonds, covalent bonds, intermolecular forces; chemical kinetics: rates laws; acids and bases: strong acids, weak acids, buffers.

Corequisite: A0111302 Practical General Chemistry.

A1112103 Pathology (3)

Introduction; Fundamental principles of pathophysiology; Cell and tissue injury; Acute and chronic inflammation; Tissue regeneration and repair; Disease of immune system; General pathology of infectious diseases; Neoplasia and hemodynamic disturbances, selected organ-system pathological disorders.

Prerequisite: A1112204

A1111101 Anatomy & Histology (3)

General introduction and revision about the animal cell and cell division; Tissues of the body; Organization of the body; The cardiovascular system and the heart; Lymphatic system; Respiratory system; Digestive system; Urinary system; Male reproductive system; Female reproductive system; Nervous system; Musculo-skeletal system.

Prerequisite: A0111401 General Biology.

A0111401 General Biology (3)

Introduction: water and life; Macromolecules; The cell; Introduction to metabolism; Cellular respiration; DNA structure and replication; From gene to protein; cell cycle; Introduction to selected microorganisms (biodiversity), Phylogeny and the tree of life; Bacteria and archaea; Protists and fungi; Vascular plant and overview of animal diversity; animal tissues and systems.

Prerequisite: None

A0914501 First Aid (1)

Introduction to first aid; Patient assessment and cardiopulmonary resuscitation; Transport and moving the injured emergency respiratory wounds; Bleeding and trauma emergencies; esoteric injuries; Musculature and structural environmental emergencies.

Prerequisite: A1112103 Pathology

A1111601 Organic Chemistry (3)

Introduction to organic chemistry: Bonding: Polarity, Structural formulas, Isomerism, and Hybridization; Classification of organic compounds; Aliphatic compounds: Nomenclature and reactions, Alkanes, alkenes, alkynes, and cycloalkanes; Aromatic compounds; Alcohols; Ethers; Aldehydes; Ketones; Carboxylic acids; Esters; Acyl halides; Amides; Amines.

Prerequisite: A0111301 General Chemistry

A1112204 Physiology (3)

Introduction to human physiology, homeostasis and feedback mechanisms; Cell structure; Body fluids and membrane transport; Nervous system; Autonomic nervous system; Muscles; heart and circulation; Cardiac output and blood pressure; Respiratory system; Introduction to the immune system; special senses; endocrine system; digestive system; urinary system; male and female reproductive system.

Prerequisite: A1111101 Anatomy and Histology

A1142102 Physical Chemistry (2)

Physical chemistry covers the quantitative and theoretic principles of science as they apply to the cosmetic science. It covers the principles of solubility and stability, diffusion, interfacial phenomenon, rheology and coarse dispersions.

The basics of formulation development and delivery rely on the principles of physical chemistry. Finally, with this knowledge, the cosmetic science students is in better position to develop new formulations and cosmetic preparations forms.

Prerequisite: A0111301 General Chemistry

A1142105 Microbiology and sterilization for cosmetic (2)

Introduction: discovery of microorganisms, definition of microorganisms, bacterial morphology; Structures of microorganisms: bacteria, viruses, and fungi; Bacterial growth and environmental conditions influencing growth; Microbial genetics and mutagenesis; Biofilm formation and quorum sensing; Sterilization and disinfection; Bacterial metabolism; Host pathogen interaction; Mechanisms of pathogenesis; Common pathogenic microorganisms: spread, route of infection, symptoms, diagnosis and treatments. Bacteria as normal flora.

Prerequisite: A0111401 General Biology

A1142106 Practical Microbiology and sterilization for cosmetic (1)

Introduction in microbiology Lab & safety; Bacterial smear preparation & staining: simple stain, gram stain, spore and capsule staining, acid fast stain; Bacterial cultivation & types of media: Bacterial isolation technique: streak method, pour method, spread method; Cultivation of anaerobic bacteria; Biochemical for bacterial identification: coagulase, catalase, oxidase: Antibiotic susceptibility test; Bacterial counting; chemical test for antimicrobial activity; Methods of sterilization.

Corequisite: A1142105 Microbiology and Sterilization for Cosmetic.

Marketing and research methods for cosmetic products (3)

Foundation of Marketing; Marketing elements; Marketing Mix; Distribution and Promotion mix; Marketing strategy and plan; Selling skill for cosmetic representative with different kinds of customers; handling customer attitude; research methods for cosmetic products will also be covered.

Prerequisite: None

A1141102 Skin and hair biology(2)

The aim of the course is to familiarize the students with the basic subject of dermatology and the most common terminology. Students will be introduced the structure of the skin (basic anatomy and physiology), will have introduction to skin biology and cellular components of the skin, cell cycle, biology of keratinocytes and keratins, structure of melanocytes and biochemistry of melanization and epidermal glands and lipids layer. Details structure of nails.

Prerequisite: A0111401 General Biology.

A1141103 Practical Skin and hair biology(1)

Describe the general structure and components of skin different layers of the skin; Study the epidermis in details and identify its different components; Study the dermis in details and identify its different layers; Identify and describe the hypodermis and deep fascia; Study the structure of Nail; Study the structure of Hair; Skin Glands and Secretions; Skin role in material absorption.

Corequisite: A1141102 Skin and hair biology.

A1143205 Phyto and natural ingredients in cosmetics products

This course will help students understand topical drug delivery through natural cosmeceuticals, based on natural cosmetic ingredients, and the challenges of using it in a skin care regimen.

It will help in learning how to care for the skin from a holistic perspective, and choose the right ingredient, such as the safe use of volatile aromatic oils extracted from certain medicinal plants in soaps, scrubs, fragrances, or even in any spa treatment.

Prerequisite: A1142102 Physical Chemistry.

A1141101 Introduction to cosmetics, (1)

Definitions, history and evolution, introduction to cosmetic skin, hair, nail, dental and perfume preparations. Science behind cosmetics, natural cosmetics, cosmeceuticals, nutricosmetics & probiotics

Prerequisite: None



A1142201 Skin care products 1, (3)

This course will provide useful information about ingredients selection and formulation. It will cover ingredients that are able to provide protection such as protective and barrier creams, induce repair such as healing creams or modify the surface peeling and scrubbing products. Ways in which formulation can be optimized will also be addressed. Facial cleansers, tonic, moisturizers and their selection according to different types of skin will be covered. Day creams, Night creams, hand and body creams, gels, tonics and lotions will also be covered.

Prerequisite: A1142102 Physical Chemistry

A1142302 Practical Skin care products 1 (1)

This course will provide students with the basic knowledge and skills to formulate and compound the following cosmetic skin preparations: protective creams, peeling and scrubbing products, facial cleansers, cleansing creams, toners, moisturizers, day creams, night creams, hand and body creams and lotions.

Corequisite: A1142201 Skin care products 1

A1143201 Skin care products 2 (3)

This course will provide students with elements leading to the understanding that topically applied products can measurably, visibly and quickly affect the skin. Sunscreens, skin tanning, skin lightening, antiperspirants and deodorants will be addressed.

Prerequisite: A1142201 Skin care products 1.

A1143202 Practical Skin care products 2 (1)

This course will provide students with the basic knowledge and skills to formulate and compound the following preparations: sunscreens, skin tanning, skin lightening, antiperspirants and deodorants.

Corequisite: A1143201 Skin care products 2

A1143203 Hair and nail care products, (3)

This course provides a review of the chemical structure and morphology of human hair, followed by an analysis of the fundamental properties of human hair as related to cosmetic treatments. Subsequently, the basic science of shampoos, conditioners, styling products, hair colorants, waving and relaxing products, shaving and depilatories, hair loss treatments etc., will be thoroughly covered. In addition, for each product category a thorough review of the foremost raw materials presently used in the industry will be discussed. In this manner, you will quickly become familiar with the science of hair, products, properties, raw materials, and challenges related to the hair care cosmetic industry. Finally, at the end of the course a critical analysis of the methodology used for hair claim substantiation will also be addressed. An all-participants interactive session has been developed that is dedicated to the design of typical hair care products from the knowledge gained within the course. Cuticle remover, cuticle softener, nail bleach, nail varnish and varnish removers will also be covered.

Prerequisite: A1142102 Physical Chemistry

A1143204 Practical Hair and nail care products, (1)

This course will provide students with the basic knowledge and skills to formulate and compound the following preparations: shampoos, conditioners, styling products, hair colorants, waving and relaxing products, shaving, depilatories and hair loss treatments. The following nail products: cuticle remover, cuticle softener, nail bleach, nail varnish and varnish removers will also be covered.

Corequisite: A1143203 Hair and nail care products



A1143601 Oral care products, (2)

This course will provide all details of tooth anatomy, dental Caries and maintaining oral hygiene. Oral care products: toothpaste, mouthwash and teeth whitening ingredients and formulations will be covered.

A1143602 Perfumes and essential oils products, (2)

This course will provide all details of the olfactory organ; the odor detecting sense organ of the nose, origin of perfumes, odor classification, families, types, ingredients and formulation of perfumes will be covered. Essential oils and aromatherapy will also be discussed.

Prerequisite: A1142102

A1143703 Practical Perfumes and essential oils products, (1)

This course will provide students with the basic knowledge and skills to formulate and compound the following preparations: Parfum de toilette, Eau de toilette Eau de cologne, Splash cologne. Aromatherapy essential oils inhalation products, diffusers solutions and air fresheners will also be included.

Corequisite: perfumes and essential oils products.

A1143207 Cosmetic industry and Good Manufacturing Practices, (3)

This course will provide an in depth overview of Current Good Manufacturing Practices for personal care and cosmetic products industry. The course is designed to assist formulators, production personnel, quality control and assurance teams, and management understand GMP regulations. Through a review of each section of the Quality Systems Manual, students will gain insights to the processes affecting the writing, issuance and maintenance of SOPs and how they can affect day to day operations, including GMP requirements for facilities, personnel training, equipment qualification activities, process validation, component and product specifications, packaging and labeling controls, laboratory activities, warehousing and shipping monitoring, the importance of process water system validation and care, complaints and recalls.

Prerequisite: A1143203 Hair and nail products

A1143101 Dermal therapeutics (3)

This course is designed to manage common skin, hair and nail conditions. Students will learn about the disease symptoms and clinical manifestation, relevant investigation and details about the managements for acne and different types of skin infection, rosacea, eczema, psoriasis, pigmentation through drug rashes, hair loss, and sexual transmitted diseases.

Prerequisite: A1142201 Skin products 1

A1144101 Dermal toxicology (3)

The overall objective is to provide an introductory overview of the field of toxicology covering the basic principles, target organ toxicity, the toxicity of a limited group of compounds targeting the skin, and treatment. The principal learning objective is for the students to gain familiarity with basic building blocks of toxicology, to enable them to subsequently build a more detailed knowledge of those particular aspects of toxicology that are relevant to dermal toxicity. Allergic and immunological toxic reactions will also be covered.

Prerequisite: A1143101 Dermal therapeutics

A1142101 Pharmacology for cosmetic dermatology science (3)

This course is intensive detailed information about cosmetic science medication:

Retinoids; Cosmeceutical Vitamins: Vitamin E, Vitamin C, Vitamin B ;Physiologic Lipids for Barrier Repair in Dermatology ;Cosmeceutical Botanicals; Cosmeceutical Metals ;Moisturizers Function, Formulation and Clinical Applications ;Skin Lightening Agents ; Exfoliant ; Peptides and Proteins ;Nutritional Antioxidants ;Endogenous Growth Factors as Cosmeceuticals ;Sunscreens ;Cosmeceuticals and Contact Dermatitis.

Prerequisite: A1112103 Pathology

A1142104 Hair, Nail & skin diseases and disturbances (3)

Hair ,Nail & skin Anatomy and Physiology ;Signs and symptoms of Hair ,Nail & skin disease ,Nail Signs, Nail Signs of Systemic Diseases and Drug-induced Nail changes ; hair& Nail Disorders Due to Dermatological Diseases, Hair, Nail &skin Disorders Due to Environmental and Cosmetic Causes and Auto-induced Disease ,Common Diseases of the Toenails; occupational dermatology disease ;genodermatosis; skin &scalp infection and Infective Nail Disorders; skin& nails tumors and cancer ; Medical and Cosmetic Treatments for Hair ,nail& skin Diseases.

Prerequisite: A1112103 Pathology

A1144401 Updated technology in cosmetic dermatology (3)

This course describes the role of technology in cosmetic dermatology:

Ablative Laser Skin Resurfacing ; ultrasound application in cosmetic dermatology; radiofrequency devices ; hair removal machines ; hair transplantation machines ; tattoo and pigmentation removal machines; Tissue tightening technologies, cryolipolysis ;biological therapies ,stem cell technology.

Prerequisite: A1143101 Dermal therapeutics (3)

A1144402 Updated technology in cosmetic dermatology treatment (2)

Botulinum Toxin, Indications, Botulinum Toxin Type A, Botulinum Toxin Type B, Contraindications, Complications and Adverse Reactions ; Injectable Fillers: Basics, Indications, Uses, Contraindications, Complications and Adverse Reactions; whitening medication ;rejuvenation Technologies and medication; mesotherapy topical and injectable ; fecal therapy: manual, device ; soft Tissue Augmentation.

Prerequisite: A1143201 Skin care products 2

A1144403 Phototherapy and laser for dermatological diseases (3)

Physics of light and laser, wavelength; history of phototherapy ;sun light effect ;Ablative Laser Skin Resurfacing ,Nonablative Laser Skin Resurfacing ,Carbon Dioxide Laser ,Erbium Q switch N.D yag laser ,eximer laser ,ultra violate A ,narrow band UV A , Intense Pulsed Light Source , Pulsed Dye Laser, Midinfrared Lasers ;Nonablative Radiofrequency Technology ; selective thermolysis; Adverse Effects and Complications .

Prerequisite: A1143201 Skin care products 2

A1142601 Beauty and nutrition (3)

Introduction, micronutrient ,Functional food and cells metabolism, lipid metabolism ; obesity complication and treatment ; cosmetherapeutical potential of common foods, diet and skin aging, vitamins in dermatology; supplement versus food; low risk hypocaloric diet ; ketogenic diet in dermatology ;food quality issues , pesticide residues, transgenic food, processing and preparation effects, individualizing food; future direction.

Prerequisite: A1142102 Physical Chemistry

A1144301 Anti-aging procedure and protocol (2)

Introduction :aging definition and mechanism: cellular level and molecular level, Inflammation role in aging ; assessing the Skin Care Regimen; Photoprotection and Systemic Antioxidants; Topical Pharmacological Agents with Anti-Aging Properties ; exercise for longevity ;Invasive Procedure: Visible Light Device &Lasers, RF for the Skin Rejuvenation, Resurfacing and Tightening ;Hormonal Therapies ; Telomere-Based Therapies, Stem Cells, ALT-711 ,brain exercise, tissue healing and aging ,Future Therapies.

Prerequisite: A1143101 Dermal therapeutics

A1143501 Cosmetic dermatology clinics management (1)

Introduction to medical management ; management of medical staff ; Medical Policies and management ; Medical economics, financial study and development, management of drugs and medication consumption and expenses ;information technology in medical management; dermatocosmically continues medical education.

Prerequisite: A1143205 Phyto and natural ingredients in cosmetics products

A1143502 Communication skills and counseling in cosmetology (2)

History and physical examination ; principles in psychology, dermatology psychological inflect, factitious dermatology, malingering ; pre procedure consultation ,patient medical background ;Patient Selection and Managing Patient under and over expectation ;Pretreatment Considerations, Postinjection Considerations ;communication skills, pediatric dermatology consultation , geriatric dermatology consultation; patient healthcare provider relationship; design making; media consultation ;medical ethics.

Prerequisite: A1142101 Pharmacology for cosmetic dermatology science

A1143301 Dermatology skin care and facial Cleansing (3)

Skin Structure; Cosmetics and Cosmetic Preparations: Basic Definitions ,Principles in the Preparation of Medical and Cosmetic Products ;Skin Moisture and Moisturizers;Skin Cleansing ;Creams and Liquid Emulsions for Facial Cleansing ;Facial Cleansing ; Exfoliation;Skin Aging and Its management ;Sun and the skin Sunscreens ,photoprotection and Mechanisms of Action ;Inflammation, Dermatitis, and Cosmetics; Chemical Peels ; Microdermabrasion ,Dermabrasion ; Retinoic Acid ,Hydroxy Acids and Polyhydroxy Acids ;Bleaching and Bleaching Preparations;Astringents ;Preparations Used in Dermatology ;Mesootherapy ; approach to Applying Cosmetic Preparations to the Face,Neck and body

Prerequisite: A1143201 Skin care products 2

A1143302 Dermatology skin care and facial cleansing - practical (2)

Patient Clinical Assessment (Clinically on patient). Skin Types, Differentiation Dermatological and Facial Wise (Clinically on patient). Treatment and Evaluation of Oily Skin, Mixed Skin, Inflamed Skin, Skin with Systemic disease (Clinically on patient). Clinical Correlation between Facial Treatment and Chronic Dermatological Disease (Clinically on patient).

Corequisite: A1143301 Dermatology skin care and facial cleansing

A1144502 Dermatology Case study in skin,hair and nails diseases (2)

Epidemiology of different dermatology disease ;Measurement of frequency;Place Distribution;Source Of Epidemiology Data;Epidemiological Studies;Retrospective Study; Cohort Studies;Methods Of Presentation; ;Mathematical Presentation; Sampling ,Cluster Sampling;Mortality rates;Time;Definition Of Statistics; Graphical Presentation;clinical study in prevalence of dermatology treatments side effect and complication; prognosis methods .



Prerequisite: A1143201 Skin care products 2
A1143203 Hair and nail care products

A1144503 Dermatology Case study in skin, hair and nails diseases – practical (1)

Patient Clinical Assessment (Clinically on patient). Skin Types and Differentiation Dermatological and Facial Wise (Clinically on patient). Treatment and Evaluation of Oily Skin, Mixed Skin, Inflamed Skin, Skin with Systemic disease (Clinically on patient). Clinical Correlation between Facial Treatment and Chronic Dermatological Disease (Clinically on patient) Facial Treatment; Facial related anatomy / Analysis, Skin conditions and types, Benefits of a facial, Product knowledge. Health and safety implications. Facial Techniques. Cleanse, Tone, Steam, Extract. Facial Technique Massage. Dermal infusion/ Hydro dermabrasion skin treatments (**Silkpeel**). Facial Mask, Moisturize & Eye Care (Clinically on patient). Post Procedure Care (Clinically on patient). Practical demonstration (Clinically on patient). Hands-on practical (Clinically on patient)

Corequisite: A1144502 Dermatology Case study in skin, hair and nails diseases

A1144201 Cosmetic profession ethics and regulations (2)

Introduction; Ethics and laws regulating the Cosmetic profession practice in Jordan. International cosmetic organizations.

Prerequisite: A1143202 Practical Skin care products 2

A0161100 Remedial Arabic Language (3)

The concept of language and its levels, comprehension and speaking; grammar exercises; nominal sentences, verbal sentences, kana and its sisters, inna and its sisters, masculine plural, feminine plural, singular, dual, numbers, appositives; punctuation marks, exercises in morphology (present and past participles); spelling issues (Hamza/glottal stop writing): conjunctive Hamza (Hamza was) and Hamza cat', alef following group waw, *alif layyinah* ('flexible alif') and nunation (tanwin).

A0161200 Remedial English Language (3)

Grammar: auxiliary verbs, present simple, present continuous, past simple, past continuous, future forms for personal plans, present perfect simple, present perfect continuous, past perfect simple; vocabulary: friendship, relationships, using a computer, quiz shows, T.V programs, newspapers, houses, adjectives describing places, compound nouns associated with appliances, spare time activities, the description of books and films, food, eating out, write a paragraph, distinguish between formal and informal letters, write informal emails, use punctuation marks, capital letters and linking words properly, identify main ideas and details, guess the meaning of words from context, skim, scan for specific information and detail, make generalizations, see beyond the surface meaning, make inferences, identify opinion and attitude, make oral presentations, arguments and persuasive presentations, express agreement and disagreement, make comparisons, narrate events, present views and opinions, make formal phone calls, recommend restaurants, pronounce words correctly, use proper intonation.

A0331700 Remedial Computer Skills (3)

Introduction to basic computer hardware and software; copyrights; Windows operating system; Microsoft Office: Word, Excel, Power point, Access; Introduction to Internet.