

# Fanshawe College Phase 19 Semester 1

## Dual Credit Course Descriptions

**Courses will run Thursdays Sept 24 2015 to Jan 14 2016 unless otherwise indicated on Application Form.**

### **PLUMBING –Tools & Piping Methods (PLUM-1022) London**

This course will provide an introduction to the student with various hand and power tools. The student will learn to join dissimilar materials while constructing piping projects displaying various drains, wastes, and vents and waterline applications.

### **SHEET METAL PRACTICAL (SHMT-1004) London**

This course will enable the student to gain an understanding of the purpose, construction and operating principles of developing fittings and products; selecting materials, calculating cut sizes, shaping metal to specified dimensions, joining and utilizing appropriate finishing procedures. Students will also set up and operate hand brakes, foot shears, power brakes, power shears, roll forming equipment, rotary bench machines, punching and notching equipment, slitting equipment, drill presses, rotary cutting equipment, power rolling equipment, abrasive and friction cutting equipment.

### **CHILD DEVELOPMENT (ECED-1050) London**

This course emphasizes child development as the foundation for the practice of early childhood education. It presents research and theories that enhance our understanding of how young children develop and learn, and inform observations and interactions with children.

### **CONSTRUCTION TOOLS (CONS-1002) London**

*In this course, students will study the proper maintenance and safe operation of carpentry hand tools, select and use portable power tools, including circular saws, sabre saws, reciprocating saws, drills (with stand for press), routers, planers, sanders, screwdrivers, and nailers. The selection and use of stationary woodworking equipment, such as table saws, radial arm saws, jointers, and thickness planers will also be taught.*

### **PARAMEDICS: Introduction to Emergency Services: Para medicine (PARA-1014) London**

In this course, students are taught by active duty Paramedics working for rural, urban and helicopter-based Emergency Medical Services (EMS). Students will receive an overview of Emergency Services with a focus on Para medicine and Emergency Medical Services. Students will learn through didactic and practical simulated education in the Paramedic lab and in the college ambulance(s). Students will be involved in a practical full day exercise with realistic simulation of a mass casualty incident involving active duty Police Officers, Fire Fighters, Paramedics and allied workers.

### **PRODUCTION TECHNIQUES (PHOT-1008) Digital Photography London**

Students will be introduced to the fundamentals of Photoshop as a tool to edit their images. The main focus will be learning how to manipulate, enhance and colour correct their images. Practical exercises will demonstrate skills learned in class. Students will learn to produce good quality black and white and colour digital images and prints.

### **PRACTICAL PHOTOGRAPHY (PHOT-1062) London**

This course is a practical introduction to small format digital camera techniques and colour and B/W printmaking. The emphasis will be on learning different camera settings to control exposure and image quality. This is a project course whereby students demonstrate practical camera skills, knowledge and photographic competency by submitting regularly scheduled (maximum of 10) photographic assignments. Students will also have the option of producing a first semester portfolio.

### **RADIO RULEZ! An Introduction to Radio Broadcasting (RADO-1039) London**

This course will introduce the student to the radio broadcasting industry with emphasis on various disciplines in a practical setting. Students will have the opportunity to work on one of Fanshawe College's radio stations.

### **CANADIAN CRIMINAL JUSTICE SYSTEM (PFLP-1002) London**

*Police, courts, and corrections, are the trinity that constitute the Canadian criminal justice system. This course will enable the student to understand the history, roles, and organization of the major criminal justice agencies in Canada as well as the process by which laws are made and enforced at the federal, provincial and municipal levels.*

### **CRIMINAL and CIVIL LAW (PFLP-3001) London**

This course examines the legislative and judicial basis of our criminal and civil law with detailed discussion of a variety of both civil and criminal law issues and topics. The course is lecture based with no prescribed text book. Consequently, the student will be required to develop note taking, legal research, organizational and analytical skills to identify, interpret and address legal issues from the viewpoint of both citizen and law enforcement officer. The student will interact with others in a study group and learn to contribute to and establish effective working relationships to achieve goals which are both personal and common to all group members.

### **ECE PERSONAL DEVELOPMENT (PSYC-1009) London**

This course will introduce the concepts of bias-free values and respect for diversity, as foundations for effective interpersonal relationships. Through this course, students will assess personal values and beliefs that influence attitudes towards and relationships with children, families and colleagues. Sensitive, effective and supportive communication methods will be identified and practiced within the classroom setting. Skills and attitudes required for collaborative professional interactions will be emphasized throughout.

### **INTRODUCTION TO APPAREL CONSTRUCTION (DESG-1077) Fashion Course London**

*In this course, the student is introduced to the fundamental skills of apparel construction. Professional standards are emphasized through the completion of samples and a final skirt garment giving the student a thorough basic foundation in apparel construction principles. Garments are constructed using industrial sewing and pressing equipment.*

### **TECHNICAL PRACTICES 1 (MOTP-1046-DC) Motive Power London**

*This course will provide an in-depth study related to fasteners, bearings, seals, sealants, oxy-acetylene heating and cutting, electric arc and MIG welding, heating, ventilation and air conditioning systems. Fluid Power Systems, Cabs and Controls Systems and Truck, Trailer and Articulating Coach Combinations are also part of this course study. Note, this must be taken with MOTP 1047.*

## **TECHNICAL PRACTICES 2 (MOTP-1047-DC) Motive Power London**

*This course will provide an in-depth study of the applied procedures related to fasteners, bearings, seals, sealants, oxy-acetylene heating and cutting, electric arc and MIG welding, heating, ventilation and air conditioning systems. Applied procedures related to fluid power systems, cabs and controls systems and truck, trailer and articulating coach combinations are also part of this course study. The student also learns to solve applied problems, perform laboratory experiments, write lab reports and analyze performance tests according to manufactures' recommendations. Note, this must be taken with MOTP 1046.*

## **WEB DESIGN INFO-1148 London**

*This course will focus on Web-based applications that are becoming prevalent due to the adoption of browser application interface and e-commerce strategies in the workplace. Students will learn to design and create customer-oriented Web sites, deploying the latest web standards. They will learn how to publish online and optimize a site including marketing.*

## **Child & Youth Care Practice 1 - (PSYC-1103) St Thomas (replaces PSYC 1090)**

This course will introduce students to the field of Child and Youth Care. Students will have a full understanding of the development of the profession and the importance of personal and professional growth. An overview of the role of the Child and Youth Care Practitioner will be covered as related to the CYC practice milieu. An introduction to ethics in the field of Child and Youth Care will be examined throughout the course using the Ethical and Professional Standards as well as the Ontario Association of Child and Youth Counsellors Code of Conduct. Students will be introduced to the Domains of Practice and the Elements of Performance related to each domain. Reflective practice and experiential learning will be discussed throughout the course.

## **Introduction to CUTTING & STYLING HAIR (AEST-1048-DC) Woodstock, Mitchell & ST Anne's SS Clinton TT**

*Upon successful completion of this course the student will be able to recommend and perform a basic layered and blunt haircut based on a client's hair texture, profile and body type to meet the client's specifications. The student will be able to recommend styling products as well as creatively style their hair using a variety of modern techniques including braiding and styling tools.*

## **FACIALS & MAKEUP (AEST-5005) Woodstock**

Upon successful completion of this course, the student will be able to perform proper client consultations. They will be able to perform a basic facial and recognize basic skin disorders. They will be able to distinguish between warm and cool skin tones. They will be able to recommend and apply appropriate foundation, eye, cheek, and lip colour as well as the knowledge of special occasion makeup, such as bridal, photographic and evening wear. They will be able to perform facial waxing services, such as eyebrows, lip, and chin.

## **PAINTING (ARTS-1079) REACH Centre Clinton (Tues)**

An introduction to the historical and modern perspective of first nation's arts. An overview of the symbolism, patterns, and stories told through aboriginal art will be covered. In addition, students will learn the fundamentals of design, composition and colour, materials and techniques to produce their own works of art. Course content will include lecture and demonstration, with a primary focus on practical exercises.

### **SCULPTURES (ARTS-1080) REACH Centre Clinton (Tues)**

Explore the world of 3D! Learn ancient and contemporary techniques for creating original objects in three dimensional space. This course will provide a general introduction to the carving of stone. You will develop a working knowledge of the material, the tools, safe handling issues and the methods used to complete a carving. Beginning with a study of the properties of the stone, you will produce a simple piece and progress to making an approved sculpture of your choice. The development of your own personal style will be encouraged.

### **ESTHETICS MAKE-UP ARTISTRY LEVEL 1 (AEST-1043) – Stratford St Michael’s SS TT**

Students will learn the fundamentals and theory of natural day, evening and bridal makeup applications. Learn how to analyze facial features and perform corrective make-up techniques. Emphasis is on practical demonstration and experience.

### **MANICURE PROFESSIONAL BASIC MANICURE/SPA MANICURE (AEST-1040) London**

Students will learn the anatomy and physiology of the hand and arm, sanitization and sterilization. With professional conduct how to perform a basic and spa manicure, with proper cuticle care, clipping and filing. Learn applications of hand treatments such as paraffin, exfoliation and mask. Various polishing techniques such as French and American manicure will be demonstrated.

### **Avionics Tools and Procedures (AVIA-1049) London Jazz Hangar**

This course is the study of general tools and tools specific to aviation and how they are safely used on the materials of the aircraft industry.

### **Food Service Worker Food Preparation and Service –FDMG-1058 ST Thomas**

Discusses food preparation and service procedures required for an efficient and effective food service operation. Students are introduced to the basic principles of menu planning, standardized recipes, purchasing and receiving procedures, food production systems, and food delivery systems.

### **Traditional Indigenous Knowledge-ABST-3002 London**

Students will engage directly with the traditional Indigenous knowledge of Southwestern Ontario through the words of local Elders and knowledgeable community members. Through exposure to traditional knowledge forms, which continue to guide Indigenous people both locally and globally, a sense of community and respect for culture and identity will be fostered. Originating largely through local community member input, this course will provide students with an experience of the interconnected circle that defines Indigenous knowledge. Students will be exposed to ancient philosophies that continue to guide local Indigenous groups through firsthand accounts and select literature. Students will be assisted in developing a deeper sense of the metaphysical foundation of Indigenous knowledge.

### **Human Body Structure and Function (HLTH-1095) Woodstock**

This course is designed to introduce the beginning support worker to the structure and basic function of the human body. Discussion will center on the normal and will include age related changes that occur through the lifespan. Medical terminology will be used throughout the course enabling the student to begin to develop a basic scientific vocabulary that will grow over time.

For more information on dual credits at Fanshawe College please contact Rob Peat Tel: 519-452 4430 ext. 4797 or [r\\_peat@fanshawec.ca](mailto:r_peat@fanshawec.ca)