

JEWL 1005 Gemmology 1

Utilizing complex theoretical knowledge and practical lab experience with gemmological instruments, students will learn to identify all the minerals and gems, in either rough and cut forms, which are commonly encountered in today's jewellery trade, including synthetics, imitations and organics.

JEWL 1006 Jewellery Appraisal

Jewellery appraisal is a complex field requiring knowledge of jewellery processes, gemstone identification, and market values. In this course students will practice the assessments required for making formal appraisals. How market values may influence an appraisal, and appraisal ethics will be introduced. Further specialized study and/or work experience will be required for those who wish to pursue this specialty career.

JEWL 1008 Diamond Grading

Utilizing gemstone identification skills developed in Gemmology 1, students will hone their ability to distinguish diamonds from other gemstones, and to grade them according to internationally recognized standards through individual and group assignments. Industry requirements for professional certification will be discussed.

JEWL 1009 Gemmology 2

This course continues the exploration of gemstones from Gemmology 1. The successful student will acquire the knowledge and attitudes necessary for accurate gemstone identification as well as skill in assessing their colour and quality. Industry ethics and professional requirements will be discussed.

PHY 1007 Physics

This course is designed to introduce the gemmology student to a basic knowledge of physics in relation to gem materials. Physics is extremely useful to the gemmologist as it explains many of the optical phenomena in gems, as well as providing knowledge that will assist in the interpretation of the results of many gemmological tests.

CHEM 1001 Chemistry

This course introduces the gemmology student to a basic knowledge of chemistry in relation to gem materials. Knowledge of chemistry is extremely useful to the gemmologist for identifying the suitability of various gem materials for specific uses. It also assists with an understanding of the theoretical basis for many gemmological tests and the interpretation of testing results.

JEWL 1047 Jewellery as an Industry

Students acquire an overview of the jewellery industry and its materials and processes through lectures, research and guest speakers. Students explore the diverse aspects of the jewellery industry, its products and career opportunities.

GHUM 1023 History of Jewellery and Gemstones

Body adornment has played a key role in cultures around the world and throughout time. This course is a survey of the history of jewellery and gemstones in their social and historical contexts.

STS 1037 Career Planning & Development

This course enables students to define their career goals, develop a practical career plan, acquire the knowledge and skills they need to job-hunt successfully, and recognize the importance of understanding employment trends.

COMP 1082 Computer Skills and Applications

This introduction to basic computer applications and the Internet in a Windows-based environment includes program and file management, using a Net browser and basic word processing, and spreadsheet operations. Prerequisite: none.