

types of natural gas compression units. Students will become skilled in correct procedures for preventive maintenance on auxiliary equipment. Prerequisites: Students must recognize the natural gas engine and understand overhaul procedures/or have equivalent work experience. Semester offered: Fall and Spring.

COMP-123 Natural Gas Electrical Diagnostics 3 cr.
Study of techniques and procedures to correctly troubleshoot and diagnose electrical problems associated with natural gas compression. Safety will be strictly enforced. Prerequisites: Students must recognize the natural gas engine and understand overhaul procedures/or have equivalent work experience. Semester offered: Fall and Spring.

COMP-124 Natural Gas Engine Troubleshooting 3 cr.
Develop knowledge and skills to effectively troubleshoot common problems associated with natural gas engines. Students will gain the knowledge needed to diagnose and repair problems associated with natural gas engines. Prerequisites: Working knowledge of natural gas engine theory and overhaul. Knowledge and skills in basic electrical diagnostics is essential to develop troubleshooting/or have equivalent work experience. Semester offered: Fall and Spring.

COMP-147 Intro to Natural Gas Engine and Combustion 2 cr.
Class will introduce students to internal combustion engines (natural gas), reciprocating and screw type compressors and formulas for calculating horsepower and cylinder gas volumes. Safety will be strictly enforced.

COMP-160 Ignition Systems 6 cr.
Learn how the different natural gas engine ignition systems operate and practice simple test procedures of diagnosing ignition problems. Prerequisites: Working knowledge of natural gas engine theory and overhaul/or have equivalent work experience. Semester offered: Fall and Spring.

COMP-180 Coop Work Experience 6 cr.
Studies natural gas compressor engine preventive maintenance and provides students with the techniques, skills and procedures to perform routine maintenance on natural gas compressor engines. Prerequisites: Student must have completed all 100 level program requirements, or equivalent work experience. Semesters offered: Fall, Spring, Summer.

COMP-218 VGF Technology 2 cr.
This course will assist students in developing knowledge of the VGF Waukesha and large horsepower natural gas fueled internal combustion engine.

COMP-230 Natural Gas Compression Theory 3 cr.
Students will become familiar with natural gas compressor theory and the proper procedures for operating and maintaining various types of natural gas compressors. Prerequisites: Basic college entry skills. Students must meet industry requirements of DOT medical exam, drug test, work steps and completion of entry level OSHA safety requirements. Additionally be able to understand and apply basic mathematic equations/or have equivalent work experience. Semester offered: Fall and Spring.

COMP-231 Natural Gas Compression Repair/Overhaul 3 cr.
Study of natural gas compressor repair and overhaul. Students will develop

skills and techniques for overhaul and repair of natural gas compressors as required by OEM. Prerequisites: Knowledge of the basic theories of natural gas compressor in order to disassemble and reassemble the natural gas compressor as demonstrated through course credits or work experience in this field. Semester offered: Fall and Spring.

COMP-235 Natural Gas Compression Preventive Maintenance 4 cr.
This course studies compressor preventive maintenance and provides students with the techniques, skills and procedures to adequately perform routine preventive maintenance on natural gas compressors. Prerequisites: Working knowledge of natural gas engine theory and overhaul/or have equivalent work experience. Semester offered: Fall and Spring.

COMP-236 Natural Gas Compression Troubleshooting 3 cr.
Students will gain techniques, skills and procedures to troubleshoot and diagnose common problems with natural gas compressors. Safety will be strictly enforced. Prerequisites: Working knowledge of natural gas engine theory and overhaul or equivalent work experience. Semester offered: Fall and Spring.

COMP-250 Natural Gas Compression Instrument and Control 3 cr.
Provide students with an introduction to basic uses of instrument and controls associated with natural gas compression. Prerequisites: Minimal work experience in natural gas industry is required to develop skill in instrumentation and controls or equivalent work experience. Semester offered: Fall and Spring.

COMP-280 Natural Gas Compression Coop Work Experience 6 cr.
This course studies compressor maintenance and provides students with the techniques, skills and procedures to adequately perform routine maintenance on natural gas compressors. Prerequisites: students must have completed all other program requirements before entering OJT or obtain equivalent work experience.

COMP-285 Nat Gas Comp Coop Work Experience II 15.5 cr.
Students will be employed by a company in the natural gas compression field which will provide relevant learning experiences that are directly related to the student's most recent classroom/laboratory experiences. The student will be supervised jointly by his/her employer and San Juan College personnel.

NAVAJO STUDIES

NAVA-111 Elementary Navajo I 4 cr.
The purpose of this beginning class is to develop listening, speaking, reading and writing skills to communicate at a basic level. The course will use a communicative approach to cover the fundamentals of basic vocabulary, grammar, conversations, and culture. Prerequisites: APEN 40+ and APRD 39+ or permission of instructor. Semester offered: Fall, Spring, and Summer.

NAVA-112 Elementary Navajo II 4 cr.
Continuation of NAVA 111. Prerequisite: NAVA 111 or permission of instructor. Semester offered: Fall, Spring, and Summer.

NAVA-115 Reading and Writing Navajo 3 cr.
Application of the sounds of Navajo alphabet used as phonetic symbols

and blending of sounds into symbols to form words. Designed for those fluent in spoken Navajo but lacking skills in reading and writing the phonetically written language. Prerequisite: NAVA 112 or permission of instructor. Semester offered: On Demand.

NAVA-120 Intermediate Navajo 3 cr.
Conversation from suggested topics and discussions of current events are an integral part of the course. Primarily for native speakers who need to improve their communication skills. Prerequisite: NAVA 112 or permission of instructor. Semester offered: On Demand.

NAVA-261 Navajo Oral Tradition and Styles 3 cr.
Examines philosophical thoughts discussed by Navajo elders by listening to and analyzing various oral styles including storytelling, oratory, prayers, and lectures. English and Navajo instruction. Offered in collaboration with Dine College (NIS 261). Semester offered: Fall, Spring.

NAVAJO/NATIVE STUDIES

NNST-285 Capstone Project in NNST 1-4 cr.
Ties together the broad themes and issues addressed in the Native/Navajo Studies concentration. Students will either produce a substantial research paper or conduct an applied research/service learning project in collaboration with a native community. Research must be supervised by Native/Navajo Studies faculty. Required of all students who graduate with this concentration. Prerequisite: 12 credits under the Native/Navajo Studies concentration. Semester offered: Arranged.

NURSING

NURS-110 Nursing Concepts and Practice I 9 cr.
Introductory course to basic nursing concepts. The constructs that are woven throughout this course are stress and adaptation, caring and the eight core competencies of the Associate Degree nurse: professional behavior, communication, assessment, clinical decision making, caring interventions, teaching and learning, collaboration, and managing care. Clinical opportunities are designed to facilitate application of theoretical concepts through care of diverse populations in a variety of settings. Prerequisites: Admission to the Nursing Program, PSYC 120, BIOL 252. Corequisites: HLTH 118, BIOL 253. Semester Offered: Fall

NURS-113 Advanced Placement Credit Nursing 110 7-9 cr.
Allows the licensed practical nurse (LPN) or transfer nursing student to receive transfer credit hours for courses taken either in his/her practical nursing or associate degree/baccalaureate degree nursing program. Credit hours awarded will be determined by the nursing department administration based upon transcript evaluation and scores achieved in the Assessment Technologies Institute (ATI) RN content Mastery Series: Fundamentals of Nursing Practice.

NURS-130 Nursing Concepts and Practice II 8 cr.
This course introduces students to the specialized nursing care of pediatric and maternity clients and their families. The core constructs of the course are stress and adaptation, caring, and the eight competencies of Associate Degree nurses as they apply to this client population. The constructs and competencies are woven throughout the course

content. Clinical opportunities are designed to facilitate application of theoretical concepts through care of diverse populations of pediatric and maternity clients and their families in a variety of acute and community health care settings. Prerequisites: NURS 110, BIOL 253, HLTH 118. Corequisites: ENGL 111, PSYC 230. Semester Offered: Spring.

NURS-132 Advanced Placement Credit for Nursing 130 5-7 cr.
Allows the licensed practical nurse (LPN) or transfer nursing student to receive transfer credit hours for courses taken either in his/her practical nursing or associate degree/baccalaureate degree nursing program. Credit hours awarded will be determined by the nursing department administration based upon transcript evaluation and scores achieved in the Assessment Technologies Institute (ATI) RN Content Mastery Series: Nursing Care of Children and Maternal Newborn Nursing.

NURS-135 Nursing Externship 4 cr.
Optional clinical course in which students are assigned to a clinical unit at SJRMC for three eight-hour days or two 12-hour days per week. Students are partnered with one to three SJRMC nurses who have been especially chosen to assist students in their learning experience. Focus is to develop student competency by providing supervised patient care opportunities. Prerequisites: NURS 130, ENGL 111, PSYC 230. Semester offered: Summer.

NURS-205 Transition for Advanced Placement 1-6 cr.
This course is required for all LPN's/LVN's and appropriate transfer students. Content includes philosophy, theoretical constructs, outcomes of the nursing program, LPN to RN role transition within the context of stress and adaptation, caring and Associate Degree core competencies. Previous learning is evaluated. Prerequisites: PSYC 120, PSYC 230, BIOL 252, BIOL 253, HLTH 118, ENGL 111, BIOL 224 and elective. Corequisite: NURS 208, BIOL 224 and NURS 210. Semester offered: Fall.

NURS-208 Nursing Pharmacology 3 cr.
This course explores pharmacology as therapy to prevent, minimize and treat physiological and psychosocial client stressors and to promote client adaptation to those stressors. Course emphasizes the associate degree competencies of the nurse in assessment, clinical decision-making, caring interventions, teaching and learning, and managing care. Prerequisites: NURS 130, BIOL 224, PSYC 230, ENGL 111 and elective. Corequisites: ENGL 211 or 218 and NURS 210. Semester Offered: Fall.

NURS-210 Nursing Concepts and Practice III 9 cr.
Examines the client's stressors and adaptive mechanisms. Through use of communication skills, caring behavior, assessment, and clinical decision-making, the student assists the client in adaptation to mental and physical stressors. Prerequisites: NURS 130, BIOL 224, PSYC 230, ENGL 111, and elective. Corequisites: NURS 208, ENGL 218 or ENLG 211. Semester offered: - Fall.

NURS-220 Nursing Concepts and Practice IV 8 cr.
Continuation of NURS 210. Prepares the nursing student to integrate core constructs and eight competencies into conceptual mastery and clinical practice in nursing. These constructs and competencies are advanced to prepare the student as an entry level practitioner. Clinical