

NHTI, Concord's Community College

Academic Course Descriptions 2012-2013



31 College Drive | Concord, NH 03301

www.nhti.edu

Accounting

AC 101 Accounting I 3-0-3

An introduction to accounting procedures and principles covering the accounting cycle, accounting for a merchandising business, special journals, control over cash, receivables, and inventories. A grade of C- or higher must be achieved to continue with the next accounting course.

AC 102 Accounting II 3-0-3

A continuation of the fundamentals of accounting concepts and procedures, including the following topics: depreciation, payroll, notes payable, bonds, partnerships and corporations. A grade of C- or higher must be achieved to continue with the next accounting course. (Prerequisite: a grade of C- or better in AC 101)

AC 205 Intermediate Accounting I 4-0-4

A review of the overall accounting cycle, followed by an in-depth study of accounting concepts and FASB statements dealing with topics to include balance sheets, income statements, receivables, inventories, and cash flows. (Prerequisite: AC 102)

AC 206 Intermediate Accounting II 4-0-4

A study of accounting principles dealing with asset acquisition and retirements, long term investments, current and contingent liabilities, debt securities and equity securities, capital structure of corporations, revenue recognition, and leases. (Prerequisite: AC 205)

AC 230 Taxes 4-0-4

A study of the Internal Revenue Tax Code as it relates to individuals and small businesses. This course will include an examination of income recognition, deductions for and from AGI, tax credits, depreciation calculations and analysis of capital gains and losses. The student will apply this knowledge in preparation of income tax returns and related forms. (Prerequisite: AC 102 or permission of department head of Accounting)

AC 250 Cost Accounting 3-0-3

Provides cost accounting fundamentals including manufacturing statements, job cost systems, process cost systems, standard costs and cost analysis. (Prerequisite: AC 102)

Addiction Counseling

AD 115 Fundamentals of Criminal Justice-Oriented Addiction Treatment 3-0-3

The course will focus on those modalities of addiction treatment that are conducted with the criminal justice population. The student will be prepared for employment in diversion programs, drug courts, prison-based treatment programs, multiple offender programs, prison-based halfway houses, therapeutic communities, methadone maintenance and other detoxification programs. Appropriate interaction with criminal justice/addiction treatment personnel will enable the student to work cooperatively within their shared systems. The writing of assessment and

global individual service plans for use in course and mandated treatment will be studied. Patient monitoring and logical consequences methodology for clients will be learned. (Prerequisites: CJ 101, AD 120 and MH 187)

AD 120 Survey of Addictive Behaviors and Treatment 3-0-3

A study of addictive behaviors and treatment from a multi-modal presentation of historical, sociological, political and medical issues and their importance relative to the treatment of addictive behaviors in today's society.

AD 205 Fundamentals of Dependency Counseling Skills 3-0-3

This course includes a comprehensive and detailed study of application both in documentation and treatment of the 12 core functions. Emphasis will be on preparation for on-site practice and for eventual state and national licensure and certification. (Prerequisite: AD 120 or permission of department head of Human Service)

AD 215 Internship: Orientation to Addictive Behaviors Counseling with Criminal Justice Clients 2-8-4

This internship experience offers 30 hours of classroom-based clinical supervision in support of 125 hours of field work in an approved criminal justice addiction treatment setting. The student, supervised by a Licensed Alcohol and Drug counselor experienced in criminal justice treatment techniques will, through observation and actual clinical contact, practice the fundamental skills of counseling addictive behaviors with criminal justice clients. (Prerequisites: CJ 101, AD 120, MH 187, CJ 150, CJ 215 and AD 115, with a minimum combined GPA of 2.0)

AD 235 Physiology and Pharmacology of Addiction 3-0-3

An in-depth study of psychopharmacological aspects of drugs is covered including a study of brain and body drug metabolism, medical complications and the treatment of psychiatric disorders as outlined in the DSM-IV. Alcohol and drug detoxification and sobriety maintenance and practices will be addressed. (Prerequisite: BI 120 or permission of department head of Human Service)

AD 270 Advanced Seminar in Addictive Behaviors Counseling 3-0-3

A study of addictive behaviors counseling modalities and skills appropriate to the specific needs of varied client/patient populations in different treatment settings. Clinical case study will be directed toward familiarization with the process of state Licensed Alcohol and Drug Counseling (LADC) application, written case format submission, and the written and oral credentialing examinations. (Prerequisites: all AD courses; corequisite: AD 295)

AD 294 Internship I: Orientation to Addictive Behaviors Counseling* 2-12-6

The first internship experience offers 30 hours of classroom-based group clinical supervision in support of 180 hours of field work in an approved clinical setting. The student initially learns to integrate into an agency atmosphere within which they may research, observe, role-play and practice the fundamental skills of screening, intake, orientation,

DN 175 Dental Assisting Theory I 2-0-2

A course designed to teach the dental assisting student clinical techniques. Includes information on sterilization and disinfection techniques, charting, and the use of dental equipment and instruments. Students are introduced to four-handed chairside assisting as it pertains to all types of dental procedures including oral evacuation, instrument transfer, tray set-ups, and completing dental clinical records. Emphasis is placed on the dental health team concept. Ethics and jurisprudence will also be discussed.

DN 182 Office Procedures and Management with Computer Applications 1-0-1

Development of working knowledge of office procedures to include telephone techniques, appointment scheduling and filing systems. Lectures will include fundamentals of bookkeeping systems, prepaid dental care plans, payroll and inventory control. Information from lecture topics will be integrated into Dental Assisting Theory II with the use of specialized office management software. (Prerequisite: DN 110)

DN 191 Dental Assisting Clinical Experience I 0-4-1

Clinic sessions are coordinated with lectures in preclinical theory. Demonstration and practice of all procedures in simulated clinical situations.

DN 196 Dental Assisting Clinical Experience II 0-15-5

Experience in a dental office performing chair-side assisting, laboratory procedures, office procedures, and exposing, processing and mounting radiographs. (Prerequisites: DN 105, DN 110, DN 161, DN 175 and DN 191)

DN 201 Dental Hygiene III 2-1-2

Lectures in periodontology with emphasis on the hygienist's role in detection and treatment of periodontal disease. Techniques of patient evaluation, instrumentation and prevention are taught in lecture and implemented in the laboratory/clinic situation. (Prerequisites: DN 103, DN 114, DN 136, and DN 140)

DN 212 Clinical Dental Hygiene III 1-12-4

Practical application of dental hygiene theories and techniques with emphasis on individual patient's oral health needs and the further development of oral prophylactic and radiographic techniques, including the preparation of diagnostic aids and patient education. Students will gain experience through work in their on-campus clinical assignments. (Prerequisites: DN 114 and DN 201)

DN 221 Clinical Dental Hygiene IV 1-12-4

Practical application of dental hygiene theories and techniques with emphasis on individual patient's oral health needs and the further development of oral prophylactic and radiographic techniques, including the preparation of diagnostic aids and patient education. Students will gain experience through work in their on-campus clinical assignments. (Prerequisite: DN 212)

DN 225 Dental Hygiene Specialty Clinic 0-4-1

Practical application of dental hygiene theories and techniques with emphasis on the oral health needs of special patient populations. Students will gain experience in a

variety of educational and public health settings. (Prerequisites: DN 114 and DN 201)

DN 227 Dental Ethics and Jurisprudence 1-0-1

A study of the ethical and legal issues involved in dental care delivery as well as office management procedures.

DN 239 Medical Emergencies for the Dental Assistant 2-0-2

Identification of signs, symptoms and action recommended in emergencies encountered in the dental office. Students will actively participate in role playing each emergency situation. (Prerequisite: DN 110)

DN 242 Community Dental Health I 2-0-2

Students will gain information in dental public health. Emphasis is on planning, education, healthcare promotion, epidemiology, evidenced-based research, basic biostatistics, cultural competence, and healthcare financing. (Prerequisite: DN 201)

DN 243 Community Dental Health II 1-0-1

Students will implement the theory base from DN 242 into the spring semester with practical applications of the DN 242 course content. The course will entail completion of various projects and assignments with a community emphasis. (Prerequisites: DN 201, DN 212 and DN 242)

DN 245 Pain Management for the Dental Hygienist 1-3-2

This course will provide a comprehensive program of study designed to provide dental hygiene students with the knowledge and skills necessary to effectively administer block and infiltration anesthesia, as well as nitrous oxide sedation. The course will include classroom, laboratory and clinical instruction. Participants will work in groups of two or three and administer local anesthesia and nitrous oxide analgesia on each other. Upon successful completion of this course, and upon graduation, participants will have completed the educational requirements for local anesthesia and nitrous oxide licensure in New Hampshire. (Prerequisites: DN 100, DN 113, DN 103, DN 134, DN 136, DN 140, and DN 114)

DN 247 Dental Hygiene Science - Pharmacology 2-0-2

Pharmacology emphasizes the study of drug origins, properties, dosages, and therapeutic effects. Specific consideration is given to those drugs used in dentistry and anesthesiology. (Prerequisites: BI 195, BI 196 and BI 202 with minimum grades of "C" and DN 136)

DN 248 Dental Hygiene Science - Oral Pathology 2-0-2

Oral pathology includes the study of diseases affecting the oral cavity, manifestations of inflammation, degenerative changes, neoplastic disease, and anomalies. Oral pathology prepares the student to detect deviations from normal in the assessment of a client's systemic and oral health status and to make appropriate decisions regarding referral and treatment when needed. (Prerequisites: BI 195, BI 196 and BI 202 with minimum grades of "C" and DN 136)

DN 275 Dental Assisting Theory II 1-2-2

A course designed to introduce the dental advanced functions to dental assisting students. Includes instruction in

Artist Statement. The work from the Capstone Exhibition will also be included in the student's Program Exit Portfolio. The student will select a member of the Visual Arts faculty to oversee the student's capstone progress through weekly scheduled critiques, demonstrations, and discussions. Emphasis will be on the marriage of conceptual content with technical competence in the selected mediums.
(Prerequisite: Successful completion of 52 credit hours in the Visual Arts degree program and permission of the Department Head of the Visual Arts program)