

## MEMORANDUM OF UNDERSTANDING

2007 JAN 19 AM 10:33

BETWEEN

NSU REGISTRAR

**Northwestern State University**

and

**San Antonio College, San Antonio, Texas**

Northwestern State University (NSU) and San Antonio College (SAC) have agreed to enter into a Memorandum of Understanding for a 2+2 program between the two institutions. The 2+2 program will allow students to complete the Associates in Applied Sciences Mental health Technology Drug/Alcohol Abuse Counseling (major code #1538 – Specialty A) and transfer all credit hours applied to the Mental health Technology Drug/Alcohol Abuse Counseling as listed in Appendix A to Northwestern State University in partial fulfillment of degree requirements for the Bachelor of Sciences Degree in Addiction Studies.

This partnership is mutually beneficial to both institutions for several reasons. This arrangement will benefit the SAC students, traditional and nontraditional, by offering them an opportunity to continue their education after completing the AS degree at SAC with a university that will accept those credits.

Both Higher Education Institutions have full-time, tenure track faculty with advanced academic and field experience credentials.

Both institutions have extensive support resources (i.e., library, on-line access, service courses, and adequate administrative – faculty – staff backup).

NSU has excellent online capabilities and the administration and faculty are committed to making the Addiction Studies program available to nontraditional students through a combination of online, weekend, evening, and one-day a week courses.

NSU is currently an Approved Educational Provider (AEP – E077) by the Louisiana Department of Health and Hospitals Office for Addictive Disorders – Addictive Disorders Regulatory Authority.

In accordance with this Memorandum of Understanding, SAC agrees to:

Have SAC students who plan to transfer to NSU to complete a Bachelor Degree in Addiction Studies file and intent to transfer form with NSU to establish the catalog of record for their graduation from NSU.

Jointly with NSU, market the 2+2 Agreement to prospective Students.

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NSU REGISTRAR

Provide Information about the 2+2 Agreement in the SAC catalog.

Provide students the opportunity to obtain the SAC credit hours as listed in Appendix A of the Memorandum of Understanding between NSU and SAC.

In Accordance with this Memorandum of Understanding, Northwestern State University agrees to:

Accept SAC credit hours as listed in Appendix A of the Memorandum of Understanding between NSU and SAC. All courses that transfer in for Addiction Studies or Psychology courses must have a minimum grade of C.

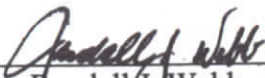
Along with SAC, jointly market the 2+2 Agreement.

Provide information about the 2+2 Agreement in the NSU catalog beginning 2007 - 2008.

Total hours required for the B.S. in Addiction Studies at NSU is 122 credit hours. With successfully completing the 2+2 agreement between SAC and NSU, a student will transfer in 62 hours and have 60 hours remaining to complete the degree. The courses in Appendix B that are highlighted in green reflect the courses that will be transferred from SAC to the NSU Addictions Studies degree as part of the 2+2 Agreement.

Online (internet) courses completed through NSU are not subject to out-of-state tuition fees.

By signature of President Randall J. Webb, Northwestern State University, and signature of President Robert Zeigler, San Antonio College in San Antonio, Texas, this 2 + 2 memorandum of Understanding is entered into on the 12 of December, 2006.

  
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Dr. Randall J. Webb

  
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Dr. Robert Zeigler

1/05/07  
\_\_\_\_\_  
Date

12/12/06  
\_\_\_\_\_  
Date

**Articulation Course Cross-Over;**  
**Northwestern State University and San Antonio College**  
**August 2006**

**Articulation Course Comparative Descriptions**

<b>Northwestern State University</b>		<b>San Antonio College</b>	
<b>Course Number</b>		<b>Course Title &amp; Description (hours)</b>	
Bachelor of Science in Addiction Studies (395) & Concentrations in Substance Abuse and/or Prevention		Associate Degree in Applied Science, Mental Health Technology & Drug/Alcohol Abuse Counseling Major Code 1538 - Specialty A	
<b>Northwestern State University</b>		<b>San Antonio College</b>	
<b>Course Number</b>		<b>Course Title &amp; Description (hours)</b>	

*This is a listing of courses and their descriptions within the Addictions Studies and Drug/Alcohol Abuse curriculum of NSU & San Antonio College.  
 Courses listed across from each other may not be directly correlating courses.*

<b>ENGLISH</b>		<b>ENGLISH</b>	
<b>ENGL 1010</b>	<b>Composition &amp; Rhetoric I (3)</b> The short paper, rhetoric, with emphasis on writing.	<b>ENGL 1301</b>	<b>Freshman Composition I (3)</b> A study of the principles of effective oral and written standard English expression. It emphasizes critical reading, the writing of expository prose, and the synthesis of sources in documented essays.
<b>ENGL 1020</b>	<b>Composition &amp; Rhetoric II (3)</b> Writing the longer paper; diction, style, analysis and interpretation of collateral readings leading to the composition of the research paper. Prerequisite: 1010.	<b>ENGL 1302</b>	<b>Freshman Composition II (3)</b> Builds upon the writing skills developed in ENGL 1301. It stresses critical, analytical skills through careful reading, analyzing literature for purpose and technique, and applying the principles of effective writing to the student's compositions. The reading includes poetry, drama, and narrative prose. The writing consists of analytical and critical essays, some of which require investigation of library materials and documentation.

<p><b>MATH 1020</b></p> <p><b>College Algebra (3)</b> A graphing treatment of the essential topics of college algebra with emphasis on functions, graphing, and applications. A graphing calculator will be required in the course. Prerequisite: A grade of C or better in Mathematics 0920. A student may be placed into this course with a sufficiently high score on mathematics portion of ACT, SAT or COMPASS exam.</p>	<p><b>MATH 1314</b></p>	<p><b>College Algebra (3)</b> Topics include functions, including algebra of functions, composites, inverses, graphs, remainder theorem, logarithmic and exponential functions, systems of equations using Cramer's Rule, matrices and determinants, Binomial Theorem, and arithmetic and geometric sequences and series with sigma notation.</p>
<p><b>MATH 1060</b></p> <p><b>Finite Mathematics (3)</b> Mathematics of finance, basic set theory, Venn diagrams, permutations, combinations, basic probability, probability distributions, descriptive and inferential statistics, normal curve. Prerequisite: 1020.</p>	<p><b>MATH 1324</b></p>	<p><b>Finite Mathematics (3)</b> This course is for business administration and economics students. Topics include combinatorial analysis, probability, matrix algebra, problem involving Baye's theorem, mathematical expectation, binomial probability distributions, linear programming by both graphical and simplex methods, normal distribution, Markov chains, and input-output theory.</p>
<p><b>MATH 1090</b></p> <p><b>Trigonometry (3)</b> Trigonometric functions; relations between functions; solution of triangles with applications to practical problems; trigonometric formulas and identities; radian measure; graphic representation of trigonometric functions; inverse trigonometric functions; trigonometric equation. Prerequisite: registration in or credit for 1020 or consent of department head. Credit not allowed in 1100 and 1020-1090.</p>		
<p><b>MATH 2010</b></p> <p><b>Survey of Calculus (3)</b> Basic concepts of calculus; applications in other disciplines. Credit not allowed in both 2010 and 2100. Prerequisite: 1020.</p>		
<p><b>MATH 1100</b></p> <p><b>Precalculus Mathematics (6)</b> An accelerated study of college algebra and college trigonometry topics from analytic geometry, the concept of function, and the construction and interpretation of graphs. Prerequisite: placement based on Mathematics section of ACT, SAT, or grade of C or higher in Mathematics 0920. Credit not allowed in this course and 1810, or 1020-1090.</p>		

<p><b>MATH 1810</b></p> <p><b>Technical Mathematics (6)</b>          Mathematics for Industrial Technology students. Graphical treatment of the concepts and applications of algebra, trigonometry, and statistics. Prerequisite: Placement based on mathematics score on ACT or SAT, or a grade of C or higher in 0920. Credit not allowed in this course and 1100 or 1020-1090.</p>		<p><b>LIBERAL ARTS MATH (3)</b>          This course is designed for non-mathematics and non-science majors who need three hours of mathematics for degree requirements. This course includes topics from logic, set theory, college level algebra, trigonometry and probability.</p>
	<p><b>MATH 1332</b></p>	

**NATURAL SCIENCES**

<p><b>SCI 1010</b></p> <p><b>Basic Concepts of Physical Science (3)</b>          Basic concepts of physics and chemistry (May not receive credit for both Science 1010 and Chemistry 1030 or 1070).</p>	<p><b>BIOL 1408</b></p>	<p><b>General Biology I (Non-Science majors) (4)</b>          Prerequisite: None          An investigation of the nature of science, the fundamental aspects of cell structure and function, ecology, evolution, energy transformation and genetics.</p>
<p><b>CHEM 1030</b></p> <p><b>General Chemistry (3)</b>          Atomic and molecular structure; chemical bonding; properties of gases, liquids and solids; chemistry of some non-metals. For students who plan to take 1040 and 2000- or 3000-level chemistry courses. Prerequisite: Placement in Mathematics 1020. (May not receive credit for both Chemistry 1030 and Science 1010).</p>	<p><b>CHEM 1311</b></p>	<p><b>General Chemistry (3)</b>          This course covers the fundamental principles of inorganic chemistry: modern atomic theory, chemical bonding, states of matter, solutions, stoichiometry, and other topics. This course is suitable for science majors.</p>
<p><b>CHEM 1070</b></p> <p><b>Introductory Chemistry (3)</b>          Principles of chemistry for students who plan to take 1080 as a terminal chemistry course. Topics include atomic and molecular structure, chemical bonding and properties of gases, liquids and solids. Prerequisite: placement in Mathematics 1020. (May not receive credit for both Chemistry 1070 and Science 1010).</p>	<p><b>CHEM 1305</b></p>	<p><b>Introductory Chemistry (3)</b>          This course provides an introduction to elementary inorganic chemistry and is suitable for non-science majors and students pursuing degrees in nursing.</p>

<b>BIOL 1010</b>	<b>Biological Principles (3)</b> Chemical basis of life: cell structure and specialization, cellular respiration, photosynthesis, patterns of inheritance, nature and action of genes, simplified classification and evolution of plants, and organismic processes. Prerequisite: registration in or credit for 1011. (Students may not receive credit for both Biology 1010 and Science 1020).		
<b>BIOL 1011</b>	<b>Biological Principles Lab (1)</b> Prerequisite: registration in or credit for 1010.		
<b>BIOL 1020</b>	<b>Biological Principles (3)</b> Principles of evolution theory and population genetics, development of embryonic organisms, simplified classification and evolution of animals, animal behavior and ecological principles. Prerequisite: registration in or credit for 1021; 1010-1011. (Students may not receive credit for both Biology 1020 and Science 2020).	<b>BIOL 1406</b>	<b>General Biology I (4)</b> This is an introductory course that includes the following topics: history and philosophy of the science of biology, basic chemistry, energy transformations, physical phenomena, genetics, evolution and ecology. This course is recommended only for science majors.
<b>BIOL 1021</b>	<b>Biological Principles Lab (1)</b> Prerequisite: registration in or credit for 1020.		
<b>ZOOL 1220</b>	<b>Human Anatomy (3)</b> Gross structure of the human body; clinical aspects. Prerequisite: registration in or credit for 1221.	<b>BIOL 2401</b>	<b>Human Anatomy and Physiology (4)</b> This course includes a study of the systems of the human body and principles of human physiology. The topics covered are: the cell, tissues, the skeletal, muscular and nervous systems, and the senses.
<b>ZOOL 1221</b>	<b>Human Anatomy Lab (1)</b> Prerequisite: registration in or credit for 1220.	<b>BIOL 2404</b>	<b>Human Anatomy and Physiology (4)</b> This course includes a study of the structure and function of the human body, including the neuroendocrine, integumentary, musculoskeletal, digestive, urinary, reproductive, respiratory, and circulatory systems. This course satisfies the requirement of human anatomy and physiology for paramedical technical curricula.
<b>ZOOL 1230</b>	<b>Human Physiology (3)</b> Function of the principal organ systems of the human body and their relationship to maintenance of homeostasis. Prerequisite: registration in or credit for 1220.		<i>BIOL 2401 &amp; BIOL 2404 MUST be taken in sequence, and can replace ZOOL 1220 &amp; 1221</i>
<b>ZOOL 1231</b>	<b>Human Physiology Lab (1)</b> Prerequisite: registration in or credit for 1230.		

**FINE ART**

**FINE ART ELECTIVES**

FA 1040	<p><b>Exploring the Arts (3)</b> The fine arts (music, visual art, drama, and dance) as they relate to the human experience. Related subjects such as film and architecture will also be discussed.</p>
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HUMA 1301	<p><b>The Humanistic Tradition (3)</b> This course is an interdisciplinary survey of the humanistic tradition from early times to the Byzantine Period (C.E. 500) from a global and multicultural perspective. The student will gain perspectives of the humanistic tradition by focusing on the creative legacies of early civilizations in Europe, the Americas, Africa and Asia: literature, philosophy, history, architecture, visual arts, music, and dance.</p>
HUMA 1302	<p><b>Humanistic Foundations of the Modern World (3)</b> This course is an interdisciplinary survey of the growth of civilization from the Byzantine period (C.E. 500) through the seventeenth century from a global and multicultural perspective. The student will gain a humanistic perspective of the world (Europe, the Americas, Africa and Asia) by focusing on literature, philosophy, history, architecture, visual arts, music, and dance of the period.</p>

**HUMANITIES**

ENGL 2050	<p><b>Major British Writers (3)</b> Works of the most significant writers in English literature. Prerequisite: 1020.</p>
ENGL 2060	<p><b>Major American Writers (3)</b> Works of the most significant writers in American literature. Prerequisite: 1020.</p>
ENGL 2070	<p><b>Major Writers in World Literature I (3)</b> Homer to Cervantes exclusive of English and American literature. Prerequisite: 1020.</p>

**HUMANITIES**

ENGL 2322	<p><b>British Literature: Beowulf through Neoclassicism (3)</b> This course is a study in chronological order of trends in British literature and writings of the principal authors from Beowulf to Burns with readings from an anthology supplemented by assigned library readings. It requires essays and orals reports. This is a writing intensive course.</p>
ENGL 2323	<p><b>British Literature: Romanticism to Present (3)</b> This course is a study in chronological order of trends in British literature and writings of the principal authors from Burns to the present with readings from an anthology supplemented by assigned library readings. It requires essays and orals reports. This is a writing intensive course.</p>
ENGL 2327	<p><b>American Literature: Colonial through Romantic (3)</b> This course is a study from Colonial times to the beginnings of realism, with emphasis on major literary figures in the nineteenth century. It examines narrative and expository prose, drama and poetry. It requires essays and orals reports. This is a writing intensive course.</p>
ENGL 2328	<p><b>American Literature: Realism to Present (3)</b> This course treats major writings and literary movements from the beginnings of realism to the present. It examines prose, poetry, and drama and requires essays and oral reports. This is a writing intensive course.</p>

ENGL 2080	<p><b>Major Writers in World Literature II (3)</b> Moliere through Solzhenitzen, including Goethe, Flaubert, Dostoyevsky, Camus and others. Prerequisite: 1020.</p>
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ENGL 3210	<b>Advanced Composition (3)</b> Forms of composition. Reading and analysis of non-fiction.		
ENGL 3230	<b>Technical Composition (3)</b> Form and techniques of writing for science, industry, and related fields.		
HIST 1010	<b>Early World Civilization (3)</b> Earliest cultures to 1648, contributions of the Romans and the Christian Church, feudalism and rise of national states, the Renaissance and Reformation.		
HIST 1020	<b>Modern World Civilization (3)</b> Since 1648: mid-19th century revolution; nationalism and political reorganization; social, economic and cultural developments, commercial rivalry and colonial expansion; the system of alliances, wars and readjustments.		
HIST 2010	<b>History of the United States I (3)</b> Colonial foundations; movement for independence; early years of the Republic; national growth and expansion; sectionalism and the Civil War.		
HIST 2020	<b>History of the United States II (3)</b> Reconstruction; industrial expansion and related problems; imperialism; World War I and aftermath; depression and New Deal; World War II; U.S. since the war.		
PHIL 1010	<b>Introduction to Philosophy (3)</b> Basic problems, arguments, and concepts of selected Western philosophers dealing with reality, knowledge, and moral values.	PHIL 1301	<b>Introduction to Philosophy (3)</b> This course is a theoretically diverse introduction to the systematic areas of philosophy and to the main problems of philosophy. These may include logic, the nature of reality, knowledge, ethics and morality and the philosophy of religion. This is a writing-intensive course.
PHIL 1020	<b>World Religions (3)</b> Doctrines, philosophies, and rituals of Hinduism, Buddhism, Taoism, Confucianism, Shinto, Judaism, Christianity, and Islam.	PHIL 2306	<b>Ethics (3)</b> This course examines the questions of morality from theoretically diverse perspectives and considers their application to moral and social issues, with an emphasis on moral reasoning and decision making. This is a Writing-Intensive (WI) course.



<b>COMM 1010</b>	<b>Fundamentals of Speech (3)</b> Development of desirable habits for normal speech situations; effective use of voice, oral language, and bodily actions; basic principles of speech composition. Open to all students, prerequisite to other speech courses. (formerly SPCH 1010).
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<b>SPCH 1311</b>	<b>Fundamentals of Speech (3)</b> This course aims at understanding and demonstrating the fundamentals of oral communication, participation in group situations, preparing, organizing, and delivering different types of speeches. The focus is on critical thinking skills and preparing and delivering different types of speeches.
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**SOCIAL & BEHAVIORAL SCIENCES**

<b>PSCI</b>	<b>Electives (6)</b>
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**SOCIAL & BEHAVIORAL SCIENCES**

<b>GOVT 2301</b>	<b>American Government (3)</b> Comparison of the Texas and U.S. Constitutions, federalism, citizenship, voting, and local government with emphasis on Texas. Credit in both Government 2301 and 2302 is necessary to satisfy the legislative requirement for graduation and these courses should be taken in numerical sequence. Government 2301 includes a study of both state and national constitutions, and fulfills the legislative requirement for U.S. and Texas constitutions.
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<b>HUMA 2319</b>	<b>American Minorities (3) - ELECTIVE</b> This course explores both the common and distinct cultural values of ethnic, linguistic, and racial minorities in American culture with particular emphasis on three dominant cultural groups in South Texas: African-Americans, German-Americans, and Mexican-Americans. Students will examine the role of minority culture in American society from historical, literary, and sociological perspectives, thus learning to engage in interdisciplinary inquiry.
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**HEALTH AND PERSONAL FITNESS**

<b>HED 1090</b>	<b>Personal and Community Health (3)</b> Basic health information for intelligent self-decisions regarding healthy behaviors; physiological and psychological effects of substances such as drugs, tobacco smoking, and alcohol; sexuality and other critical personal issues; psychosocial and environmental aspects of community health.
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**HEALTH AND PERSONAL FITNESS**

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<p><b>HED 1010</b></p>	<p><b>First Aid and CPR (2)</b> First aid measures for injuries and sudden illnesses; general safety education, accident causes and remedial action. CPR certification is available for students completing requirements.</p>	<p><b>KINE 1306</b></p> <p><b>First Aid - Responding to Emergencies (3)</b> This course is designed to provide the citizen responder with the knowledge and skills necessary in an emergency to help sustain life, reduce pain, and minimize the consequences of injury or sudden illness until professional medical help arrives. American Red Cross certification may be earned in first-aid responding to emergencies. This certification will include adult, infant and child cardiopulmonary resuscitation (CPR).</p> <p><b>Concepts of Physical Fitness and Wellness (3)</b> Concepts of Physical Fitness and Wellness is an introduction to core concepts through identifying individual current health and fitness levels, providing information to improve and maintain optimal health and fitness, and cultivating participation in an exercise and nutritional program. This course is designed to facilitate development of the physical fitness and wellness concepts necessary to achieve lifelong fitness and healthy behavior. Topics to be discussed include cardiovascular fitness and endurance, muscular strength and endurance, flexibility, body composition designing personalized fitness programs, nutrition, weight management, stress, cardiovascular health, cancer, substance use and abuse, sexually transmitted diseases, and wellness for life. This course contains an exercise component.</p>
<p><b>HP 1110</b></p>	<p><b>Personal Fitness - Lifetime Sports (2)</b> Taking control of personal health and lifestyle habits; implementing a physical fitness program, attention given to cardiorespiratory endurance, muscle strength and endurance, body composition, flexibility, nutrition and weight control.</p>	<p><b>KINE 1238</b></p>

**ORIENTATION - Waived if the student transfers in with 30 or more credits from another accredited Higher Educational Institution.**

<p><b>COMPUTER</b></p>		<p><b>COMPUTER LITERACY</b></p>	
<p><b>COMP 1020</b></p>	<p><b>Intro to Computer Applications (3)</b> This course is designed to assist students in preparing for the MOUS (Microsoft Office User Specialist) Core Certification in Word and PowerPoint. Attention is given to developing competency in computer related skills for academic applications. These skills include Windows, word processing, spreadsheets, and graphic presentation software. There are no prerequisites for this class.</p>	<p><b>COSC 1301</b></p>	<p><b>Computer Literacy (3)</b> This course is an introduction to personal computers for those with no previous computer background. Concepts will include systems software, word processing, spreadsheets, and databases. Additional computer-related topics to be discussed will include multimedia concepts and the Internet. Numerous computer lab assignments are required. This course may not be counted toward a major in Computer Science.</p>

CIS 1800	<p><b>Microcomputer Applications I (3)</b></p> <p>An introductory course focusing on the use of modern microcomputer applications and information technologies. Topics will include word processing, spreadsheet, structured programming, Internet usage, networking, multimedia, and current social issues related to computer technology.</p>		
SCSC 1810	<p><b>Microcomputer Applications I (3)</b></p> <p>A microcomputer software course introducing word processing, data base, and spread sheet fundamentals for academic applications.</p>		
	ITSC 1301	<p><b>Introduction to Computers (3)</b></p> <p>This is an overview of computer information systems. It introduces computer hardware, software, procedures, and human resources. It explores integration and application in business and other segments of society. Fundamentals of computer problem solving and programming may be discussed and applied. It examines applications and software relating to specific curricula area.</p>	

<b>ADDICTION STUDIES</b>		<b>DRUG/ALCOHOL ABUSE COUNSELING</b>	
<p><b>AS 1010</b></p> <p><b>Introduction to Addiction Disorders (3)</b></p> <p>Overview of the causes and consequences of addiction as they relate to the individual, family, community, and society are discussed. Response alternatives regarding intervention, treatment, education, and prevention are reviewed. Competencies and requirements for licensure/certification in Louisiana and Knowledge Skills and Attitudes of Professional Practice as described in Technical Assistance Publication Series (TAP) 21 are explained. Addiction issues related to diverse populations are presented. Prerequisite: PSYC 1010.</p>	DAAC 1319	<p><b>Intro to Alcohol and other Drug Addictions (3)</b></p> <p>This course discusses the causes and consequences of addiction as they relate to the individual, family, community, and society. Response alternatives regarding intervention, treatment, education, and prevention are reviewed. Competencies and requirements for licensure in Texas are explained. Addiction issues related to diverse populations are presented.</p>	

<p><b>AS 2050</b></p> <p><b>Family Dynamics (3)</b> An introduction to the family as a dynamic system focusing on the effects of addiction pertaining to family roles, rules, and behavior patterns. Discuss the impact of mood altering substances on the family and therapeutic alternatives as they relate to the family. Prerequisite: 1010</p>	<p><b>DAAC 1307</b></p>	<p><b>Addicted Family Intervention (3)</b> This course provides an introduction to the family as a dynamic system focusing on the effects of addiction pertaining to family roles, rules and behavior patterns. Discussion will include the impact of mood-altering substances and behaviors, and therapeutic alternatives as they relate to the family from a multicultural and transgenerational perspective.</p>
<p><b>AS 2430</b></p> <p><b>Screening and Assessment (3)</b> Examine the purpose of screening and assessment as well as screening and assessment processes, methods, and instruments. The importance of screening and assessment as the first stage of effective substance abuse treatment will be explored.</p>	<p><b>DAAC 1309</b></p>	<p><b>Assessment Skills of Alcohol &amp; Other Drug Addiction (3)</b> This course examines procedures by which a counselor/program identifies and evaluates an individual's strengths, weaknesses, problems, and needs which will be used in the development of a treatment plan. Prepares the student to appropriately explain assessment results and individual rights to clients.</p>
<p><b>AS 2450</b></p> <p><b>Case Management (3)</b> This course will provide an overview of the process involved in case management and the skills needed to effectively design and implement treatment plans with individuals who present with substance and behavioral addictions. Prerequisite: 1010.</p>	<p><b>DAAC 2272</b></p>	<p><b>Case Presentation Methods (2)</b> This course explores the requirements for the written case presentation and the oral examination as directed by the Texas Commission on Alcohol and Drug Abuse. Students will complete a written case presentation and review the oral examination pool of questions as they pertain to the substance-abusing client. Students will be introduced to the knowledge, skills and attitudes of the AOD Counselor.</p>

<p><b>AS 3010</b></p> <p><b>Addiction Counseling Skills (3)</b> A survey of the applications of psychological concepts and principles to counseling methods, competencies in Knowledge, Skills and Attitudes for the therapeutic treatment of psychological problems including addiction-related disorders. Emphasis on behavioral, cognitive, client-center, motivational interviewing, and psychoanalytic techniques of therapy. Prerequisite: 12 credit hours in Addiction Studies or consent of instructor.</p>	<p><b>DAAC 2271</b></p>	<p><b>Core Functions (2)</b> This course explores each of the 12 core functions and relating global criteria of the substance abuse counselor. Emphasis will be placed on the understanding of the core functions as they are used at the practicum site.</p>
<p><b>AS 3020</b></p> <p><b>Dynamics of Group Counseling (3)</b> An introduction to the patterns and dynamics of group interactions across the life span. Focus includes structure, types, stages, development, leadership, and therapeutic factors of group counseling. Effective group facilitation skills and techniques used to address special population issues and needs are covered.</p>		

AS 4040	<p><b>Special Populations (3)</b> Examines ethnic/cultural factors that may affect a person's attitudes toward alcohol and other drugs, pattern of substance abuse, reasons for seeking treatment, and responsiveness to various interventions. Prerequisite: 12 credit hours in Addiction Studies or consent of instructor.</p>		
AS 4450	<p><b>Co-occurring Disorders (3)</b> The treatment of co-existing chemical dependency and psychiatric disorders. Provides a framework for assessment and treatment and describes a range of effective counseling and motivational strategies. Prerequisite: 12 credit hours in psychology (including AS 4450) and/or Addiction Studies or consent of instructor.</p>		

AS 4500	<p><b>Pharmacology of Addiction (3)</b> Psychological, physiological, and sociological effects of mood altering substances and behaviors and their implications for the addiction process are discussed. Emphasis is placed on pharmacological effects of tolerance, cross addiction, dependency/withdrawal, and drug interaction. Prerequisite: PSYC 3010 and 9 hours in Psychology or Addiction Studies.</p>		
AS 4510	<p><b>Ethics for Addiction Professionals (3)</b> Learning about appropriate behavior and ethical/moral issues to be anticipated in all aspects of a practice as a substance abuse counselor. Including counseling, assessment, research and teaching. Prerequisite: 12 credit hours in Addiction Studies or consent of instructor.</p>		
<i>Correlation with NSU courses unknown</i>			

<p><b>DAAC 1317</b></p>	<p><b>Basic Counseling Skills (3)</b>  This course is designed to facilitate development of the basic communication skills necessary to develop and effective helping relationship with clients. The utilization of special skills to assist individuals, families, or groups in achieving objectives through exploration of a problem and its ramifications; examination of attitudes and feelings; consideration of alternative solutions; and decision making will be explored.</p>
<p><b>DAAC 1304</b></p>	<p><b>Pharmacology of Addiction (3)</b>  The psychological, physiological, and sociological effects of mood altering substances and behaviors, and their implications for the addiction process are discussed. Emphasis is placed on pharmacological effects of tolerance, dependency/withdrawal, cross addiction, and drug interaction.</p>

<p><b>DAAC 1311</b></p>	<p><b>Counseling Theories (3)</b>  This course provides an introduction to major theories of various treatment modalities, including Reality therapy, Psychodynamic, grief therapy, Client-centered therapy, Rational-Emotive Therapy, Cognitive-Behavioral approaches such as life skills training, and behavior modification. An introduction to experiential therapies as they relate to detoxification, residential, outpatient, and extended treatment will also be examined.</p>
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<p style="text-align: center;"><b>DAAC 1314</b></p>	<p><b>Dynamics of Group Counseling (3)</b>  This course provides an introduction to the patterns and dynamics of group interactions across the life span. Focus includes group therapy, structure, types, stages, development, leadership, therapeutic factors, the impact of groups on the individual, group growth, and behavior. Effective group facilitation skills and techniques used to address special populations; issues and needs are covered. Effective case management and record keeping is addressed.</p>
<p style="text-align: center;"><b>DAAC 1343</b></p>	<p><b>Current Issues (3)</b>  This course studies issues that impact addiction counseling. Topics of investigation will include special populations, dual diagnosis, ethics, gambling, and infectious diseases associated with addiction counseling.</p>

<p><b>DAAC 2166</b></p> <p><b>Alcohol &amp; Drug Abuse Counseling Practicum I (1)</b></p> <p>This course provides practical general training and experiences in the workplace. The college with the employer develops and documents an individualized plan for the student. The plan relates the workplace training and experiences to the student's general and technical course of study. Students enrolling in this course must also enroll in DAAC 2271. The guided external experiences must meet the guidelines set forth by the Texas Department of State Health Services (DSHS) for licensure as chemical dependency counselor. The student will be required to complete 150 clock hours of supervised work experience during the semester. This course partially fulfills the approved supervised field work practicum requirements specified for licensure by DSHS. The guided external experiences may be paid or unpaid.</p>	<p><b>DAAC 2167</b></p> <p>As a continuation of DAAC 2166, Practicum I, this course provides the student with practical general training and experiences in the workplace. The college with the employer develops and documents an individualized plan for the student. The plan relates the workplace training and experiences to the student's general and technical course of study. Students enrolling in this course must enroll in DAAC 2272. The guided external experiences must meet the guidelines set forth by the Texas Department of State Health Services for licensure as chemical dependency counselor. The student will be required to complete 150 clock hours of supervised work experience during the semester. This course partially fulfills the approved supervised fieldwork practicum requirements specified for licensure by DSHS. The guided external experiences may be paid or unpaid.</p>

PSYCHOLOGY

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PSYC 1010	<p><b>General Psychology (3)</b> Principles of psychology; human behavior; shaping of behavior and personality by interaction between individual and environment.</p>	PSYC 2301	<p><b>General Psychology (3)</b> This course examines the principles of behavior and variables that affect behavior. Topics such as history and systems, scientific method, the biological foundations of behavior, perception, learning, memory, motivation, emotion, development, and personality are studied.</p>
PSYC 2050	<p><b>Developmental Psychology (3)</b> Physical, mental, social and emotional development of the individual; understanding human dynamics with respect to self and others.</p>	PSYC 2314	<p><b>Lifespan Growth &amp; Development (3)</b> This course examines the physical, psychological, and social development of the individual from conception to death.</p>
PSYC 2430	<p><b>Introduction to Experimental Psychology (3)</b> History of experimental principles as applied to the basic processes of psychology; learning, perception, and motivation. Basic classical and modern experiments in psychology. Report writing in APA style and format. Prerequisite: 1010.</p>		
PSYC 3010	<p><b>Physiological Psychology (3)</b> Functional organic and biochemical factors as determinants of personality and behavior; emphasis on the nervous and endocrine systems.</p>		
PSYC 4400	<p><b>Statistics for Psychology (3)</b> Statistical procedures employed in the description and interpretation of psychological, educational, and behavioral research data and measurement.</p>		
PSYC 4450	<p><b>Abnormal Psychology (3)</b> Nature and etiology of common deviant mental and emotional conditions; potentials for rehabilitation, readjustment, and learning. Prerequisite: 12 hours of psychology for majors; consent of head of department for non-majors; 12 hours of psychology or consent of department head of graduate non-psychology major.</p>		
PSYC 4480	<p><b>Systems of Psychology (3)</b> Comparison, with some unifying reconciliation, of schools of psychology which represent major different approaches to the study of human behavior. Prerequisite: 12 hours of psychology.</p>		

PSYC 4700	<b>Seminar in Alcoholism (3)</b> Current scientific information, materials, and techniques for dealing with alcoholism. Prerequisite: 4450, 12 hours in psychology.		
PSYC	Elective	PSYC 2371	<b>Abnormal Psychology (3)</b> This course examines the symptoms, etiology, and treatment procedures of common functional and organic mental disorders and the psychological processes involved.
PSYC	Elective		