

West Hills College Coalinga

**Catalog
Addendum
2013-2015**



West Hills College Coalinga Catalog Addendum 2013-2015

West Hills College Coalinga

300 Cherry Lane
Coalinga, CA 93210
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North District Center, Firebaugh

1511 Ninth Street
Firebaugh, CA 93622
559.659.1473

www.westhillscollege.com

Vision Statement

West Hills College Coalinga is committed to a relentless pursuit of student success.

Mission Statement

West Hills College Coalinga is committed to Inspiring learners for success by ensuring students from diverse backgrounds have the opportunity to achieve their educational goals by providing transfer, career/technical, and basic skills programs, and lifelong learning. The college fosters its students' ability to think critically and creatively, communicate effectively, reason quantitatively to make analytical judgments, and understand and appreciate different points of view within a diverse community.

Goals

1. Improve success, retention and persistence of all students by improving transfer rates and the number of certificate and degree awarded.
2. Increase enrollment by recruiting students locally and internationally via responding directly to the current and projected demographic and global economic trends
3. Support and strengthen Career Technical Programs through research and sustained interaction with the business community.
4. Develop new and strengthen existing external collaborative relationships and partnerships.
5. Advance a learning college culture that promotes a passion for learning, builds leadership and civic engagement across all stakeholder groups.
6. Provide new and expanded opportunities for faculty and staff development which support an atmosphere of excellence in academics and student support services.

Accreditation

West Hills College Coalinga is accredited by the Accrediting Commission for Community and Junior Colleges of the Western Association of Schools and Colleges, 10 Commercial Boulevard, Suite 204, Novato, CA 94949, 415.506.0234, an institutional accrediting body recognized by the Council for Higher Education Accreditation and the U.S. Department of Education. This is an institutional accrediting body recognized by the Council on Postsecondary Accreditation and the U.S. Department of Education. It is listed in the Directory of the Western Association of Schools and Colleges and in the Accredited Institutions of Postsecondary Organizations, 1990-91, a publication of the American Council on Education.

West Hills College Coalinga is a member of the California Association of Community and Junior Colleges and the American Association of Community and Junior Colleges. The college is approved by the United States Immigration and Naturalization Service to accept international students.

West Hills Community College District

Board of Trustees

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Vice President — Nina Oxborrow
Clerk — Jack Minnite
Steve Cantu
Len Falter
Edna L. Ivans
Jeff Levinson

Administration

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Deputy Chancellor of Business Services — Ken Stoppenbrink
Vice Chancellor of Educational Services and Workforce Development — Dr. Stuart Van Horn
Associate Vice Chancellor, Academic and Information Services/Registrar — Keith Stearns
Associate Vice Chancellor of Education Services and Information Technology — Michelle Kozlowski

West Hills College Coalinga

Administration

President — Dr. Carole Goldsmith
Vice President of Student Services — Sandy McGlothlin
Vice President of Educational Services — Dr. Stephanie Droker
Interim Associate Dean of Educational Services - Robert Pimentel
Associate Dean of Student Services — Mark Gritton

North District Center

Interim Director - Dr. Bertha Felix-Mata

Academic Senate

President — Jeff Wanderer
Vice President — Jim Grant
Secretary — Brandy Wilds
Arts/Letters — Jim Grant
CTE — Anna-Lisa Little
Health Careers — Hector Dam-Mikkelsen
Science/Math/Kinesiology — Scott Wilson
Social Science — Kevin Wilds
Student Services Faculty — Erin Corea

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Admissions

Tuition and Fees

Enrollment Fees

California residents (per unit)	\$46
Class audit fee (per unit)	\$15

Non-resident fees and tuition:

Enrollment fees (per unit)	\$46
Tuition (per unit)	\$193
Capital outlay (per unit)	\$19
Total cost per unit for non-resident students' academic year 2014/15.....	\$258

International fees and tuition:

Enrollment fees (per unit)	\$46
Tuition (per unit)	\$193
Capital outlay (per unit)	\$19
Total cost per unit for international students academic year 2014/15	\$258
Non-refundable processing fee (per semester)	\$100
United States health insurance coverage is required (per semester)	\$1,066

Waivers available with proof of insurance submitted to West Hills Community College District, 9800 Cody Street, Coalinga, CA 93210. Contact the International Students Program at 5593.934.2432 for details or to enroll.

Other Costs or Fees

Residence hall rent	\$1,560 per semester**
Meal plan (19 meals/week)	\$2,343 per semester**
Housing Fees (Activity Fee, User Fee, ASB card)	\$85.50 per semester**
Parking	No charge

*** Students may be given a 15% discount upon signing and completing a one-year agreement.*

Transcripts

First two	No charge
More than two	\$2 each
Rush processing	\$10

Academics

Academic Standing

West Hills College Coalinga expects each student to maintain satisfactory progress either toward graduation or toward transfer to other institutions. A student's scholastic progress is considered satisfactory when he/she maintains at least a "C" (2.0) average and he/she is completing more than two thirds of his/her attempted units. Students are advised to seek assistance from a counselor at the first sign of academic challenges. (Board Policy 4250)

Probation

- A student is placed on academic probation if he or she has attempted 12.0 units and has a cumulative grade point average of less than 2.0.
- A student is placed on progress probation if he or she has enrolled in at least 12.0 units and the percentage of all units enrolled, including "W," "I," "NC," and "NP", reaches or exceeds 33%.
- A student's probation will be removed when their accumulated grade point average is 2.0 or higher and/or when the percentage of all attempted units drops below 33%.

Dismissal

- A student on academic probation will be subject to dismissal if the student has earned a cumulative grade point average of less than 1.75 in all units attempted for 3 consecutive semesters.
- A student on progress probation will be subject to dismissal if the student has a cumulative percentage of units enrolled that exceeds 33%, including "W," "I," "NC," and "NP", for 3 consecutive semesters.
- A student who has been dismissed has the right to appeal within 30 days of notification if verifiable facts exist that warrant an exception. Otherwise, the student may request reinstatement after one full academic year. Students must schedule an appointment for readmission with a counselor.

Academic Renewal Policy and Procedures

Academic renewal is a process by which students may have unsatisfactory grades removed from the grade point average calculation.

- The Academic Renewal Policy and Procedures agency shall be the Curriculum Academic Review Committee. The Curriculum Academic Review Committee will use multiple methods of assessment to determine eligibility for academic renewal and retain the right to reject any request determined by the committee to be without merit.
- Grades of D, F, and NP, not reflective of the student's present scholastic level of performance, may be alleviated and disregarded in the computation of grade point averages. When academic work is alleviated, the permanent record shall be appropriately annotated in a manner to ensure that all entries are legible and that a true and complete record is maintained.
- Up to 12 semester units of substandard (D, F, NP) course work at West Hills College Coalinga may be alleviated. However, courses which are required for a degree or certificate which has been granted may not be alleviated if the degree or certificate would not have been awarded without those courses.
- In the absence of serious extenuating circumstances, which may justify special consideration, the following three options shall be used to determine if a request for grade alleviation will be reviewed by the Curriculum Academic Review Committee:
- Since completion of the work to be alleviated, the student must have completed the minimum number units indicated in one of the three options listed below and earned a cumulative GPA for those units equal to or above that listed. A student is encouraged to use the option with the largest number of units when possible.
 - ◆ 24 semester units of course work with a GPA of 2.00 or
 - ◆ 18 semester units of course work with a GPA of 2.50 or
 - ◆ 12 semester units of course work with a GPA of 3.00

- The Curriculum Academic Review Committee will use the information obtained from the student's academic transcript as one of the multiple measures of assessment.
 - ◆ At least three years must have elapsed since the course work to be disregarded was recorded.
 - ◆ The student petitions in writing to the Curriculum Academic Review Committee stating the reasons for requesting academic renewal.
 - ◆ The student states in the petition the specific courses to be considered under the academic renewal policy.
 - ◆ The students must provide copies of transcripts from all institutions relevant to the petition.
 - ◆ Whenever possible, students should repeat courses for which substandard grades were earned rather than seek academic renewal.

Graduation Requirements

Associate in Arts Degree Requirements

I. Major Requirements

At least 18 semester units of study taken in a single discipline or related disciplines.

II. General Education Requirements

Area A. Language and Rationality (6 units)

These courses emphasize both the content and form of communication. They teach students the relationship of language to logic, as well as how to analyze, criticize, and advocate ideas, to reason deductively and inductively, and to reach sound conclusions. Courses fulfilling this requirement provide understanding of the psychological and social significance of communication, focus on communication from the rhetorical perspective, reasoning, advocacy, organization, accuracy; the discovery, critical evaluation and reporting of information; reading, listening, speaking, and writing effectively, provide active participation and practice in written and oral communication.

1. English and Composition (3 units)

___ English 1A

2. Analytical Thinking (3 units)

___ Math 1A, 1B, 2A, 2B, 10A, 10B, 15, 25, 45, 63

Area B. Natural Sciences (3 units for AA - 6 units for AS)

These courses impart knowledge about living and non-living systems, and mathematical concepts and quantitative reasoning with applications. Courses fulfilling this requirement promote understanding and appreciation of the methodologies and tools of science, emphasize the influence of scientific knowledge on the development of civilization, impart appreciation and understanding of basic concepts, not just skills and offer specific inquiry into mathematical concepts, quantitative reasoning and application;

___ Biology 10, 15, 32, 35, 38

___ Chemistry 1A, 1B, 2A, 2B

___ Crop Science 1

___ Geography 1

___ Geology 1, 3

___ Physical Science 1

___ Psychiatric Technician 12

___ Soil Science 21

Area C. Humanities (3 units)

These courses cultivate intellect, imagination, sensibility, and sensitivity. They encourage students to respond subjectively as well as objectively, and to develop a sense of the integrity of emotional and intellectual responses. Courses fulfilling this requirement study great work of the human imagination, increase awareness and appreciation of the traditional humanistic disciplines such as art, dance, drama, literature, and music, impart an understanding of the interrelationship between creative art, the humanities, and the self, provide exposure to both Western and non-Western cultures, and include foreign language courses.

___ Art 2, 4, 5A, 13A, 15A, 16A, 16B, 42

___ English 1B, 25

___ Geography 3

___ History 4A, 4B

___ Humanities 1, 22

___ Linguistics 11

- ___ Music 42
- ___ Performing Arts 1, 3, 14
- ___ Philosophy 1, 2, 3
- ___ Political Science 5
- ___ Spanish 1, 2, 3, 4, 11, 12, 51, 52, 53, 54

Area D. Social Science (3 units)

These courses explore, at the micro and macro level, the social, political, and economic institutions that underpin society. Courses fulfilling these requirements promote understanding and appreciation of social, political, and economic institutions, probe the relationship between these institutions and human behavior, examine these institutions in both their historical and contemporary context, include the role of, and impact on, non-white ethnic minorities and women and include both western and non-western settings.

- ___ Administration of Justice 1, 29
- ___ Business 20
- ___ Child Development 5
- ___ Economics 1A, 1B
- ___ Geography 2, 3, 18
- ___ History 4A, 4B, 17A, 17B, 32, 34, 44
- ___ Physical Education 29
- ___ Political Science 1, 2, 4, 5, 10, 20
- ___ Psychology 1, 2, 3, 4, 5, 29
- ___ Social Work 20
- ___ Sociology 1, 2, 3

Area E. Local District Requirements

These courses facilitate an understanding of human beings as integrated physiological, social and psychological organisms. Courses fulfilling this requirement provide selective consideration of human behavior, sexuality, nutrition, health, stress, implications of death and dying, and the relationship of people to the social and physical environment.

- ___ * Health Education 35 (3 units)
- ___ **Activity Courses (2 units, if under 21 at graduation) P. E. Activity Courses or PA 25 Activity Course
- * *Any student who has completed more than one year of military service may be granted credit for Health Education 35 (3 units) upon petition.*
- * *Any student who has earned a Psychiatric Technician certificate who has not previously received credit in health education may be granted credit for Health Education 35 (3 units) upon petition.*
- * *Any student who is a licensed registered nurse or licensed cosmetologist who has not previously received credit in health education may be granted credit for Health Education 35 (3 units) upon petition.*
- ** *The physical education activity course requirement is waived for students 21 years of age or older.*

Students completing AA-T and AS-T degrees are not required to complete the local district requirement.

Physical Education Requirements

Students under 21 years of age are required to complete a minimum of two courses in physical education activity totaling not less than two units while working toward an associate degree.

III. Electives:

Elective courses must be completed to reach the total of 60 units required for an associate degree.

IV. Competencies

Reading and Writing

1. Completion of English 1A with a grade of C or higher, or
2. Transferring to West Hills College Coalinga from another accredited college with a C grade or higher in a course equivalent to English 1A.

Mathematics

1. Completion of Mathematics 63 with a grade of C or higher, or
2. Transferring to West Hills College Coalinga from another accredited college with a C grade or higher in a course equivalent to Mathematics 63.

V. Maintain a grade point average of 2.0 overall

VI. Maintain a 2.0 grade point within the major, with all grades of C or higher.

NOTE: While a course might satisfy more than one general education requirement, it may not be counted more than once for these purposes.

Programs of Study

Art - Studio Arts

Associate in Art for Transfer (AA-T) Degree

The Associate in Art in Studio Arts for Transfer Degree is designed to provide students a seamless transfer to the California State University system. The degree is designed to prepare students for a baccalaureate degree in Studio Arts or similar major.

The Art program is dedicated to providing the highest quality of lower division art courses for students who are majoring in art as well as all students who want to explore visual artistic expression through the creation of art and the study of art history. The Art program offers a complete selection of lower division courses in the Fine Arts. Students planning to continue their studies at a four-year college typically include courses in Art History, Design, Drawing and other studio art courses. This provides students with a richer understanding of their world and themselves. Students in the art program work with experienced instructors who assist them in the development of a sound artistic foundation.

In order to complete the AA-T in Studio Arts students must met the following requirements:

- Complete 60 semester units or 90 quarter units that are eligible for transfer to a California State University and include requirements for the CSU General Education Breadth or the Intersegmental General Education Transfer Curriculum;
- Complete a minimum of 18 semester or 27 quarter units in the major or area of emphasis with a grade of "C" or better in all required courses;
- Earn a minimum grade point average of 2.0.

The goals for the Associate in Art in Studio Arts for Transfer Degree are:

- The Associate in Art in Studio Arts for Transfer Degree is designed to provide students a seamless transfer to the California State University system. The degree is designed to prepare students for a baccalaureate degree in Studio Arts or a similar major.
- Create a visually balanced artwork using the art elements and design principles
- Produce sustained and developed artworks for inclusion in an artistic portfolio
- Create artworks demonstrating proficiency with basic color theory and color mixing
- Write a personal and individual critique and artist statement describing her/his series of artworks
- Understand visual art concepts and terminology relating to art history and art disciplines, media, materials, and techniques
- Analyze, critique, and respond orally and in writing to a variety of artistic movements throughout European and Non-European history.

Required Courses (24 units):

Course	Title	Units
ART 2	Two Dimensional Design	3
ART 3	Three Dimensional Design	3
ART 5A	Basic Drawing	3
ART 5B	Intermediate Drawing	3
ART 13A	Beginning Ceramics	3
ART 15A	Beginning Painting	3
ART 16A	Survey of Western Art Prehistoric to Proto Renaissance	3
ART 16B	Survey of Western Art Renaissance to Contemporary	3
Total Major Units		24
Units to be double-counted as General Education		6
CSU GE Breadth or IGETC Units		39
Transferable Elective Units		3
Total Degree Units		60

Business Administration

Associate in Science in Business Administration for Transfer (AS-T) Degree

The Associate in Science in Business Administration for Transfer Degree is designed to provide students a seamless transfer to the California State University system. The degree is designed to prepare students for a baccalaureate degree in Business Administration or similar major.

Students will gain a broad knowledge in the foundation of the business field including accounting, computer systems, economics, and contract law. The program includes coursework that is essential for entry-level positions and enhances the knowledge base of those who are seeking career advancement. A baccalaureate degree will prepare students will to work with a variety of occupations including account executive, analyst, bank employee, buyer, clerk, data-entry clerk, data-entry specialist, government service, insurance representative, manager, office assistant, public administration, and sales.

In order to complete the AS-T in Business Administration students must met the following requirements:

- Complete 60 semester units or 90 quarter units that are eligible for transfer to a California State University and include requirements for the CSU General Education Breadth or the Intersegmental General Education Transfer Curriculum;
- Complete a minimum of 18 semester or 27 quarter units in the major or area of emphasis with a grade of "C" or better in all required courses;
- Earn a minimum grade point average of 2.0.

The goals for the Associate in Science in Business Administration for Transfer Degree are:

- The Associate in Science in Business Administration for Transfer Degree is designed to provide students a seamless transfer to the California State University system. The degree is designed to prepare students for a baccalaureate degree in Business Administration or a similar major.
- Identify and explain the major functional areas of business organizations including management, marketing, finance, and accounting.
- Apply commonly used computer application programs to create relevant business documents.
- Apply accounting and mathematical concepts and principles in making decisions about business operations.
- Analyze practical business problems and utilize research and critical thinking to evaluate and recommend alternative solutions.
- Assess the relationships and inter-dependencies of economic, social, legal, and global environments in which businesses operate.

Required Courses (28 units):

Course	Title	Units
BUS 1A	Beginning Principles of Accounting	4
BUS 1B	Elementary Principles of Accounting	4
BUS 18	Business Law	4
BUS 20	Introduction to Business	3
CIS 7	Computer Concepts	3
ECON 1A	Macroeconomics	3
ECON 1B	Microeconomics	3
MATH 25	Introduction to Statistics	4
Total Major Units		28
Units to be double-counted as General Education		9
CSU GE Breadth or IGETC Units		39
Transferable Elective Units		2
Total Degree Units		60

Communication

Associate in Art in Communication Studies for Transfer (AA-T) Degree

The Associate in Art in Communication Studies for Transfer Degree is designed to provide students a seamless transfer to the California State University system. The degree is designed to prepare students for a baccalaureate degree in Communication Studies or similar major.

The AA-T in Communication Studies offers broad-based preparation in effective oral and written communication, presentation, and debate as well as a foundation in group dynamics and interpersonal relationships. The degree is designed to provide entry-level skills and knowledge for those students who simply want to improve their marketability with potential employers. The degree prepares students in the main skills employers look for in potential employees: the ability to effectively communicate both orally and in writing and to effectively work in groups and/or teams.

In order to complete the AA-T in Communication Studies students must met the following requirements:

- Complete 60 semester units or 90 quarter units that are eligible for transfer to a California State University and include requirements for the CSU General Education Breadth or the Intersegmental General Education Transfer Curriculum;
- Complete a minimum of 18 semester or 27 quarter units in the major or area of emphasis with a grade of "C" or better in all required courses;
- Earn a minimum grade point average of 2.0.

The goals for the Associate in Art in Communication Studies for Transfer Degree are:

- The Associate in Art in Communication Studies for Transfer Degree is designed to provide students a seamless transfer to the California State University system. The degree is designed to prepare students for a baccalaureate degree in Communications or a similar major.
- Identify and differentiate among various perspectives across the Communication discipline.
- Critically analyze evidence and reasoning to identify and provide appropriate and credible support for written and oral communication.
- Identify and demonstrate effective and appropriate written and oral communication skills, both verbal and nonverbal, across diverse context.
- Demonstrate individual responsibility, integrity, respect, and influence to effectively and appropriately communicate with diverse audiences.

Required Courses (18 units):

Course	Title	Units
COM 1	Elements of Speech	3
COM 2	Oral Interpretation of Literature	3
COM 3	Argumentation and Debate	3
COM 4	Small Group Dynamics and Presentation	3
COM 5	Interpersonal Communication	3

Select One Course (3 units):

PSYCH 1	General Psychology	3
SOC 1	Introduction to Sociology	3

Total Major Units	18
Units to be double-counted as General Education	6-12
CSU GE Breadth or IGETC units	39
Transferable Elective Units	9-15
Total Degree Units	60

Early Childhood Education

Associate in Science for Transfer (AS-T) Degree

The Associate in Science in Child development for Transfer Degree is designed to provide students a seamless transfer to the California State University system. The degree is designed to prepare students for a baccalaureate degree in Early Childhood Education or similar major.

The West Hills College Child Development Program offers a comprehensive background in the field of child growth and development. Program emphasis includes information directed at working with culturally diverse families, addressing the needs of children at risk through early intervention, and creating and teaching developmentally appropriate curriculum to young children.

Students will be offered information and skills for potential employment in Federal, State, non-profit, or privately owned early childhood education/child care programs. Courses in this program may assist the student to qualify for Child Development Certificates issued by West Hills College and/or a Child Development Permit obtained from the State of California, Commission for Teacher Preparation and Licensing.

In order to complete the AS-T in Child Development students must meet the following requirements:

- Complete 60 semester units or 90 quarter units that are eligible for transfer to a California State University and include requirements for the CSU General Education Breadth or the Intersegmental General Education Transfer Curriculum;
- Complete a minimum of 18 semester or 27 quarter units in the major or area of emphasis with a grade of "C" or better in all required courses;
- Earn a minimum grade point average of 2.0.

The goals for the Associate in Science in Early Childhood Education for Transfer Degree are:

- Integrate child development concepts into their daily practices with young children.
- Implement developmentally appropriate teaching practices with young children.
- Integrate knowledge of operating a successful child care program.
- Apply administrative principles, including budgeting, conflict resolution and health and safety issues.
- Apply early intervention strategies while working with infants, toddlers and young children.
- Implement various early intervention techniques while working with infants, toddlers, young children and their families.

Required Course (24 units):

Course	Title	Units
CD 2	Teaching in a Diverse Society	3
CD 3	Observation and Assessment	3
CD 5	Child Development	3
CD 10	Child, Family and Society	3
CD 12A	Principles and Practices of Early Childhood Education	3
CD 12B	Principles and Practices of Early Childhood Education Fieldwork	3
CD 16	Introduction to Curriculum	3
CD 18	Health, Safety, and Nutrition	3
Total Major Units		24
Units to be double-counted as General Education		3
CSU GE Breadth or IGETC units		39
Transferable Elective Units		3
Total Degree Units		60

Geology

Associate in Science for Transfer (AS-T) Degree

The Associate in Science in Geology for Transfer Degree is designed to provide students a seamless transfer to the California State University system. The degree is designed to prepare students for a baccalaureate degree in Geology or similar major.

A degree in geology provides individuals with training in the physical aspects and history of the earth. These individuals are then able to locate resources (e.g., fossil fuels and minerals) and manage and mitigate human impacts on ecosystems. They are employed as research scientists, teachers and geologists by educational institutions, construction companies, government agencies, mining and petroleum industries, surveying and engineering companies, and environmental consulting firms. Geologists are generally analytical, inquisitive and creative. They are required to work well individually or as team members and to communicate effectively.

In order to complete the AS-T in Geology students must met the following requirements:

- Complete 60 semester units or 90 quarter units that are eligible for transfer to a California State University and include requirements for the CSU General Education Breadth or the Intersegmental General Education Transfer Curriculum;
- Complete a minimum of 18 semester or 27 quarter units in the major or area of emphasis with a grade of "C" or better in all required courses;
- Earn a minimum grade point average of 2.0.

The goals for the Associate in Science in Geology for Transfer Degree are:

- The Associate in Science in Geology for Transfer Degree is designed to provide students a seamless transfer to the California State University system. The degree is designed to prepare students for a baccalaureate degree in Geology or a similar major.
- To demonstrate the fundamentals of geologic science.
- To apply the scientific process and application of the same in the development of the major geologic theories.
- To view earth as a system and the key interactions among its component parts.
- To explain the relationship between humanity and the earth system and the application of the geologic sciences to address challenges and opportunities that arise therefrom.
- To appreciate the role of chemistry and calculus in the geologic sciences.

Required Courses (28 units):

Course	Title	Units
GEOL 1	Physical Geology	4
GEOL 3	Historical Geology	4
CHEM 1A	General College Chemistry I	5
CHEM 1B	General College Chemistry II	5
MATH 1A	Introduction to Calculus	5
MATH 1B	Calculus with Applications	5
Total Major Units		28
Units to be double-counted as General Education		7
CSU GE Breadth or IGETC Units		39
Transferable Elective Units		0
Total Degree Units		60

Heavy Equipment Certificate

West Hills College Coalinga Heavy Equipment Operator Technician Certificate Program is a one semester Certificate of Achievement program. Intrinsic learning is accomplished through a hands on approach to introduce students to a wide range of skills necessary for equipment operation. Laboratory work is designed to simulate field experiences. Heavy equipment operation requires good hand-eye coordination and demands attention to details like timelines,

precision operation, coordination of multiple tasks, and following plan directions. Development of problem solving skills and safe work habits will be instilled in the student.

Heavy Equipment program prepares students for careers in the operation of crawlers, tractors, scrapers, backhoes, excavator, loaders, motor graders, trucks, laser controlled equipment, and technical support programs. The curriculum is designed to align with the National Center for Construction Education and Research (NCCER) certification. Completion of the certificate qualifies students to enter the professional job market.

Upon completion of the program the student will be able to meet the following objectives:

- Explain the basic terminology and types of equipment and their uses.
- Explain the need for safety measures when working in and around heavy equipment.
- Describe the long- and short-term health effects, first-aid measures, handling and storage, and/or required personal protective equipment (PPE) for a chemical using a safety data sheet(SDS).
- Explain the basics of a hydraulic system and identify hydraulic components.
- Describe basic safety rules and some specific safety rules when operating heavy equipment.
- Perform basic maneuvering with a tractor.
- Identify and explain earthmoving terms and methods.
- Demonstrate and state the steps of the pre-operational safety inspection.
- Explain safety rules for operating of the following
 - a. Rollers
 - b. Scrapers
 - c. Loaders
 - d. Forklifts
 - e. Dozers
 - f. Backhoes
 - g. Excavators
 - h. Motor Graders
- Identify basic geometric shapes
- Interpret construction plans to determine grading requirements.
- Read and interpret drawings to determine the type of excavations needed to prepare the site.
- Describe how workers’ values have changed over the years.
- List the characteristics of effective leaders.
- Identify the three styles of leadership.
- Explain the purpose of the Occupational Safety and Health Act (OSHA).
- Identify the key points of a safety program.
- Define the three types of project delivery systems.
- Identify the two most common schedules.
- Demonstrate an understanding of laser and GPS technology.
- Explain the requirements for finish and final grading of earthwork.
- Describe the characteristics of different types of soils.

Required Courses (18 units):

Course	Title	Units
IMT 60	Industrial Core	3
HVYEQUI60A	Level I Heavy Equipment Operation	5
HVYEQUI60B	Level II Heavy Equipment Operation	5
HVYEQUI60C	Level III Heavy Equipment Operation	5
Total Units Required for Certificate		18

Political Science

Associate in Arts for Transfer (AA-T) Degree

The Associate in Arts in Political Science for Transfer Degree is designed to provide students a seamless transfer to the California State University system. The degree is designed to prepare students for a baccalaureate degree in Political Science or similar major.

The Associate in Arts for Transfer in Political Science is designed to provide the transfer student with the opportunity to take lower division courses that could be applied to a political science major at a four year university. Politics is the struggle of who gets what, when and how. A broad spectrum of groups fight for their interests locally, nationally or globally. Political Science looks at the interaction between the individual or group and the government such as local and state governments creating a budget to national governments combating terrorism abroad.

The student who majors in Political Science will become more aware of current events and how those events impact their daily lives. As a Political Science major students may become more politically active and more civic responsible. An AA-T in Political Science would be a stepping stone to many other career fields such as teaching, law, local, state and federal government work and group advocacy.

In order to complete the AA-T in Political Science students must met the following requirements:

- Complete 60 semester units or 90 quarter units that are eligible for transfer to a California State University and include requirements for the CSU General Education Breadth or the Intersegmental General Education Transfer Curriculum;
- Complete a minimum of 18 semester or 27 quarter units in the major or area of emphasis with a grade of "C" or better in all required courses;
- Earn a minimum grade point average of 2.0.

The goals for the Associate in Arts in Political Science for Transfer Degree are:

- The Associate in Arts in Political Science for Transfer Degree is designed to provide students a seamless transfer to the California State University system. The degree is designed to prepare students for a baccalaureate degree in Political Science.
- Evaluate and summarize research material without involving their own political beliefs or bias.
- State different types of governments and explain their historical developments and political processes within a given country.
- Identify different political theories and apply those theories to contemporary issues
- Differentiate between different theories.

Required Course (3 units):

Course	Title	Units
POLSCI 1	Introduction to American Government	3

Select Three Courses (9 units):

POLSCI 2	Comparative Government	3
POLSCI 4	Introduction to International Relations	3
POLSCI 5	Introduction to Political Theory	3
POLSCI 10	Modern Politics	3
MATH 25	Introduction to Statistics	4

Select Two Courses (6 units):

Any courses not selected above, any CSU transferable political science courses, and/or other courses that are articulated as lower division preparation for the political science major at a CSU, or any CSU transferable introductory course in the social sciences.

AOJ 1	Introduction to Criminal Justice	3
AOJ 29	Criminology	3
CD 5	Child Development	3
ECON 1A	Macroeconomics	3
ECON 1B	Microeconomics	3

GEOG 2 World Regional Geography	3
GEOG 3 Cultural Geography	3
GEOG 18 Geography of California	3
HIST 4A Western Europe to 1700	3
HIST 4B Western Europe from 1700	3
HIST 17A History of the United States 1492-1877	3
HIST 17B History of the United States 1865-Present	3
PE 29 Introduction to Sport and Exercise Psychology	3
POLSCI 20 Judicial and Legal Reasoning	3
PYSCH 1 General Psychology	3
PYSCH 2 Abnormal Psychology	3
PYSCH 3 Developmental Psychology	3
PSYCH 5 Biological Psychology	3
SOC 1 Introduction to Sociology	3
SOC 2 Critical Thinking and Social Problems	3
SOC 3 Marriage and Family Relations	3
SW 20 Introduction to Social Welfare	3
Total Major Units	18-19
Units to be double-counted as General Education	6-18
CSU GE Breadth or IGETC Units	39
Transferable Elective Units	8-21
Total Degree Units	60

Psychiatric Technician

Psychiatric Technician Training Program AA or AS Degree

The West Hills Community College Psychiatric Technician Program is an approved program by the California Board of Licensed Vocational Nurses and Psychiatric Technicians. This accelerated program is divided into three main content areas, nursing science, developmental disorders, and psychiatric nursing. Program participants will receive didactic and hands-on experiences to apply the nursing process in the planning and implementation of care for clients with a variety of special needs. Participants will be introduced to the professional psychiatric technician standards related to professionalism and safety and grow in the role of client advocate and sponsor. The Psychiatric Technician Training Program will prepare the student in a variety of health care settings. Upon completion of the Psychiatric Technician Training Program, students will receive a certificate or associate degree and qualify to take the licensure exam from the California Board of Vocational Nursing and Psychiatric Technicians.

This is an intensive certificate/degree program. Classes will meet at the college, local hospitals, mental health facilities, Coalinga State Hospital, Porterville Developmental Center, and other approved facilities to accommodate the clinical aspects of instruction.

In order to complete the Associate degree students must meet the following requirements:

- Complete the General Education pattern for the associate of arts degree;
- Complete a minimum of 57 additional units chosen exclusively from the major list below;
- Complete elective to reach a total of 60 units;
- Earn a degree of C or better in each course in the major;
- Complete the English and math proficiency requirements with a C grade or better
- Students planning to transfer to a four-year university are cautioned that this degree may not meet all of the lower division requirements for transfer into a particular major. Students should consult with a counselor for specific information and develop an educational plan to ensure that this degree would be the most beneficial prior to transferring to the university of their choice. Students can also access information on www.assist.org.

Upon completion of the program:

- Student will be able to calculate the correct medication dosages.
- Student will be able to discuss and demonstrate the importance of accurate communication and documentation in the various health care settings within their scope of practice.
- Student will be able to apply the nursing process to implement an appropriate plan of care for the client with medical, developmental disabilities and mental illness disorders.
- Student will be able to identify signs and symptoms of medical, developmental disabilities, and mental disorders.

For consideration of eligibility to the Psychiatric Technician Training Program, applicant must meet current admission criteria and all of the following:

- Show proficiency (C or better) in English 51A or equivalent.
- Show proficiency (C or better) in Math 101, VNPT 90, or equivalent assessment exam score.

Program Prerequisite Skills and/or Knowledge:

- Show proof of a current American Heart Association, Basic Life Support for Health Care Providers Certificate.
- Be at least 18 years of age.
- Show evidence of high school graduation or equivalent (GED or CHSPE).
- Submit a complete application to West Hills College.
- Submit a complete and current application to the West Hills College Psychiatric Technician Training Program.
- Take the West Hills College assessment exams.
- Complete and pass a physical, background check and drug screen.

Required Courses (57 units):

Course	Title	Units
PT 101	Psychiatric Technician Orientation	1.5
VNPT 50	Anatomy for Nurses	2
VNPT 51	Fundamentals of Nursing	5
VNPT 51L	Fundamental of Nursing Clinical	3
PT 52	Medical Surgical Nursing	4.5
PT52L	Medical Surgical Nursing Clinical	3
VNPT81	Pharmacology 1	1
VNPT 60	Lifespan for Nurses	2
PT 61	Introduction to Developmental Disabilities	5
PT 61L	Introduction to Developmental Disabilities Clinical	3
PT 62	Developmental Disabilities	4.5
PT 62L	Developmental Disabilities Clinical	3
VNPT 82	Pharmacology 2	1
VNPT 70	Psychology for Nurses	2
PT 71	Introduction to Mental Disorders	5
PT 71L	Introduction to Mental Disorders Clinical	3
PT 72	Mental Disorders	4.5
PT 72L	Mental Disorders Clinical	3
VNPT 83	Pharmacology 3	1
Total Major Units		57

Psychology

Associate in Arts in for Transfer (AA-T) Degree

The Associate in Arts in Psychology for Transfer Degree is designed to provide students a seamless transfer to the California State University system. The degree is designed to prepare students for a baccalaureate degree in Psychology or similar major.

The AA-T in Psychology is designed to provide entry-level skills and knowledge for the student transferring to a four-year institution with a major in psychology. The psychology major requires 18 units in psychology and related fields. Psychology is the scientific study of behavior and mental processes. Course work in this program will provide a better understanding of human behavior in the areas of biological psychology, life-span development, states of consciousness, learning, memory, intelligence, personality, abnormal behavior, therapy, and social psychology. The psychology major prepares students for four-year programs with emphasis in psychology, counseling, child development, educational psychology, education, social work, sociology, human services, and nursing.

In order to complete the AA-T in Psychology students must met the following requirements:

- Complete 60 semester units or 90 quarter units that are eligible for transfer to a California State University and include requirements for the CSU General Education Breadth or the Intersegmental General Education Transfer Curriculum;
- Complete a minimum of 18 semester or 27 quarter units in the major or area of emphasis with a grade of “C” or better in all required courses;
- Earn a minimum grade point average of 2.0.

The goals for the Associate in Arts in Psychology for Transfer Degree are:

- The Associate in Arts in Psychology for Transfer Degree is designed to provide students a seamless transfer to the California State University system. The degree is designed to prepare students for a baccalaureate degree in Psychology.
- Students will be able to differentiate between scientifically derived knowledge versus pseudoscience within the field of psychology.
- Students will be able to compare and contrast the major theoretical perspectives in psychology.
- Students will be able to define basic psychological terminology regarding behavior, cognition, and emotion, and be able to express it clearly when writing or speaking about psychology.
- Students will be able to evaluate psychological data, use the scientific method, draw reasonable conclusions, and apply these to personal, community, and scientific problems.
- Students will be able to employ psychological principles that lay the foundation for life-long personal growth and development of interpersonal and social skills.
- Students will be able to demonstrate appropriate interpersonal and social skills in interactions with a diverse population using principles of equity, justice, and inclusion.

Required Courses (16 units):

Course	Title	Units
PSYCH 1	Introductory Psychology	3
PSYCH 5	Biological Psychology	3
PSYCH 6	Research Methods in Psychology	3
MATH 25	Introduction to Statistics	4
BIO 10	Fundamentals of Biology	3

Select One Course (3 units):

PSYCH 2	Abnormal Psychology	3
PSYCH 3	Developmental Psychology	3
PSYCH 4	Personal Psychology	3
PSYCH 29	Introduction to Sport and Exercise Psychology	<u>3</u>

Total Major Units	19
Units to be double-counted as General Education	12-15
CSU Breadth or IGETC Units	39
Transferable Elective Units	<u>14-17</u>
Total Degree Units	60

Course Descriptions

Administration of Justice

AOJ 29 Criminology (3)

Class Hours: 54 Lecture

Strongly Recommended Preparation: ENG 1A or the equivalent

AOJ 29 is an introduction to major types of criminal behavior, characteristics of offenders, factors that contribute to crime and delinquency; the criminal justice process; the function of law enforcement, the courts, probation, parole and institutions; changes in crime control and treatment process, the role of society. Not open for credit to students who have had a course in Sociology, Crime and Delinquency or Introduction to Criminology. (AA, CSU)

Animal Science

ASCI 12 Introduction to Animal Science (3)

Class Hours: 36 Lecture, 54 Laboratory

ASCI 12 is a survey of the livestock industry, supply of animal products and their uses; special emphasis on the origin, characteristics, adaptation and contributions of farm animals to the global Ag industry; analysis of the economic trends and career opportunities in animal agriculture. (CID AG-AS 106L)

Art

ART 2 Two-Dimensional Design Fundamentals (3)

Class Hours: 27 Lecture, 81 Lab

Strongly Recommended Preparation: ENG 51A or the equivalent.

ART 2 is an introduction to the elements and principles of two-dimensional design, which are common to the visual arts. It is a foundation course stressing visual perception and an effective knowledge of the graphic means of expression and communication with reference to art historical and contemporary concepts and applications. (CID ARTS 100) (AA, CSU, UC)

ART 3 Three-Dimensional Design (3)

Class Hours: 27 Lecture, 81 Lab

Strongly Recommended Preparation: ENG 51A or the equivalent.

ART 3 is a course designed to introduce the student to the fundamentals of three-dimensional design, including historical and conceptual applications. (CID ARTS 101), (AA, CSU)

ART 5B Intermediate Drawing (3)

Class Hours: 27 Lecture, 81 Laboratory

Prerequisite: Art 5A

Strongly Recommended Preparation: ENG 51A or the equivalent.

ART 5B offers additional lecture and studio time to further explore the drawing principles. Recommended for art majors. (AA, CSU, UC)

ART 13A Beginning Ceramics (3)

Class Hours: 27 Lecture, 81 Laboratory

Strongly Recommended Preparation: ENG 51A or the equivalent.

ART 13A is the study of the ceramic discipline with emphasis upon technique and the historical context and its relationship to the ceramic medium of the 21st century. (CID ARTS 230) (AA, CSU, UC)

ART 13B Intermediate Ceramics (3)

Class Hours: 27 Lecture, 81 Laboratory,

Prerequisite: Art 13A

Strongly Recommended Preparation: ENG 51A or the equivalent.

Art 13B offers additional lecture and studio time to further explore hand building, glazing, and wheel throwing techniques. (AA, CSU, UC)

ART 13C Advanced Ceramics (3)

Class Hours: 27 Lecture, 81 Laboratory

Prerequisite: ART 13B

Strongly Recommended Preparation: ENG 51A or the equivalent.

Art 13C will offer further lecture and studio time to explore concepts and theories of ceramics. (AA, CSU, UC)

ART 15A Beginning Painting (3)

Class Hours: 27 Lecture, 81 Laboratory

Strongly Recommended Preparation: ENG 51A or the equivalent.

ART 15A will offer lecture and studio time to explore the heritage and fundamentals of painting. (CID ARTS 210) (AA, CSU, UC)

ART 15B Intermediate Painting (3)

Class Hours: 27 Lecture, 81 Laboratory

Prerequisite: ART 15A

Strongly Recommended Preparation: ENG 51A or the equivalent.

Art 15B will offer further lecture and studio time to explore the heritage and fundamentals of painting. (AA, CSU, UC)

ART 15C Advanced Painting (3)

Class Hours: 27 Lecture, 81 Laboratory

Prerequisite: ART 15B

Strongly Recommended Preparation: ENG 51A or the equivalent.

Art 15C will offer further lecture and studio time to explore concepts and theories of painting. (AA, CSU, UC)

Athletics

Intercollegiate Sports

ATHL 16 Fundamentals of Men's Rodeo (.5-3.0)

Class Hours: Max. 175 Laboratory

Prerequisite: Medical approval from a licensed physician.

ATHL 16 will focus on the fundamental, theory, and practice of intercollegiate men's rodeo events; bareback riding, saddle bronc riding, bull riding, tie down roping, steer wrestling, team roping emphasizing the physiology and physical foundations, history of the sport, scoring, rule interpretation, and judging. The course will also provide the student the opportunity to study, learn, and practice the skills and techniques necessary to participate in intercollegiate men's rodeo events. Enrollment limited to those qualified to compete in intercollegiate rodeo.

ATHL 17 Fundamentals of Women's Rodeo (.5-3.0)

Class Hours: Max. 175 Laboratory

Prerequisite: Medical approval from a licensed physician.

ATHL 17 will focus on the fundamental, theory, and practice of intercollegiate woman's rodeo events; barrel racing, goat tying, break away roping, team roping emphasizing the physiological fundamentals, history of the sport, scoring, rule interpretation, and judging. The course will also provide the student the opportunity to study, learn, and practice the skills and techniques necessary to participate in intercollegiate women's rodeo events. Enrollment limited to those qualified to compete in intercollegiate rodeo.

ATHL 36 Intercollegiate Men's Rodeo (1.5)

Class Hours: 87.5 Laboratory

Prerequisite: Medical approval from a licensed physician.

ATHL 36 is designed to provide instruction for those interested in further developing their proficiency in men's intercollegiate rodeo events. Methods in competitive performance, individual and team strategy, in a National Intercollegiate Rodeo Association (NIRA) sanctioned competition event. Enrollment limited to those qualified to compete in intercollegiate rodeo.

ATHL 37 Intercollegiate Women's Rodeo (1.5)*Class Hours: 87.5 Laboratory**Prerequisite: Medical approval from a licensed physician.*

ATHL 37 is designed to provide instruction for those interested in further developing their proficiency in women's intercollegiate rodeo events. Methods in competitive performance, individual and team strategy, in a National Intercollegiate Rodeo Association (NIRA) sanctioned competition event. Enrollment limited to those qualified to compete in intercollegiate rodeo.

Biology**BIO 32 Human Anatomy (4)***Class Hours: 54 Lecture, 54 Laboratory**Prerequisite: MATH 63, ENG 51A**Strongly Recommended Preparation: Non-majors general biology course (BIO 10 or BIO 15) or one-semester anatomy and physiology course or medical terminology course (HS 5).*

Biology 32 examines the structural organization of the human body: gross and microscopic structure of the integumentary, skeletal, muscular, nervous, sensory, endocrine, cardiovascular, lymphatic, respiratory, digestive, excretory, and reproductive systems, from cellular to organ system levels of organization. This course is primarily intended for nursing, allied health, kinesiology, and other health related majors. (CID BIO 110B) (AA, CSU, UC)

BIO 35 Human Physiology (4)*Class Hours: 54 Lecture, 54 Laboratory**Prerequisite: MATH 63, ENG 51A**Strongly Recommended Preparation: Non-majors general biology course (BIO 10 or BIO 15) and college-level chemistry (CHEM 2A).*

BIO 35 examines the physiological principles, function, integration and homeostasis of the human body at the cellular, tissue, organ, organ system and organism level: integumentary system, bone, skeletal, smooth and cardiac muscles, nervous system, sensory organs, cardiovascular system, lymphatic and immune systems, respiratory system, urinary system, digestive system, endocrine system, and reproductive system. This course is primarily intended for Nursing, Allied Health, Kinesiology, and other health related majors. (CID BIO 120B) (AA, CSU, UC)

Business**BUS 13B Word for Windows II (1.5)***Class Hours: 18 Lecture, 27 Laboratory**Prerequisite: BUS 13A**Strongly Recommended Preparation: Ability to key 35 wpm*

P/NP

Students are taught advanced features of Word for Windows. The course is designed for office personnel using Microsoft Word on the job. This course, along with Word for Windows I, is required for the Office Technology major. (AA, CSU)

BUS 24 Business Mathematics (3)*Class Hours: 54 Lecture**Strongly Recommended Preparation: ENG 101B and MATH 101 or equivalent.*

BUS 24 will provide a working knowledge of mathematical operations and applications used in the field of business. The course will focus on applications such as payroll management, checking accounts, inventory valuation, financial statements, and interest calculations. (AA, CSU)

BUS 32 Small Business Management (3)*Class Hours: 54 Lecture**Strongly Recommended Preparation: ENG 51A or equivalent.*

BUS 32 is designed to explore the elements involved in successfully operating a small business. The course is geared toward the prospective as well as current small business owner. Instructional topics include the selection, establishment, and operation of a small business. Emphasis will be placed on the unique nature of small business management including human resource management, marketing, and legal issues. (AA, CSU)

BUS 35 Human Resources Management (3)*Class Hours: 54 Lecture**Strongly Recommended Preparation: ENG 51A or equivalent.*

BUS 35 is designed to explore the various aspects of human resources management including the implementation of a successful HRM program. The course is approached from the manager's point of view and focuses on several human resources responsibilities including selection, evaluation, motivation, training, and compensation. The course also examines the legal environment surrounding managing personnel. (AA, CSU)

BUS 55 Bookkeeping (3)*Class Hours: 54 Lecture*

P/NP

BUS 55 an introductory course designed to present the basic knowledge of the theory and practice of bookkeeping for students who are interested in continuing their study to higher levels of accounting, and for those who desire an understanding of ordinary bookkeeping procedures in business offices. (AA, CSU)

BUS 67 Filing and Records Management (2)*Class Hours: 18 Lecture, 54 Laboratory*

BUS 67 is designed to provide instruction and practice in traditional records and information management as well as electronic or automated records management systems. Alphabetic, geographic, subject, and numerical filing systems are covered along with the materials, supplies, and related equipment used in management of information in the modern business environment. (AA)

Chemistry

CHEM 1A General Chemistry I (5)*Class Hours: 54 Lecture, 108 Laboratory**Prerequisite: MATH 63 or equivalent.*

CHEM 1A is the first semester of a one-year course in chemistry intended for majors in the natural sciences (chemistry, biochemistry, biology, physics, pre-medicine), mathematics, and engineering. (CID CHEM 120S)

CHEM 1B General Chemistry II (5)*Class Hours: 54 Lecture, 108 Laboratory**Prerequisite: CHEM 1A*

CHEM 1B is a continuation of the study of the principles of chemistry with an emphasis on chemical thermodynamics (H, S, G), kinetics and mechanisms, equilibrium, electrochemistry, spectroscopy, nuclear chemistry, introductory organic and biochemical systems, and selected elemental chemistries of metals, non-metals, and metalloids. The laboratory includes lecture-matched qualitative and instrumental evaluation of selected species and parameters as well as microprocessor and computerized data gathering, processing and reduction, and computer simulations. Appropriate training in chemical safety is provided. (AA, CSU, UC) The Chemistry 1A, 1B sequence is required of all students majoring in chemistry, chemical engineering, engineering sciences, biology, microbiology, and all applied sciences at the University of California, i.e., medicine, pharmacy, veterinary science, nursing, home economics, etc. These courses are acceptable for credit at the University of California and California State University. (CID CHEM 120A)

CHEM 2A Introductory Chemistry I (4)*Class Hours: 54 Lecture, 54 Laboratory**Prerequisite: MATH 63 or equivalent*

CHEM 2A is a study of the applied principles of chemistry for the allied science and non-science majors. Included are scientific methodology, composition of matter, physical and chemical changes, bonding, nomenclature, chemical periodicity and reactivity, stoichiometry, states of matter, atomic and molecular modeling, chemical energetics, properties and models of solids, liquids, gases, aqueous solution and Redox reactions, pH, reactions of elements/acids/bases/salts, and a brief introduction to organic chemistry. Appropriate training in chemical safety is provided. The Chemistry 2A, 2B sequence is a state university curriculum requirement for students planning to transfer to majors in agriculture, nursing, home economics, industrial technology, industrial arts and other applied sciences. (CID CHEM 110) (AA, CSU, UC)

CHEM 2B Introductory Chemistry II (4)

Class Hours: 54 Lecture, 54 Laboratory

Prerequisite: CHEM 2A or equivalent. Material Fee: \$15.00

CHEM 2B is a continuation of the study of the applied principles of chemistry for the allied science and non-science majors. Building upon the principles established in CHEM 2A, the course focuses on applications in Organic and Biochemical Systems. It includes topical coverage of "functional group" characteristics and reactivity (hydrocarbons, aldehydes, ethers, amines, etc.) compound synthesis and characterization, nutrition and the mechanisms of metabolic pathways, biochemical synthesis and energetics, chemical communication, and the chemistry of clinical therapeutics.

The Chemistry 2A, 2B sequence is a state university curriculum requirement for students planning to transfer to majors in agriculture, nursing, home economics, industrial technology, industrial arts and other applied sciences. (AA, CSU, UC)

Child Development

CD 3 Child Study and Assessment (3)

Class Hours: 54 Lecture

Strongly Recommended Preparation: ENG 51A or equivalent

CD 3 provides experiences using observation and assessment strategies to document children's growth and development. Various scientific techniques will be introduced and utilized to benefit the child, the environmental situations, family and teacher interaction and/or successful referrals to other professionals focusing on children. (CID ECE 200) (AA, CSU)

CD 12B Principles and Practices of Early Childhood Education Field Work (3)

Class Hours: 18 Lecture, 108 Laboratory

Prerequisite: CD 5, CD 10, CD 12A, CD 16, Negative TB Test

Strongly Recommended Preparation: ENG 51A or equivalent

CD 12B offers an opportunity to demonstrate developmentally appropriate early childhood teaching competencies under guided supervision. Students will utilize practical classroom experiences to make connections between theory and practice, to develop professional behaviors, and build a comprehensive understanding of children and families. Students will be expanding their knowledge of curriculum content by designing, implementing, and evaluating their teaching experiences and the value of their interactions used in the classroom and with the children involved. Both positive and negative experiences will be evaluated and will be used for improvement and validation. (CID ECE 210) (AA, CSU)

CD 14B Administration and Supervision of Children's Programs Field Work (3)

Class Hours: 54 Lecture

Strongly Recommended Preparation: ENG 51A or equivalent

CD 14B is a course designed for students that have a firm foundation in child development and have an interest in becoming an administrator of a children's program. This course offers the student an opportunity to design and demonstrate their writing and computer abilities as reflected in assigned projects such as personal portfolios, newsletters, parent education presentations, staff in-services, school policy development, and other related assignments. In addition, this course involves the application of administrative knowledge as discussed in Child Development 14A. Students will be given the opportunity to gain administrative experiences in an appropriate community-based children's program. (AA, CSU)

Communication

COM 1 Elements of Communication (3)

Class Hours: 54 Lecture

Prerequisite: ENG 51A or equivalent

COM 1 provides instruction in the fundamental processes of oral communication, including traditional and internet research methods. This course is designed to improve the student's ability to function in any speaking situation. Emphasis is on the basic concepts of speaking as a transfer of understood messages, particularly as a communication between a single speaker and an audience. Students are involved in the critical thinking process of preparing and delivering extemporaneous speeches and in the development of active listening skills. (CID COM 110) (AA, CSU, UC)

COM 2 Oral Interpretation of Literature (3)*Class Hours: 54 Lecture**Prerequisite: COM 1*

COM 2 provides an introduction to performance studies and an analysis, appreciation, and application of theories of interpretive performances of various forms of literature including poetry, prose, and drama (plays, scripts and screenplays). (CID COM 170) (AA, CSU, UC)

COM 3 Argumentation and Debate (3)*Class Hours: 54 Lecture**Prerequisite: COM 1*

COM 3 provides instruction in methods of critical inquiry and advocacy. The course focuses on identifying fallacies in reasoning and language, testing evidence and evidence sources, advancing a reasoned position, and defending and refuting arguments. The course also covers the analysis, presentation, and evaluation of oral and written arguments. (CID COM 120) (AA, CSU, UC)

COM 4 Small Group Dynamics and Presentation (3)*Class Hours: 54 Lecture**Prerequisite: ENG 51A or equivalent*

COM 4 provides instruction in the dynamics of small group communication. Students will explore their own communication skills and weaknesses through the application of critical thinking and analysis. Students will learn a variety of problem-solving and leadership techniques, including how to conduct meetings and discussion, as well as how to effectively and persuasively present information within small groups and as a small group to a larger audience, utilizing both traditional and Internet research methods to gather and analyze information. (CID COM 140) (AA, CSU, UC)

COM 5 Interpersonal Communication (3)*Class Hours: 54 Lecture*

COM 5 is designed to provide understanding, critical thinking, and practical skills in basic communication settings; one to one, one to many, and speaker to audience. Students will engage in interpersonal exercises to use communication skills such as listening, paraphrasing, describing feelings, decision-making, perception checking, and verbal and non-verbal communication. (CID COM 130) (AA, CSU)

Computer Information Systems**CIS 7 Computer Concepts (3)***Class Hours: 36 Lecture, 54 Laboratory*

CIS 7 is an examination of information systems and their role in business. The course focuses on information systems, database management systems, networking, e-commerce, ethics and security, computer systems hardware and software components. The course includes application of these concepts and methods through hands-on projects developing computer-based solutions to business problems. (CID BUS 140) (AA, CSU, UC)

CIS 21 Desktop Publishing (3)*Class Hours: 36 Lecture, 54 Laboratory**Strongly Recommended Preparation: BUS 13A/B*

CIS 21 teaches the student common sense design techniques used in the production of reports, presentation materials, newsletters, forms, manuals, catalogs, advertising materials, books, and other typical business publications. Knowledge of word processing techniques and the use of a mouse is suggested. (AA, CSU)

Emergency Medical Training

EMT 55 Emergency Medical Responder/First Responder (1.25)

Class Hours: 18 Lecture, 13.5 Laboratory

EMT 55 is designed to enhance the education of any pre-EMT student, firefighter, peace officer, and lifeguard. The title of First Responder is currently transitioning to Emergency Medical Responder. This course exceeds the minimum requirements set by the California Code of Regulations, Title 22. Social Security, Division 9. Pre-hospital Emergency Medical Services and the U.S. Department of Transportation (US DOT) National Emergency Medical Services (EMS) Education Standards (with related Instructional Guidelines) and National Standard Curricula (NSC). This course is also an advisory course for any pre-EMT student and will facilitate a smooth transition into the EMT course (EMT 50).

EMT 56 Emergency Medical Technician Refresher (1.25)

Class Hours: 18 Lecture, 13.5 Laboratory

Prerequisite: Current EMT Certification

EMT 56 prepares the student for recertification as a Nationally Registered EMT and subsequent state recertification. Instruction includes topics pertaining to emergency medical care in the pre-hospital setting. This is in accordance with the content of an EMT course and shall meet the objectives contained in the U.S. Department of Transportation (DOT) EMT-Basic Refresher National Standard Curriculum, DOT HS 808 624, September 1996, California Code of Regulations Title 22 (Social Security) Division 9 (Prehospital Emergency Medical Services) Chapter 2 (Emergency Medical Technician), and Local EMS policies, procedures and protocols. Successful completion of this course will prepare the student for the National Registry of EMT's recertification requirement. As part of the course, the student will be able to complete the state required skills verification. Once recertified, this will allow the student to work on an ambulance, fire apparatus, or in a hospital emergency department.

English

ENG 100 Introduction to College Reading Writing (4)

Class Hours: 72 Lecture

ENG 100 is an introduction to the development of college-level reading, writing, and related skills. Students will focus on the connections with reading and writing in an academic setting. This course is preparation for ENG 51A.

Environmental Technology

ET 61 Energy Efficiency (4)

Class Hours: 36 Lecture, 108 Laboratory

ET 61 will provide instruction on energy efficient concepts and applications for residential homes and small businesses, taking a holistic view to ensure dwellings are comfortable and energy efficient. Practical portions will focus on the house-as-a-system approach towards improving efficiency. BPI certification information and test preparation will be included.

ET 62 Residential Electrical (3.5)

Class Hours: 36 Lecture, 81 Laboratory

ET 62 introduces residential electrical fundamentals including but not limited to panels, sub-panels, breakers, circuits, wiring techniques, and associated calculations.

ET 63 Solar Installation (4)

Class Hours: 36 Lecture, 108 Laboratory

Prerequisite: ET 62

ET 63 will provide instruction on photovoltaic solar panel installations. The main focus will be on residential roof application; however, ground mount and solar farm applications will be included.

Geography

GEOG 1 Physical Geography (4)

Class Hours: 54 Lecture, 54 Laboratory

Strongly Recommended Preparation: ENG51A or equivalent.

GEOG 1 is an introductory course in Physical Geography, the focus of which is the spatial relationships and interrelations of matter, energy, and systems on or near the earth's surface. Class content will focus on geodesy, cartography, hydrology, geomorphology, meteorology, climatology, soil science, biogeography, and their integrated patterns of world distribution. Intensive use is made of maps and field trips. (CID GEOG 115) (AA, CSU, UC)

GEOG 3 Cultural Geography (3)

Class Hours: 54 Lecture

Strongly Recommended Preparation: ENG51A or equivalent.

GEOG 3 is an introductory course in the study of cultural geography. The course is a systematic study of the various facets of human cultures including folk and popular culture, demographics, language, race and ethnicity, political systems, religions, agriculture, rural settlement forms, industries and urbanization. Field research is an important aspect of the course (This course is recommended as an elective for students planning to teach). (AA, CSU, UC)

GEOG 16 Regional Field Studies (1)

Class Hours: 3 Lecture, 45 Laboratory

GEOG 16 provides the opportunity for students to conduct field studies of the geography of selected regions. Physical and cultural processes, characteristics and landscapes will be observed and analyzed. Specific content will vary by geographic region. (CID GEOG 160) (AA, CSU, UC)

GEOG 18 Geography of California (3)

Class Hours: 54 Lecture

Strongly Recommended Preparation: ENG51A or equivalent.

GEOG 18 provides a general overview of the physical and cultural qualities and conditions that define California as a unique political subdivision of the United States. Topics such as landforms, climate, soils and natural vegetation, along with cultural history and demographics, income, employment and education, immigration and other cultural characteristics are examined as they relate to the entire state in general and to specific regions in particular. (CID GEOG 140) (AA, CSU, UC)

Geology

GEOL 1 Physical Geology (4)

Class Hours: 54 Lecture, 54 Laboratory

GEOL 1 is an introduction to the physical and chemical forces active on the earth, including a survey of minerals, rocks, volcanism, geomorphology, and structural geology. Also covered are the agents of weathering, erosion, earthquakes, the earth's interior, glaciation, oceans, rock mobility, metamorphism, sedimentation and the formation of economic mineral deposits. (CID GEOL 101) (AA, CSU, UC)

GEOL 3 Historical Geology (4)

Class Hours: 54 Lecture, 54 Laboratory

GEOL 3 is the study of the origin and history of the Earth, the formation of the continents, and oceans, and the changes they have experienced, the history, and distribution of rock formations and mountains, fossils as aids to the dating of rocks, geological time, and the development of living things. (CID GEOL 110L) (AA, CSU, UC)

Heavy Equipment

HVYEQUI 60A Level I Heavy Equipment Operation (5)

Class Hours : 54 Lecture, 108 Laboratory

Prerequisite: IMT 60

HVYEQUI60A is an introduction to heavy equipment operation. Topics include practical and theoretical training in heavy equipment safety, basic operation techniques, and introduction to earth moving and grades.

HVYEQUI 60B Level II Heavy Equipment Operation (5)*Class Hours : 54 Lecture, 108 Laboratory**Prerequisite: HVYEQUI 60A*

HVYEQUI60B is an intermediate course in the Heavy Equipment program. Topics include practical and theoretical training on heavy equipment including dump trucks, scrapers, loaders, and forklifts. The course also includes modules on excavation math and civil blueprint reading.

HVYEQUI 60C Level III Heavy Equipment Operation (5)*Class Hours : 54 Lecture, 108 Laboratory**Prerequisite: HVYEQUI 60B*

HVYEQUI60C is an advanced course in heavy equipment operation. This course consists of practical and theoretical training in the operation of dozers; backhoes; excavators; and motor graders. This course also serves as an introduction to crew leadership, project control, and soils.

Interdisciplinary Studies**IS 7 Student Leadership Development (2)***Class Hours: 18 Lecture, 54 Laboratory*

IS 7 is a course designed for the development of leadership skills. Class members will serve as officers on the Associated Student Body Council, student clubs, cheer squad or as representatives on campus wide committees. Emphasis will be placed on participation in governing and organizational operations of specific college groups. Students will learn effective planning, personal and professional leadership skills, organizational structure and conducting meetings using parliamentary procedure. (AA, CSU)

Mathematics**MATH 2A Multivariate Calculus (4)***Class Hours: 72 Lecture**Prerequisite: MATH 1B or equivalent*

MATH 2A is concerned with three-dimensional vectors, lines and planes, vector-valued functions, partial derivatives, multiple integrals and calculus of vector fields. (*Please Note: This course is offered infrequently*). (CID MATH 230) (AA, CSU, UC)

MATH 2B Differential Equations (4)*Class Hours: 72 Lecture**Prerequisite: MATH 2A or equivalent*

Math 2B is the study of first-order linear differential equations and their applications in science and engineering, linear differential equations of higher order applications of second-order differential equations to vibrational models, differential equations with variable coefficients, Laplace transformations, and systems of linear differential equations. (*Please note: This course is offered infrequently*). (CID MATH 240) (AA, CSU, UC)

MATH 10A Structure & Concepts in Mathematics I (3)*Class Hours: 54 Lecture**Prerequisite: MATH 63 or equivalent*

Math 10A is designed for prospective elementary school teachers. The course covers the development of real numbers including integers, rational and irrational numbers, computation, prime numbers and factorizations, and problem solving strategies. This class does not satisfy G.E. math requirements for non-Liberal Studies majors. (CID MATH) (AA, CSU)

MATH 15 Precalculus (5)*Class Hours: 90 Lecture**Prerequisite: MATH 63 or equivalent*

MATH 15 is an intensive course covering those topics traditionally found in the separate courses of trigonometry and college algebra. This course will include an in-depth analysis and application of linear, quadratic, polynomial, exponential, logarithmic, trigonometric functions and their graphs, systems, and analytic geometry. (CID MATH 955)

MATH 25 Introduction to Statistics (4)*Class Hours: 72 Lecture**Prerequisite: MATH 63 or equivalent*

MATH 25 is an introduction to the use of probability techniques, hypothesis testing, and predictive techniques to facilitate decision-making. Topics include descriptive statistics; probability and sampling distributions; statistical inference; correlation and linear regression; analysis of variance, chi-square and t-tests; and application of technology for statistical analysis including the interpretation of the relevance of the statistical findings. Applications using data from disciplines including business, social sciences, psychology, life science, health science, and education. (CID MATH 110) (AA, CSU, UC)

MATH 61 Elementary Algebra (5)*Class Hours: 90 Lecture**P/NP**Prerequisite: MATH 101 or equivalent*

MATH 61 is the first course in a two semester sequential elementary and intermediate algebra program. Topics for elementary algebra include arithmetic review, solving linear equations and inequalities in one variable, graphing linear equations and inequalities in two variables, solving linear systems, operations with polynomials, solving equations by factoring, operations with rational expressions, and addition of radical expressions. (AA)

MATH 63 Intermediate Algebra (5)*Class Hours: 90 Lecture**P/NP**Prerequisite: MATH 61 or equivalent*

MATH 63 is the second course in a two semester sequential elementary and intermediate algebra program. Topics for intermediate algebra include factoring, solving quadratic, rational and radical equations, inequalities, integer and rational exponents, graphing conics, functions, scientific notation, and applications. (AA)

MATH 100 Prealgebra (3)*Class Hours: 54 Lecture*

MATH 100 is designed to prepare students for Math 61 (Elementary Algebra). Topics include fractions, decimals, ratios and proportion, percentages, unit analysis and conversions, geometry, algebraic expressions and linear equations in one variable. This course requires a minimum placement score on the Math Placement Exam.

MATH 101 Basic College Mathematics (.5-5)*Class Hours: 90 Lecture**P/NP*

Math 101 is a comprehensive course providing review of basic computational math skills and their applications. The topics for basic mathematics include whole numbers, fractions, decimals, ratios, proportions, percents, consumer application, statistics, U.S. measurement, metric measurement, rational numbers, pre-algebra, and geometry. (NDA)

Non-Credit**NC 50 Introduction to Tutoring and Supplemental Instruction (0)***Class Hours: 54 (Max) Lecture, 54 (Max) Laboratory*

NC 50 is an intensive introduction to tutoring and Supplemental Instruction (SI) that provides students with information, techniques, and experiences that will make them more effective tutors/SI leaders.

NC 200 College Reading and Writing Preparedness (0)*Class Hours: 36 Lecture*

NC 200 is designed to prepare the Basic Skills English student for successful placement into ENG 100. Content includes, but is not limited to, parts of speech, sentence structure, and reading comprehension.

NC 210 ESL for College and Work (0)*Class Hours: 36 Lecture*

NC 210 is designed to help the English Language Learner acquire general language skills needed to function effectively in work and academic environments. Emphasis is placed on practice of listening, speaking, reading, writing, and computer skills.

Physical Education

Activity Courses

PE 24 Circuit Training (5-1)

Class Hours: 54 Laboratory

PE 24 Circuit Training is an activity class involving a series of weight training stations. The weight trainer performs an exercise at one station and rapidly moves to the next station with little or no rest. (AA, CSU, UC)

PE 32C Advanced Basketball (1)

Class Hours: 54 Laboratory

PE 32C is the third in a series of three courses designed to provide instruction and practice in the advanced skills necessary for participation in competitive basketball. The course will develop advanced skills and knowledge of the game, with specific emphasis on the individual and team skills as they relate to defensive and offensive systems.

Political Science

POLSCI 5 Introduction to Political Theory (3)

Class Hours: 54 Lecture

Strongly Recommended Preparation: ENG 51A or equivalent

This course will examine the various theoretical approaches to politics and basic political problems and proposed solutions: Analysis of selected political theories, relevance of theory to contemporary problems, and new approaches to political thought. (CID POLS 120) (AA, CSU, UC)

POLSCI 10 Modern Politics (3)

Class Hours: 54 Lecture

Strongly Recommended Preparation: ENG 1A or equivalent

This course is designed to introduce the student into the field of Political Science. The course will have a broad overview of political theories, the nature, power and development of government. Students will apply political science methodologies to the different fields of political science such as how the individual will interact with the state within the sub field of political theory. (CID POLS 150) (AA, CSU, UC)

POLSCI 20 Legal and Judicial Reasoning (3)

Class Hours: 54 Lecture

Strongly Recommended Preparation: ENG 51A or equivalent

This course entails an in depth analysis of the American legal system. From Constitutional law to statutory and common law implementation. Students will examine court rulings and see how those rulings have evolved and changed civil liberties and society. (AA, CSU, UC)

Psychiatric Technician

PSYTEC 12 Nursing Science (18.5)

Class Hours: 225 Lecture, 324 Laboratory

Prerequisites: PSYTEC 10, VNPT 90, and ENG 51A or equivalent placement test scores

Strongly Recommended Preparation: BIO 32, PSYCH 1, HS 5 or equivalents

Nursing Science will present the principles of mental health and physical health, the maintenance of health, anatomy and physiology, and an understanding of disease and its treatment. Students will develop the ability to perform basic care activities, provides learning experiences in the care of children, adults, and aged patients with medical/surgical conditions. (AA)

PSYTEC 91 State Board Review for Psychiatric Technician Students (1.5)

Class Hours: 27 Lecture

PSYTEC 91 is intended to prepare students enrolled in or recently completed a Psychiatric Technician Program with a review of Nursing Science, Developmental Disabilities, and Mental Disabilities and provide testing strategies and build student confidence in preparation for the State Licensure Exam for Psychiatric Technicians. (AA)

PT 52 Medical Surgical Nursing (4.5)*Class Hours: 81 Lecture**Prerequisite: VNPT 51**Corequisite: PT 52L**Enrollment Limitations: Acceptance into the West Hills College Psychiatric Technician Program*

PT 52 will present intermediate and advanced nursing care skills and the role and responsibilities of the professional nurse/psychiatric technician. Students will learn medical/surgical nursing skills using a body-systems approach.

PT 61 Introduction to Developmental Disabilities (5)*Class Hours: 90 Lecture**Prerequisite: PT 52, VNPT 60**Corequisite: PT 61L, VNPT 82*

PT 61 examines the care of individuals with intellectual and developmental disabilities within the framework of residential care and treatment facilities. Students will learn strategies and concepts that build upon basic nursing skills in the management and care of this special population.

PT 61L Introductions to Developmental Disabilities Clinical (3)*Class Hours: 162 Laboratory**Corequisite: PT 61*

PT 61L will provide students the opportunity to apply foundational principles in the care of clients with developmental and intellectual disabilities. Students will be required to travel to community sites and follow policy and procedures according to industry standards.

PT 62 Developmental Disabilities (4.5)*Class Hours: 81 Lecture**Prerequisite: PT 61**Corequisite: PT 62L, VNPT 82*

PT 62 examines the care of individuals with intellectual and developmental disabilities originating from genetic and gestational factors. Students will also be presented with the history and use of applied behavior analysis and behavior modifications strategies.

PT 62L Developmental Disabilities Clinical (3)*Class Hours: 162 Laboratory**Corequisite: PT 62*

PT 62L will allow the application of nursing care skills in developing the role and responsibilities of the professional nurse/psychiatric technician. Students will develop nursing skills and behavior modification practices within the context of developmental and intellectual disabilities and provide hands-on patient care at community based clinical sites.

PT 71 Introduction to Mental Disorders (5)*Class Hours: 90 Lecture**Prerequisite: PT 62, VNPT 70**Corequisite: PT 71L, VNPT 83*

PT 71 will introduce psychological and mental health concepts as they relate to the professional Psychiatric Technician. The causes, prevention, and treatment of mental, emotional and behavioral disorders will be examined by providing practice in interpersonal skills, self-understanding, problem solving, communication, and the use of rehabilitation methods in providing patient care.

PT 71L Introductions to Mental Disorders Clinical (3)*Class Hours: 162 Laboratory**Corequisite: PT 71*

PT71L will allow the introductory applications of hands-on patient care in the area of psychological and mental health to individuals at the forensic clinical sites relate to the Psychiatric Technician profession. The causes, prevention, and treatment of mental, emotional and behavioral disorders will be examined by providing practice in interpersonal skills, self-understanding, problem solving, communication, and the use of rehabilitation methods in providing patient care. Students will be expected to travel to clinical sites.

PT 72 Mental Disorders (4.5)

Class Hours: 81 Lecture

Prerequisite: PT 71

Corequisite: PT 72L, VNPT 83

PT 72 will be an in-depth study of psychological and mental health concepts as they relate to the professional psychiatric technician. The causes, prevention, and treatment of mental, emotional and behavioral disorders will be examined by providing practice in interpersonal skills, self-understanding, problem solving, communication, and the use of rehabilitation methods in providing patient care.

PT 72L Mental Disorders Clinical (3)

Class Hours: 162 Laboratory

Corequisite: PT 72

PT 72L will allow the application of intermediate and advanced hands-on patient care of the psychological and mental health of individuals at the forensic clinical sites within the role and scope of psychiatric technician. The causes, prevention, and treatment of mental, emotional and behavioral disorders will be examined by providing practice in interpersonal skills, self-understanding, problem solving, communication, and the use of rehabilitation methods in providing patient care. Students will be expected to travel to clinical sites.

PT 101 Psychiatric Technician Training Program Orientation (1.5)

Class Hours: 27 Lecture

Enrollment Limitations: Acceptance into the West Hills College Psychiatric Technician Program

PT 101 will prepare the student for the West Hills College Psychiatric Technician Training Program. Students will receive a program handbook, orientation to policy and procedures, calendars, syllabi, travel expectations and required material. (AA)

Psychology

PSYCH 1 Introductory Psychology (3)

Class Hours: 54 Lecture

Prerequisite: ENG 51A or equivalent

PSYCH 1 is the scientific study of behavior and mental processes. The content focuses on the exploration of major psychological theories and concepts, methods, and research findings in psychology. Topics include the biological bases of behavior, perception, cognition and consciousness, learning, memory, emotion, motivation, development, personality, social psychology, psychological disorders and therapeutic approaches, and applied psychology. (CID PSY 110) (AA, CSU, UC)

PSYCH 3 Developmental Psychology (3)

Class Hours: 54 Lecture

Prerequisite: ENG 51A or equivalent

This course provides an overview, from a psychological perspective, of human development from conception through death, including biological and environmental influences. Theories and research of physical, cognitive, personality, and social development are examined, as well as attention to developmental problems. (CID PSY 180) (AA, CSU, UC)

PSYCH 4 Personal Psychology (3)

Class Hours: 54 Lecture

Prerequisite: ENG 51A or equivalent

PSYCH 4 is a general course in the principles of mental hygiene. It involves the analysis of personal behavior and attitudes in adjustment at home, at work, and in social relationships. (AA, CSU)

PSYCH 6 Research Methods in Psychology (3)*Class Hours: 54 Lecture**Prerequisite: PSYCH 1 or equivalent, MATH 25 or equivalent*

This course surveys various psychological research methods with an emphasis on research design, experimental procedures, descriptive methods, instrumentation, and the collection, analysis, interpretation, and reporting of research data. Research design and methodology will be examined through a review of research in a variety of the sub-disciplines of psychology. (CID PSY 200) (AA, CSU, UC)

Vocational Nursing and Psychiatric Technician**VNPT 51 Fundamentals of Nursing (5)***Class Hours: 90 Lecture**Prerequisite: ENG 51A or equivalent, MATH 101 or VNPT 90 or equivalent, VNPT 50 or BIO 32 or equivalent**Corequisite: VNPT 51L, VNPT 81**Strongly recommended preparation: HS 5**Enrollment Limitations: Acceptance into the West Hills College Psychiatric Technician Program*

VNPT 51 will present basic nursing care skills and the role and responsibilities of the professional nurse/psychiatric technician. Students will learn entry level patient care skills including the application of critical thinking and the nursing process.

VNPT 51L Fundamentals of Nursing Clinical (3)*Class Hours: 162 Laboratory**Corequisite: VNPT 51, VNPT 81*

VNPT 51L will present basic nursing care skills and the role and responsibilities of the professional nurse/psychiatric technician. Students will attend course in both skills laboratory and community patient care environments including skilled nursing facilities. Students will be required to travel to community sites.

VNPT 60 Life Span for Nurses (2)*Class Hours: 36 Lecture**Strongly recommended preparation: ENG 51A or equivalent*

VNPT 60 will present an overview of basic human development from gestation through adult necessary to provide psychiatric technician and vocational nursing students with the foundational understanding of the human life span.

VNPT 70 Psychology for Nurses (2)*Class Hours: 36 Lecture*

VNPT 70 will present an overview of human psychology and the many approaches psychologists take in understanding human behavior.

VNPT 81 Pharmacology 1 (1)*Class Hours: 18 Lecture**Prerequisite: ENG 51A or equivalent, MATH 101 or VNPT 90 or equivalent, VNPT 50 or BIO 32 or equivalent**Corequisite: VNPT 51, VNPT 51L**Strongly recommended preparation: HS 5**Enrollment Limitations: Acceptance in the West Hills College Psychiatric Technician Program*

VNPT 81 is an overview of basic pharmacological principles, terminology, legal, and safety aspects of medication administration as it pertains to the role of the psychiatric technician. This course will help students understand drug classifications, effects, and client teaching principles with emphasis on anti-infective, cardiovascular, respiratory, renal, gastrointestinal and endocrine medications.

VNPT 82 Pharmacology 2

(1)

Class Hours: 18 Lecture

Prerequisite: VNPT81

Corequisite: PT 61, PT 61L

VNPT 82 is a continuation of basic pharmacological principles, terminology, legal and safety aspects of medication administration as it pertains to the role of the psychiatric technician. This course will help students understand drug classifications, effects, and client teaching principles with emphasis on: central nervous system drugs, medications used to modify behavior, immunizing agents, immune-suppressives, chemotherapeutics, respiratory system medications, analgesics, anti-inflammatories, gastrointestinal medications, and antimicrobials.

VNPT 83 Pharmacology 3

(1)

Class Hours: 18 Lecture

Prerequisite: VNPT82

Corequisite: PT 71, PT 71L

VNPT 83 is a continuation of basic pharmacological principles, terminology, and legal and safety aspects of medication administration as it pertains to the role of psychiatric technician. This course will help students understand drug classifications, effects, and client teaching principles with emphasis on: adrenergic, cholinergic, antipsychotic, antidepressant, and anxiolytic drugs.

VNPT 90 Math for the Medical Professions

(1)

Class Hours: 18 Lecture

VNPT 90 is a remedial math course designed primarily for students enrolled in a vocational program related to the health field. The main topics covered include long division, operations with fractions, decimals and percents, decimal fractions and the various conversions associated with these forms. (AA)

Course Deletion

AGMM 51, Introduction to Agricultural Manufacturing

AGMM 52A, Trade Mathematics

AGMM 52B, Computer Fundamentals

AGMM 52C, Job Preparation

AGMM 52D, Technical Report Writing

AGMM 53A, Fluid Power Fundamentals

AGMM 53B, Pneumatic Fundamentals

AGMM 53C, Hydraulic Fundamentals

AGMM 54A, Power Transmission

AGMM 54B, Welding Fundamentals

AGMM 54C, Electrical Fundamentals

AGMEC 72, Agricultural Surveying

Course Inactivation

ART 13D, Advanced Ceramics

ART 15D, Advanced Painting

ASCI 5, Rodeo Skills and Management

ASCI 6, Rodeo Production and Promotion

ASCI 7, Intercollegiate Rodeo

ASCI 8, Advanced Intercollegiate Rodeo

CHEM 2B, Introductory Chemistry II

CHEM 55, Basic Mathematics for Beginning Chemistry

EA 31, Introduction to Teaching

EA 55, General Tutoring

EA 56, Tutoring the Elementary Student

GEOG 12, Grand Canyon Field Trip

HIST 34, Introduction to Black Studies

HVY EQP 50, Heavy Equipment Operation

IS 50, Orientation for International Students

IS 55, Ensuring Successful Academic Progress

WT 40, Introduction to Welding

WT 41, Intermediate Welding

Program Inactivation

AGMM 51 - 54C, Agriculture Maintenance Mechanic Program

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