

**CURRICULUM COMMITTEE**  
**November 20, 2015**  
**MINUTES**

**PRESENT:** Tamara Clunis, (chair), Dan Ferguson, Debby Hall, Diane Brice, Edie Carter, Jerry Terry, Jodi Lindseth, Karen Taylor, Kim Hays, Kristin Edford, Kristin McDonald-Willey, Mary Clare Munger, Melissa Burns, Tamra Rocsko, Richard Pullen, Sherri Nunn for Kim Crowley, Toni Gray, Sarah Davis as recorder.

**ABSENT:** Deborah Vess, Becky Burton, Claudie Biggers, Brian Farmer, Frank Sobey, Jason Norman, Judy Isbell, Kim Crowley, and Kelly Prater, Mark Rowh, Scott Rankin,

**Minutes of October 16:** Reviewed, motion made to approve minutes, seconded and approved by all.

**PROPOSALS (2) presented by Kristin Edford:**

Proposal to remove the Prerequisite for students to have 20 hours or instructors consent in order to register for PHIL 1301 Introduction to Philosophy or PHIL 2303 Introduction to Formal Logic.

ACGM ruling on these courses and the practice of other Texas community colleges was discussed.

Second proposal to remove HUMA 2173 and 2174 from Amarillo Course Catalog.

Discussion followed of the reasoning of the courses beginning.

Motion made to approve the first proposal to remove the prerequisites for PHIL 1301 and PHIL 2303. Motion seconded, and approved by all.

Motion made to remove HUMA 2173 and HUMA 2174 from AC Catalog. Motion seconded and approved by all.

**PROPOSAL by Lynae' Jacob presented by Dan Ferguson:**

Deactivate Speech AS degree plan.

Discussion of having few students majoring in speech, and they do so to transfer to WT. There will be no teach out involved.

Lynae' Jacob will notify the three students effected (to change degree plan to General Studies).

Motion made to approve deactivating the Speech AS degree plan. Motion seconded and approved by all.

**PROPOSALS (2) by LaVon Barrett presented by Richard Pullen:**

Request to change VNSG 1410 to VNSG 2410

Discussion of archiving VNSG 1410 per WECM level changes. Replacing a class with same rubric, not changing hours or teaching in the VN program. WECM requested this change

Richard Pullen presented second proposal:

Request to change HECO 1322 to HITT 1301 in all areas of the course catalog. These changes were approved in 2012 by the AC Curriculum Committee. The courses were not reflected in the course catalog.

Motion made to replace 1410 with VNSG 2410 as requested by WECM. Motion seconded and approved by all

Motion made to correct the over site of HECO 1322 with HITT 1301 in the course catalog. Motion seconded and approved by all.

**PROPOSALS (3) by Collin Witherspoon presented by Dan Ferguson:**

Requesting prerequisite COSC 1336 to be returned to the COSC 1436 course. This was an over site during the time of reducing programs to 60 hours.

Discussion of students not having the COSC 1336 knowledge being able to complete the COSC 1436 and the ACGM ruling.

Motion moved for COSC 1336 to be added as a prerequisite for COSC 1337; also COSC 1337 as a prerequisite to COSC 2336 be added. Motion seconded and approved by all

The request to add COSC 1330 or MATH 1414 as a prerequisite for COSC 1336 was not passed. Dan Ferguson will notify Collin Witherspoon.

**PROPOSAL by Mary Clare Munger presented by Dan Ferguson:**

Requests TECA 1301 be left in the catalog due to some institutions will accept the course, but it will no longer be required due to WT will no longer accept this course. Instead of requiring TECA 1301 to allow students to take one of the other 18 credits that will be accepted by WT. This will also assist students that already have taken the class.

Mary Clare Munger joined meeting: Discussion of WT's shrinking their program hours, for the betterment of students, reduction of substitutions and assist in advising per university choice.

Motion made to leave TEC 1303 in the catalog, motion seconded and approved by all.

**PROPOSAL BY Kim Crowley presented by Sherri Nunn:**

Creation of a new Level One Certificate Program – from existing CE program – Patient Care Technician (PCT)

Discussion of the CE courses and offering these courses as Academic courses. The creation of this certificate program will allow the approximately 200 Continuing Education – Nurse Aid students each year to have a pathway on the academic side.

It is understood this will be an all new program.



Motion made to approve new Level One Certificate Program "Patient Care Technician" (PCT).  
Motion seconded and approved by all.

**PROPOSAL presented by Kim Hays:**

Request change of LINE.CERT – Utility Power Worker Certificate from 51 Semester Hours to 30 Semester Hours.

Discussion of industry requests of these students, CIP and changes from a level two to a second level one certificate. Deactivation of courses will be brought back to the table at a later time.

Motion made to approve changes for a 30 semester hour Level One Certificate for Utility Power Worker.  
Motion seconded and approved by all.

Copies of all proposals will be attached to these minutes.

Adjourned at 10:40 am

## Curriculum Revision Request Form

Examples:

Course Revision  
Program Revision  
New Course

Division: Liberal Arts and Sciences

Department / Program: Humanities and Philosophy

Prepared by: Kristin Edford

Request: To remove the Prerequisite requirements for two Philosoc

- Course additions must include student learning outcomes
- Program changes/additions must include program goals

a.

The current Amarillo College Catalog 201~~4~~<sup>5</sup> - 201~~5~~<sup>6</sup> states that students must have 20 hours or Instructors consent in order to register for PHIL 1301 Introduction to Philosophy or PHIL 2303 Introduction to Formal Logic

b.

c.

d.

**PHED 2117\* - Golf II**

Prerequisite: PHED 1117

Instruction in intermediate golfing techniques, history, rules and safety. Opportunity to participate in different types of competition.

Hours (1 sem hr; 3 act)

**PHED 2118\* - Tennis II**

Prerequisite: PHED 1118

Advanced phases of the fundamentals of tennis such as the return of the serve, approach shots, strategy and the more technical rules of the game. Drills, tournaments and films included.

Hours (1 sem hr; 3 act)

**PHED 2119\* - Racquetball II**

Prerequisite: PHED 1119

For students who have satisfactorily completed PHED 1119 or have had previous racquetball experience.

Hours (1 sem hr; 3 act)

**PHED 2120\* - Volleyball II**

Prerequisite: PHED 1120

Skills, rules and advanced techniques in power volleyball with opportunity to practice in class tournaments.

Continuation of Volleyball I.

Hours (1 sem hr; 3 act)

**PHED 2121\* - Runfit II**

Prerequisite: PHED 1121

A continuation of PHED 1121. Running for fitness through a variety of workouts and challenging techniques. Adaptive to all fitness levels.

Hours (1 sem hr; 3 act)

**PHED 2122\* - Recreational Sports II**

A continuation of PHED 1122. Informal recreational basketball, flag football or soccer, adaptive to all skill levels. Specific sport varies by semester.

Hours (1 sem hr; 3 act)

**PHED 2128\* - Fitness Fusion II**

A continuation of PHED 1128. An eight-week course meeting four days per week with workouts tailored to the individual. Activity/activities alternate between Monday/Wednesday and Tuesday/Thursday and produce accelerated results.

Hours (1 sem hr; 3 act)

**PHIL 1301\* - Introduction to Philosophy**

Prerequisite: 20 semester hours or instructor consent

A study of major issues in philosophy and/or the work of major philosophical figures in philosophy. Topics in philosophy may include theories of reality, theories of knowledge, theories of value and their practical applications.

Hours (3 sem hrs; 3 lec)

**PHIL 1304\* - Introduction to World Religions**

A comparative study of world religions, including but not limited to Hinduism, Buddhism, Judaism, Christianity and Islam.

Hours (3 sem hrs; 3 lec)

**PHIL 2303\* - Introduction to Formal Logic**

Prerequisite: 20 semester hours or instructor consent

The purpose of the course is to introduce the student to symbolic logic, including syllogisms, propositional and predicate logic, and logical proofs in a system of rules.

Hours (3 sem hrs; 3 lec)

**PHIL 2306\* - Introduction to Ethics**

The systematic evaluation of classical and/or contemporary ethical theories concerning the good life, human conduct in society, morals and standards of value.

Hours (3 sem hrs; 3 lec)

**PHIL 2307 - Introduction to Social & Political Philosophy**

A study of major issues in social and political theory and/or the work of major philosophical figures in this area.

Hours (3 sem hrs; 3 lec)

**PHIL 2321 - Philosophy of Religion**

A study of the major issues in the philosophy of religion such as the existence and nature of God, the relationships between faith and reason, the nature of religious language, religious experience and the problem of evil.

Hours (3 sem hrs; 3 lec)

**PHRA 1102 - Pharmacy Law**

Survey of federal and state laws governing the practice of pharmacy. Describes the legal and ethical constraints governing technician responsibilities and pharmacist responsibilities in various settings.

Hours (1 sem hrs; 1 lec)

**PHRA 1143 - Pharmacy Technician Certification Review**

Corequisite: PHRA 1166

A review of major topics covered on the National Pharmacy Technician Certification examination.

Hours (1 sem hrs; 1 lec)

**PHRA 1166 - Practicum (or Field Experience) Pharmacy Technician/Assistant**

Prerequisites: PHRA 1102, PHRA 1301, PHRA 1309 and PHRA 1404

Corequisites: PHRA 1306 and PHRA 1345

Practical, general workplace training supported by an individualized learning plan developed by the employer, college and student.

Hours (1 sem hr; 10 practicum)

**PHRA 1301 - Introduction to Pharmacy**

An overview of the qualifications, operational guidelines and job duties of a pharmacy technician. Topics include definitions of a pharmacy environment; the profile of a pharmacy technician; legal and ethical guidelines; job skills and duties; verbal and written communication skills; professional resources and safety techniques.

Hours (3 sem hrs; 3 lec)

**PHRA 1306 - Computerized Drug Delivery Systems I**

Prerequisites: PHRA 1301 and PHRA 1309

Fundamentals of computer information systems and technology within the health care system. Includes specialized skills in the production of pharmaceutical documentation using selected pharmacy software packages and an overview of equipment and devices for drug distribution, preparation and manufacturing. Also covers mechanical, automatic and robotic drug delivery systems.

Hours (3 sem hrs; 3 lec)

**PHIL (Philosophy)**

no pre-req

**PHIL 1301 Introduction to Philosophy**

A study of major issues in philosophy and/or the work of major philosophical figures in philosophy. Topics in philosophy may include theories of reality, theories of knowledge, theories of value, and their practical applications.

Approval Number.....	38.0101.51 12
maximum SCH per student .....	3
maximum SCH per course .....	3
maximum contact hours per course.....	48

**Learning Outcomes**

Upon successful completion of this course, students will:

1. Read, analyze, and critique philosophical texts.
2. Demonstrate knowledge of key concepts, major arguments, problems, and terminology in philosophy.
3. Present logically persuasive arguments both orally and in writing.
4. Demonstrate critical thinking skills in evaluation and application of philosophical concepts to various aspects of life.
5. Evaluate the personal and social responsibilities of living in a diverse world.

**PHIL 1304 Introduction to World Religions**

A comparative study of world religions, including but not limited to Hinduism, Buddhism, Judaism, Christianity, and Islam.

Approval Number.....	38.0201.52 12
maximum SCH per student .....	3
maximum SCH per course .....	3
maximum contact hours per course.....	48

**Learning Outcomes**

Upon successful completion of this course, students will:

1. Read, analyze, and critique religious texts.
2. Demonstrate knowledge of beliefs, practices, values, and terminology of major world religions.
3. Trace the historical developments and cultural expressions of world religions.
4. Articulate key conceptual distinctions in world religions.
5. Communicate understanding of world religions, orally or in writing.
6. Communicate ways of living responsibly in a world where people have diverse religious beliefs.

**PHIL 1316 History of Religions I** (scheduled for deletion spring 2016)  
**PHIL 1317 History of Religions II** (scheduled for deletion spring 2016)

A comparative study of world religions, including but not limited to Hinduism, Buddhism, Judaism, Christianity, and Islam.

Approval Number.....	38.0201.51	12
maximum SCH per student .....		6
maximum SCH per course .....		3
maximum contact hours per course.....		48

**Learning Outcomes**

Upon successful completion of this course, students will:

1. Read, analyze, and critique religious texts.
2. Demonstrate knowledge of diverse beliefs, practices, and values of selected religious traditions.
3. Trace and present orally or in writing the origin and historical developments of selected religious traditions.
4. Communicate understanding of selected religious traditions, orally or in writing.
5. Discuss ways of living responsibly in a world where people have diverse religious beliefs.

no pre-req  
**PHIL 2303 Introduction to Formal Logic**

The purpose of the course is to introduce the student to symbolic logic, including syllogisms, propositional and predicate logic, and logical proofs in a system of rules.

Approval Number.....	38.0101.52	12
maximum SCH per student .....		3
maximum SCH per course .....		3
maximum contact hours per course.....		48

**Learning Outcomes**

Upon successful completion of this course, students will:

1. Determine the logical structure of English arguments by identifying premises and conclusions.
2. Understand basic concepts in logic, such as truth functionality, validity, soundness, counter-examples, tautology, self-contradiction, logical equivalence, logical contradictoriness, and logical consistence.
3. Translate English statements into propositional and/or predicate notation.
4. Determine the validity of symbolic propositional or predicate arguments using such methods as direct/indirect truth tables, natural deduction, and/or the finite universe method.

**PHIL 2306 Introduction to Ethics**

The systematic evaluation of classical and/or contemporary ethical theories concerning the good life, human conduct in society, morals, and standards of value.

Approval Number.....	38.0101.53	12
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## Curriculum Revision Request Form

Examples:

Course Revision  
Program Revision  
New Course

Division: Liberal Arts and Sciences

Department / Program: Humanities and Philosophy

Prepared by: Kristin Edford

Request: Removal of HUMA 2173 and 2174 from AC Course Catalog

- Course additions must include student learning outcomes
- Program changes/additions must include program goals

a. The following Humanities courses HUMA 2173 Honors Seminar I and HUMA 2174 Honors Seminar II are not listed in the Academic Course Guide Manual. The course numbers are not used by the Honors Program.

b.

c.

d.



A study of the intelligence community. Includes the role of intelligence and law enforcement. Topics include collection methods, management of operations, classification, production and analysis, and assessment of threat vulnerability. Source development will be conducted.  
Hours (3 sem; 3 lec)

#### **HMSY 1341 - Critical Infrastructure Protection**

Identification and analysis of critical infrastructure systems including security and threat assessments. Includes mitigation of threats as well as evaluation and revision of security measures in order to protect critical infrastructures.  
Hours (3 sem; 3 lec)

#### **HMSY 1342 - Understanding and Combating Terrorism**

Study of terrorism and reasons why America is a terrorist target. Includes methods of combating domestic and international terrorism terrorist operations, cyber-terrorism, narco-terrorism, the mind of the terrorist and organized crime's impact on terrorism.  
Hours (3 sem; 3 lec)

#### **HMSY 1343 - Weapons of Mass Destruction**

This course covers hazard and risk assessment, crime scene preservation, chemical agents, biological agents, radiological agents, explosive devices, detection-sampling and plume models, and personal protection methods. The critical role of first responders in weapons of mass destruction, mitigation and survival will also be presented. Discussion will include historical events related to the use of weapons of mass destruction.  
Hours (3 sem; 3 lec)

#### **HMSY 1391 - Special Topics for Homeland Security**

Topics address recently identified current events, skills, knowledge and/or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student. This course was designed to be repeated multiple times to improve student proficiency.  
Hours (3 sem; 3 lec)

#### **HMSY 2337 - Managing a Unified Incident Command**

A study of the common set of procedures of the unified incident command system for organizing personnel, facilities, equipment and communications to successfully coordinate multi-agency response. Includes the identification and application of key roles and functional responsibilities for professionally managing multi-agency incidents. Also covers one or more practical application exercises and/or scenarios.  
Hours (3 sem; 3 lec)

#### **HONR 1011 - Honors Seminar**

Prerequisites: EDUC 1100, EDUC 1200; Enrollment limited to Honors Program students  
Examination of the practices and skills of leadership from reading and group projects.  
Hours (0 sem hrs; 1 lec)

#### **HONR 1012 - Honors Seminar**

Prerequisites: EDUC 1100, EDUC 1200; Enrollment limited to Honors Program students  
A continuation of HONR 1011 with practice in leadership and team building.  
Hours (0 sem hrs; 1 lec)

Enrollment limited by application. Students must have a minimum GPA of 2.5 and be free of disciplinary action.  
Hours (0 sem hrs; 1 lec)

#### **HPRS 1205 - Essentials of Medical Law/Ethics for Health Professionals**

Introduction to the relationship between legal aspects and ethics in health care, with emphasis on responsibilities of health care professionals.  
Hours (2 sem hrs; 2 lec)

#### **HPRS 2200 - Pharmacology for Health Professionals**

Corequisite: RNSG 1227 and RNSG 1261  
A study of drug classifications, actions, therapeutic uses, adverse effects, routes of administrations and calculation of dosages.  
Hours (2 sem hrs; 2 lec)

#### **HPRS 2301 - Pathophysiology**

Prerequisite: HITT 1305  
Study of the pathology and general health management of diseases and injuries across the life span. Topics include etiology, symptoms and the physical and psychological reactions to disease and injuries.  
Hours (3 sem hrs; 3 lec)

**Note:** This non-transferable course is designed to meet the needs of Mortuary Science students.

#### **HRPO 1311 - Human Relations**

Practical application of the principles and concepts of the behavioral sciences to interpersonal relationships in the business and industrial environment.  
Hours (3 sem hrs; 3 lec)

#### **HRPO 2301 - Human Resources Management**

Behavioral and legal approaches to the management of human resources in organizations.  
Hours (3 sem hrs; 3 lec)

#### **HUMA 1301\* - Introduction to the Humanities I**

This stand-alone course is an interdisciplinary survey of cultures focusing on the philosophical and aesthetic factors in human values with an emphasis on the historical development of the individual and society and the need to create.  
Hours (3 sem hrs; 3 lec)

#### **HUMA 1302\* - Introduction to the Humanities II**

This stand-alone course is an interdisciplinary survey of cultures focusing on the philosophical and aesthetic factors in human values with an emphasis on the historical development of the individual and society and the need to create.  
Hours (3 sem hrs; 3 lec)

#### **HUMA 1315\* - Fine Arts Appreciation**

This course is an exploration of the purposes and processes in the visual and performing arts (such as music, painting, architecture, drama and dance) and the ways in which they express the values of cultures and human experience.  
Hours (3 sem hrs; 3 lec)

#### **HUMA 2173 - Honors Seminar I**

Prerequisite: Enrollment limited to Honors Program students  
Examination of the practices and skills of leadership from classic readings in the humanities case studies, films and group projects.  
Hours (1 sem hr; 1 lec)

*Remove*



*Remove*

**HUMA 2174 - Honors Seminar II**

Prerequisite: Enrollment limited to Honors Program students who completed HUMA 2173  
Continuation of Honors Seminar I with practice in leadership and team building. Based on additional humanities readings, films and projects.  
Hours (1 sem hr; 1 lec)

**HUMA 2323 - World Cultures**

This course is a general study of diverse world cultures. Topics include cultural practices, social structures, religions, arts and languages.  
Hours (3 sem hrs; 3 lec)

**IEIR 1306 - Electric Motors**

Prerequisite: INMT 1305 and ELPT 1311  
Fundamentals of single phase and three phase alternating current motors and direct current motors including operating principles, characteristics, application, selection, installation, maintenance and troubleshooting.  
Hours (3 sem hrs; 2 lec, 2 lab)

**IEIR 1310 - Motor Controls**

Prerequisite: INMT 1305 and ELPT 1311  
General principles and fundamentals of electrical controls and control components including magnetic motor starters, troubleshooting techniques, overload protection and various protective devices, relay logic, schematics and diagrams.  
Hours (3 sem hrs; 2 lec, 2 lab)

**IEIR 1312 - Distribution Systems**

Prerequisite: INMT 1305 and ELPT 1311  
Fundamentals of distribution systems including single-phase, three-phase and poly-phase systems. Grounding, circuit breakers, ground fault protection devices and the National Electric Code.  
Hours (3 sem hrs; 2 lec, 2 lab)

**IEIR 1343 - Industrial Equipment Maintenance**

Maintenance and repair of power transmission systems involving gear, V-belt and chain drives with emphasis on both plain and anti-friction bearings. Introduces theory of various types of pumps and compressors. Laboratory activities include maintenance, repair, lubrication and overhaul procedures used in common process pumps, gear boxes and compressors.  
Hours (3 sem hrs; 2 lec, 2 lab)

**IFWA 1217 - Food Production and Planning**

Skill development in basic mathematical operations and study of their applications in the food service industry. Topics include percentages, weights and measures, ratio and proportion, weights and measures conversions, determination of portion costs for menu items and complete menus, portion control and the increase and decrease of standard recipes.  
Hours (2 sem hrs; 2 lec)

**IMED 1316 - Web Page Design I**

Prerequisite: ARTC 1325 or PHTC 1300 or instructor consent  
Instruction in web page design and related graphic design issues including markup languages, web sites and browsers.  
Hours (3 sem hrs; 2 lec, 4 lab)

**IMED 1345 - Interactive Multimedia I**

Prerequisite: ARTC 1325  
Exploration of the use of graphics and sound to create interactive multimedia animations using industry standard authoring software.  
Hours (3 sem hrs; 2 lec, 4 lab)

**IMED 2315 - Web Page Design II**

Prerequisite: IMED 1316  
A study of mark-up language and advanced layout techniques for web pages. Emphasis on identifying the target audience and producing web sites according to accessibility standards, cultural appearance and legal issues.  
Hours (3 sem hrs; 2 lec, 4 lab)

**IMED 2345 - Interactive Multimedia II**

Prerequisite: IMED 1345  
Instruction in the use of scripting language to create interactive multimedia projects. Topics include building a user interface, writing script and debugging.  
Hours (3 sem hrs; 2 lec, 4 lab)

**IMED 2359 - Interactive Web Elements**

Production of projects using current web development tools that may incorporate dynamic data, web graphics, animation, video and audio streaming.  
Hours (3 sem hrs; 3 lec, 1 lab)

**INDS 1291 - Introduction to Interior Design**

Topics address recently identified current events, skills, knowledge and/or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student. This course was designed to be repeated multiple times to improve student proficiency.  
Hours (2 sem hrs; 2 lec, 1 lab)

**INDS 1301 - Basic Elements of Design**

A study of basic design concepts with projects in shape, line, value, texture, pattern, spatial illusion and form.  
Hours (3 sem hrs; 2 lec, 2 lab)

**INDS 1311 - Fundamentals of Interior Design**

An introduction to the elements and principles of design, the interior design profession and the interior design problem-solving process.  
Hours (3 sem hrs; 2 lec, 2 lab)

**INDS 1315 - Materials, Methods and Estimating**

A study of materials, methods of construction and installation and estimating for interior design applications.  
Hours (3 sem hrs; 2 lec, 2 lab)

**INDS 1345 - Commercial Design I**

Prerequisite: INDS 1349, INDS 1315 and INDS 2307  
Corequisite: INDS 2307  
A study of design principles applied to furniture lay-out and space planning for commercial interiors.  
Hours (3 sem hrs; 2 lec, 4 lab)

**INDS 1349 - Fundamentals of Space Planning**

Prerequisites: INDS 1301 and INDS 1319  
The study of residential and light commercial spaces, including programming, codes, standards, space planning, drawings and presentations.  
Hours (3 sem hrs; 2 lec, 2 lab)



# ACGM Spring 2015 revised listing of HUMA Courses

## HUMA (Humanities)

### HUMA 1301 Introduction to Humanities I

This stand-alone course is an interdisciplinary survey of cultures focusing on the philosophical and aesthetic factors in human values with an emphasis on the historical development of the individual and society and the need to create.

Approval Number .....	24.0103.51	12
maximum SCH per student .....		3
maximum SCH per course .....		3
maximum contact hours per course .....		48

#### Learning Outcomes

Upon successful completion of this course, students will:

1. Demonstrate awareness of the scope and variety of works in the arts and humanities.
2. Articulate how these works express the values of the individual and society within an historical and social context.
3. Articulate an informed personal response and critically analyze works in the arts and humanities.
4. Demonstrate knowledge and understanding of the influence of literature, philosophy, and the arts on cultural experiences.
5. Demonstrate an awareness of the creative process and why humans create.

### HUMA 1302 Introduction to Humanities II

This stand-alone course is an interdisciplinary survey of cultures focusing on the philosophical and aesthetic factors in human values with an emphasis on the historical development of the individual and society and the need to create.

Approval Number .....	24.0103.51	12
maximum SCH per student .....		3
maximum SCH per course .....		3
maximum contact hours per course .....		48

#### Learning Outcomes

Upon successful completion of this course, students will:

1. Demonstrate awareness of the scope and variety of works in the arts and humanities.
2. Articulate how these works express the values of the individual and society within an historical and social context.
3. Articulate an informed personal response and critically analyze works in the arts and humanities.
4. Demonstrate knowledge and understanding of the influence of literature, philosophy, and the arts on cultural experiences.
5. Demonstrate an awareness of the creative process and why humans create.

## **HUMA 1305 Introduction to Mexican-American Studies**

This interdisciplinary survey examines the different cultural, artistic, economic, historical, political, and social aspects of the Mexican-American/Chicano/a communities. It also covers issues such as dispossession, immigration, transnationalism, and other topics that have shaped the Mexican-American experience.

Approval Number .....	05.0203.51	25
maximum SCH per student .....		3
maximum SCH per course .....		3
maximum contact hours per course .....		48

### **Learning Outcomes**

Upon successful completion of this course, students will:

1. Analyze the developmental history, culture, and struggles for equality of Mexican-Americans/Chicanos/as.
2. Articulate an informed personal response and critically analyze works by Mexican-Americans/Chicanos/as in the arts and humanities.
3. Describe the impact of discrimination on the everyday life of Mexican-Americans/Chicanos/as in the context of social, political, and economic circumstances.
4. Analyze minority group interactions in the United States focusing on immigration and migration patterns, assimilation processes, and adjustments to American life.
5. Formulate an understanding of the shifting definitions of Mexican-American cultural identities.

## **HUMA 1311 Mexican-American Fine Arts Appreciation**

This course is an exploration of the purposes and processes in the visual and performing arts (such as music, painting, drama, and dance) and the ways in which they express the values of the Mexican-American/Chicano/a experience.

Approval Number .....	50.0703.54	26
maximum SCH per student .....		3
maximum SCH per course .....		3
maximum contact hours per course .....		48

### **Learning Outcomes**

Upon successful completion of this course, students will:

1. Employ formal elements and principles to critically analyze various works of the visual and performing arts.
2. Articulate the creative process of artistic works as expressions of Mexican-American/Chicano/a experiences and cultural values.
3. Formulate an understanding of how Mexican-American/Chicano/a arts reflect shifting cultural identities.
4. Describe the relationship of Mexican-American/Chicano/a arts to everyday life.

### **HUMA 1315    Fine Arts Appreciation**

This course is an exploration of the purposes and processes in the visual and performing arts (such as music, painting, architecture, drama, and dance) and the ways in which they express the values of cultures and human experience.

Approval Number.....	50.0101.51	26
maximum SCH per student.....		3
maximum SCH per course .....		3
maximum contact hours per course.....		48

#### **Learning Outcomes**

Upon successful completion of this course, students will:

1. Employ formal elements and principles to critically analyze various works of the visual and performing arts.
2. Articulate the creative process of artistic works as expressions of human experience and cultural values.
3. Demonstrate an understanding of the aesthetic principles that guide the creation of, and response to, the arts.
4. Describe the relationship of the arts to everyday life.

### **HUMA 2319    American Minority Studies**

This interdisciplinary survey examines the diverse cultural, artistic, economic, historical, political, and social aspects of American minority communities. Topics may include race/ethnicity, gender, socioeconomic class, sexual orientation, national origin, age, disability, and religion.

Approval Number.....	24.0101.51	12
maximum SCH per student.....		3
maximum SCH per course .....		3
maximum contact hours per course.....		48

#### **Learning Outcomes**

Upon successful completion of this course, students will:

1. Analyze the history, culture, and struggles for equality of American minority groups.
2. Articulate an informed personal response and critically analyze works by minorities in the arts and humanities.
3. Demonstrate awareness of multiple cultural perspectives representative of diverse minority groups.
4. Describe the impact of discrimination on the everyday life of minority groups in the context of social, political, and economic circumstances.
5. Analyze minority group interactions in the United States focusing on immigration and migration patterns, assimilation processes, and adjustments to American life.

6. Formulate an understanding of shifting societal perceptions and self-identifications of minority group cultural identities.

## **HUMA 2323 World Cultures**

This course is a general study of diverse world cultures. Topics include cultural practices, social structures, religions, arts, and languages.

Approval Number .....	24.0103.53	12
maximum SCH per student .....		3
maximum SCH per course .....		3
maximum contact hours per course .....		48

## **Learning Outcomes**

Upon successful completion of this course, students will:

1. Demonstrate knowledge of common terms and concepts associated with the study of world cultures.
2. Articulate an informed personal response and critically analyze works in the arts and humanities from various world cultures.
3. Demonstrate awareness of multiple cultural perspectives by comparing and contrasting the cultural expressions of diverse world communities.
4. Analyze various cultures to navigate diverse cultural spaces and recognize different world views.
5. Demonstrate an understanding of geography and the location of different cultural groups in the world.

## **ITAL (Italian Language)**

- ITAL 1411 Beginning Italian I (1st semester Italian, 4 SCH version)**  
**ITAL 1412 Beginning Italian II (2nd semester Italian, 4 SCH version)**

- ITAL 1311 Beginning Italian I** (scheduled for deletion spring 2016)  
**ITAL 1511 Beginning Italian I** (scheduled for deletion spring 2016)  
**ITAL 1312 Beginning Italian II** (scheduled for deletion spring 2016)  
**ITAL 1512 Beginning Italian II** (scheduled for deletion spring 2016)

Fundamental skills in listening comprehension, speaking, reading, and writing. Includes basic vocabulary, grammatical structures, and culture.

Approval Number.....	16.0902.51	13
maximum SCH per student .....		10
maximum SCH per course .....		5
maximum contact hours per course.....		112

## Curriculum Revision Request Form

Examples:

Course Revision  
Program Revision  
New Course

Division: Liberal Arts

Department / Program: Communications/Theatre

Prepared by: Lynae' Jacob

Request: Deactivate Speech AS degree plan

- Course additions must include student learning outcomes
- Program changes/additions must include program goals

a.

b.

c.

d.

Rationale / Justification / Assessment Data:

The Speech AS degree plan typically has two or three majors per year. They are often students who are wanting to major in Speech Pathology when they transfer.

The Speech department only offer three speech courses. The rest of the requirements for the AS degree plan are made up of electives. Students can easily switch to a general studies major.

Effects of Revisions:

- A. Faculty & Staff Requirements: None
- B. Equipment/Facility Requirements: None
- C. Location: None
- D. Income projections: None

Effective Term: Fall 2016

Print

### **Curriculum Revision Request Form**

Division: Nursing  
Program: Vocational Nursing (VN) Program  
Prepared by: LaVon Barrett MSN, RN, CNE  
Requests: Change VNSG 1410 to VNSG 2410

#### **Justification and/or Rationale for deletion and addition of courses:**

WECM rubric VNSG 1410 will be archived on August 31, 2016. This course will be replaced with VNSG 2410. The changes were made by WECM due to a level change.

#### **Effects of Revisions:**

The revision causes no changes to be made in the course. The Semester Credit Hrs. are the same. The Contact Hours are the same. The course description and course outcomes remain the same. The only difference is in the rubric.

#### **Effective Date:**

The effective date for implementation of these changes is Fall 2016.

**OLD RUBRIC**

CIP	Rubric	Number	Course Title	Status	Semester Credit Hrs	Min Cont Hrs	Max Cont Hrs
51.3901	VNSG	1410	Nursing in Health and Illness III	Archive Pending	4	64	144

**Course Level:** Intermediate

**Course Description:** Continuation of Nursing in Health and Illness II. Further study of medical-surgical health problems of the patient including concepts such as mental illness. Incorporates knowledge necessary to make the transition from student to graduate vocational nurse.

**End-of-Course Outcomes:** Compare and contrast normal physiology of body systems to pathologic variations in the patient with medical-surgical health problems; evaluate and treat patients with medical-surgical health problems using the nursing process including nutrition, pharmacological therapy, and principles of safety; discuss concepts such as mental illness; and utilize learned skills and knowledge for transition from student to graduate vocational nurse.

**Licensing/Certification Agency:** Board of Nursing

**Lab Recommended**

**CIP Code Description:** 51.3901 (Licensed Practical/Vocational Nurse Training)

**Effective Date:** September 1, 2014

**NEW RUBRIC**



CIP	Rubric	Number	Course Title	Status	Semester Credit Hrs	Min Cont Hrs	Max Cont Hrs
51.3901	VNSG	2410	Nursing in Health and Illness III	Active	4	64	144

**Course Level:** Intermediate

**Course Description:** Continuation of Nursing in Health and Illness II. Further study of medical-surgical health problems of the patient including concepts such as mental illness. Incorporates knowledge necessary to make the transition from student to graduate vocational nurse.

**End-of-Course Outcomes:** Compare and contrast normal physiology of body systems to pathologic variations in the patient with medical-surgical health problems; evaluate and treat patients with medical-surgical health problems using the nursing process including nutrition, pharmacological therapy, and principles of safety; discuss concepts such as mental illness; and utilize learned skills and knowledge for transition from student to graduate vocational nurse.

**Licensing/Certification Agency:** Board of Nursing

**Lab Recommended**

**CIP Code Description:** 51.3901 (Licensed Practical/Vocational Nurse Training)

**Effective Date:** September 1, 2014

## Curriculum Revision Request Form

Division: Nursing  
Program: Vocational Nursing (VN) Program  
Prepared by: LaVon Barrett MSN, RN, CNE  
Requests: Change HECO 1322 to HITT 1301 in all areas of course catalog

### **Justification and /or Rationale for changes:**

The VN program moved from HECO 1322 to HITT 1301 in 2012. These changes were approved by the BON in 2012. These changes were also approved by the AC Curriculum Committee October 3, 2012. The changes were not reflected in the course catalog as they should have been. This oversight was caught by Susan McClure this month. So, I am requesting again that the course catalog be changed in ALL places where the courses are listed.

### **Effects of Revision:**

Update the course catalog to avoid any confusion in program requirements.

### **Effective Date:**

As soon a revisions can be made to course catalog or Fall 2016.

## **VNSG 1136 - Mental Health**

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### **Prerequisites / Corequisite**

Prerequisites: BIOL 2401 and ~~HECO-1322~~ HITT 1301

Corequisites: VNSG 1423, VNSG 1138, VNSG 1304, VNSG 1227, VNSG 1231, VNSG 1260 and VNSG 1400

Study of human behavior with emphasis on emotional and mental abnormalities and modes of treatment incorporating the nursing process.

Hours (1 sem hr; 1 lec)

## **VNSG 1138 - Mental Illness**

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### **Prerequisites / Corequisite**

Prerequisites: BIOL 2401 and ~~HECO-1322~~ HITT 1301

Corequisites: VNSG 1136, VNSG 1423, VNSG 1304, VNSG 1227, VNSG 1231, VNSG 1260 and VNSG 1400

Study of human behavior with emphasis on emotional and mental abnormalities and modes of treatment incorporating the nursing process.

Hours (1 sem hr; 1 lec)

## **VNSG 1227 - Essentials of Medication Administration**

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### **Prerequisites / Corequisite**

Prerequisites: BIOL 2401 and ~~HECO-1322~~ HITT 1301

Corequisites: VNSG 1136, VNSG 1138, VNSG 1304, VNSG 1423, VNSG 1231, VNSG 1260 and VNSG 1400

General principles of medications administration including determination of dosage, preparation, safe administration and documentation of multiple forms of drugs. Instruction includes various systems of measurement.

Hours (2 sem hrs; 1 lec, 4 lab)

## **VNSG 1231 - Pharmacology**

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### **Prerequisites / Corequisite**

Prerequisites: BIOL 2401 and HECO-1322 HITT 1301

Corequisites: VNSG 1136, VNSG 1138, VNSG 1304, VNSG 1227, VNSG 1423, VNSG 1260 and VNSG 1400

Fundamentals of medications and their diagnostic, therapeutic and curative effects. Including nursing interventions utilizing the nursing process.

Hours (2 sem hrs; 2 lec, 1 lab)

## **VNSG 1230 - Maternal/Neonatal Nursing**

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### **Prerequisites / Corequisite**

Prerequisites: BIOL 2401, ~~HECO-1322~~, HITT 1301 VNSG 1423, VNSG 1400, VNSG 1231, VNSG 1227, VNSG 1136, VNSG 1138, VNSG 1304 and VNSG 1260

Corequisites: VNSG 2160, VNSG 1234, VNSG 1361, VNSG 2161, VNSG 1409, VNSG 1410 and VNSG 2163

Utilization of the nursing process in the assessment and management of the childbearing family. Emphasis on the bio-psycho-socio-cultural needs of the family during the phases of pregnancy, childbirth and the neonatal period including abnormal conditions.

Hours (2 sem hrs; 2 lec, 1 lab)

## **VNSG 1234 - Pediatrics**

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### **Prerequisites / Corequisite**

Prerequisites: BIOL 2401, ~~HECO-1322~~, HITT 1301 VNSG 1423, VNSG 1400, VNSG 1231, VNSG 1227, VNSG 1304, VNSG 1136, VNSG 1138 and VNSG 1260

Corequisites: VNSG 1230, VNSG 2160, VNSG 2161, VNSG 1409, VNSG 1361, VNSG 1410 and VNSG 2163

Study of childhood diseases and child care from infancy through adolescence. Focus on the care of the well and the ill child utilizing the nursing process.

Hours (2 sem hrs; 2 lec, 1 lab)

## **VNSG 1260 - Clinical-Nursing in Health & Illness I**

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### **Prerequisites / Corequisite**

Prerequisites: BIOL 2401 and ~~HECO-1322~~ HITT 1301

Corequisites: VNSG 1136, VNSG 1138, VNSG 1304, VNSG 1227, VNSG 1231, VNSG 1423 and VNSG 1400

A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills and concepts. Direct supervision is provided by the clinical professional.

Hours (2 sem hrs; 12 clinical hrs)

## **VNSG 1304 - Foundations of Nursing**

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### **Prerequisites / Corequisite**

Prerequisites: BIOL 2401 and ~~HECO-1322~~ HITT 1301

Corequisites: VNSG 1136, VNSG 1138, VNSG 1423, VNSG 1227, VNSG 1231, VNSG 1260 and VNSG 1400

Introduction to the nursing profession including history, standards of practice, legal and ethical issues and role of the vocational nurse. Topics include mental health, therapeutic communication, cultural and spiritual diversity, nursing process and holistic awareness.

Hours (3 sem hrs; 3 lec)

## **VNSG 1361 - Clinical-Nursing in Health & Illness II**

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### **Prerequisites / Corequisite**

Prequisites: BIOL 2401, ~~HECO-1322~~, HITT 1301 VNSG 1423, VNSG 1400, VNSG 1231, VNSG 1227, VNSG 1304, VNSG 1136, VNSG 1138 and VNSG 1260

Corequisites: VNSG 1230, VNSG 2160, VNSG 1234, VNSG 1409, VNSG 2161, VNSG 1410 and VNSG 2163

A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills and concepts. Direct supervision is provided by the clinical professional.

Hours (3 sem hr; 12 clinical hrs)

## **VNSG 1400 - Nursing in Health and Illness I**

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### **Prerequisites / Corequisite**

Prerequisites: BIOL 2401 and ~~HECO-1322~~ HITT 1301

Corequisites: VNSG 1136, VNSG 1138, VNSG 1304, VNSG 1227, VNSG 1231, VNSG 1260 and VNSG 1423

Introduction to general principles of growth and development, primary health care needs of the client across the life span and therapeutic nursing interventions.

Hours (4 sem hr; 3 lec, 4 lab)

## **VNSG 1409 - Nursing in Health and Illness II**

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### **Prerequisites / Corequisite**

Prerequisites: BIOL 2401, ~~HECO-1322~~, HITT 1301 VNSG 1423, VNSG 1400, VNSG 1231, VNSG 1227, VNSG 1304, VNSG 1136, VNSG 1138 and VNSG 1260

Corequisites: VNSG 1230, VNSG 2160, VNSG 1234, VNSG 2161, VNSG 1361, VNSG 1410 and VNSG 2163

Introduction to common health problems of the adult requiring medical and surgical interventions.

Hours (4 sem hr; 3 lec, 4 lab)

## **VNSG 1410 - Nursing in Health & Illness III**

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### **Prerequisites / Corequisite**

Prerequisites: BIOL 2401, ~~HECO-1322~~, HITT 1301 VNSG 1423, VNSG 1400, VNSG 1231, VNSG 1227, VNSG 1304, VNSG 1136, VNSG 1138 and VNSG 1260

Corequisites: VNSG 1230, VNSG 2160, VNSG 1234, VNSG 1409, VNSG 2161, VNSG 1361 and VNSG 2163

Continuation of Nursing in Health & Illness II. Further study of common medical-surgical health problems of the client including concepts of mental illness. Incorporates knowledge necessary to make the transition from student to graduate vocational nurse.

Hours (4 sem hr; 3 lec, 3 lab)

## **VNSG 1423 - Basic Nursing Skills**

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### **Prerequisites / Corequisite**

Prerequisites: BIOL 2401 and ~~HECO 1322~~ HITT 1301

Corequisites: VNSG 1136, VNSG 1138, VNSG 1304, VNSG 1227, VNSG 1231, VNSG 1260 and VNSG 1400

Mastery of entry level nursing skills and competencies for a variety of health care settings.  
Utilization of the nursing process as the foundation for all nursing interventions.

Hours (4 sem hrs; 2 lec, 6 lab)

## **VNSG 2160 - Clinical-Maternal/Neonatal Nursing**

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### **Prerequisites / Corequisite**

Prerequisites: BIOL 2401, ~~HECO 1322~~, HITT 1301 VNSG 1423, VNSG 1400, VNSG 1231, VNSG 1227, VNSG 1136, VNSG 1138, VNSG 1304 and VNSG 1260

Corequisites: VNSG 1230, VNSG 1234, VNSG 1361, VNSG 2161, VNSG 1409, VNSG 1410 and VNSG 2163

A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills and concepts. Direct supervision is provided by the clinical professional.

Hours (1 sem hr; 3 clinical hrs)

## **VNSG 2161 - Clinical-Pediatrics**

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### **Prerequisites / Corequisite**

Prequisites: BIOL 2401, ~~HECO 1322~~, HITT 1301 VNSG 1423, VNSG 1400, VNSG 1231, VNSG 1227, VNSG 1304, VNSG 1136, VNSG 1138 and VNSG 1260

Corequisites: VNSG 1230, VNSG 2160, VNSG 1234, VNSG 1409, VNSG 1361, VNSG 1410 and VNSG 2163

A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills and concepts. Direct supervision is provided by the clinical professional.

Hours (1 sem hr; 3 clinical hrs)

## **VNSG 2163 - Clinical-Nursing in Health & Illness III**

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### **Prerequisites / Corequisite**

Prerequisites: BIOL 2401, ~~HECO-1322~~, HITT 1301 VNSG 1423, VNSG 1400, VNSG 1231, VNSG 1227, VNSG 1304, VNSG 1136, VNSG 1138 and VNSG 1260

Corequisites: VNSG 1230, VNSG 2160, VNSG 1234, VNSG 1409, VNSG 2161, VNSG 1410 and VNSG 1361

A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills and concepts. Direct supervision is provided by the clinical professional.

Hours (1 sem hr; 3 clinical hrs)



## Engineering Computer Science Program Curriculum Revision

**Division:** STEM

**Department:** Math, Engineering & Physical Sciences

**Prepared by:** Mark Usnick

**Request:** Add prerequisites for COSC 1336 (Programming Fundamentals I).

**Rational:** In order to meet the 60 hour limit, COSC 1436 was dropped and COSC 1336 was added to take its place. During this process, the prerequisites were overlooked.

The prerequisites for COSC 1336 should be:

COSC 1330 or MATH 1414

**Revision Effects:** None.

**Effective Date:** Fall 2016

## Engineering Computer Science Program Curriculum Revision

**Division:** STEM

**Department:** Math, Engineering & Physical Sciences

**Prepared by:** Mark Usnick

**Request:** Add prerequisite for COSC 1337 (Programming Fundamentals II).

**Rational:** In order to meet the 60 hour limit, COSC 1437 was dropped and COSC 1337 was added to take its place. During this process, the prerequisite was overlooked.

The prerequisite for COSC 1337 should be:

COSC 1336

**Revision Effects:** None.

**Effective Date:** Fall 2016

## Engineering Computer Science Program Curriculum Revision

**Division:** STEM

**Department:** Math, Engineering & Physical Sciences

**Prepared by:** Mark Usnick

**Request:** Add prerequisite for COSC 2336 (Programming Fundamentals III).

**Rational:** In order to meet the 60 hour limit, COSC 2436 was dropped and COSC 2336 was added to take its place. During this process, the prerequisite was overlooked.

The prerequisite for COSC 2336 should be:

COSC 1337

**Revision Effects:** None.

**Effective Date:** Fall 2016

## Curriculum Revision Request Form

Examples:

Course Revision  
Program Revision  
New Course

Division: Liberal Arts

Department / Program: Education

Prepared by: Mary Clare Munger

Request: Program Revision

- Course additions must include student learning outcomes
- Program changes/additions must include program goals

a.

Education Elementary Generalist EDUC, AAT, EC6G Instead of the current Major Courses and Recom

Recommended Courses - Change to: Major Courses: Choose 18 credits from this list. TECA 1354, TECA 1303, TECA 1311, TECA 1318, Math 1350, Math 1351, BIOL 2374, Phys 2373.

b.

c.

d.

**Rationale / Justification / Assessment Data:**

This change will allow students transferring to a university such as WTAMU that does not use TECA 1303 to choose one of the other courses. It also allows a student transferring to a university taking TECA 1303 to enroll and transfer accordingly.

**Effects of Revisions:**

- A. Faculty & Staff Requirements: NA
- B. Equipment/Facility Requirements: NA
- C. Location: NA
- D. Income projections: NA

**Effective Term: Fall 2015 - 2016**

**Print**

### Major Options (6 Semester Hours)

Complete 6 hours from the following courses:

BIOL 2374 - Integrated Biology

MATH 1350 - Foundations of Mathematics I

MATH 1351 - Foundations of Mathematics II

PHYS 2373 - Integrated Earth Science

### Recommended Courses (6 Semester Hours)

Students will be advised for other courses based on the university to which they plan to transfer.

### Total (60 Semester Hours)

## Education - Elementary Generalist (A.A.T.)

Program Advisor: Mary Clare Munger, 371-5188  
(mcmunger@actx.edu)

### Associate of Arts in Teaching

EDUC.AAT.GEC6

TECA 1318 - Wellness of the Young Child

TECA 1354 - Child Growth & Development

### Recommended Courses (6 Semester Hours)

Choose 6 hours from the following:

BIOL 2374 - Integrated Biology

MATH 1350 - Foundations of Mathematics I

MATH 1351 - Foundations of Mathematics II

PHYS 2373 - Integrated Earth Science

### Total (60 Semester Hours)

## Education - Elementary Specialist (A.A.T.)

Program Advisor: Mary Clare Munger, 371-5188  
(mcmunger@actx.edu)

### Associate of Arts in Teaching

Major Code - EDUC.AAT.EC-6

[actx.edu/education](http://actx.edu/education)

Students seeking Early Childhood-6 with Bilingual or ESL certification or all level Special Education.

Information is available on the Education website.

### General Education Requirements (42 Semester Hours)

#### Communications - 6 Semester Hours

ENGL 1301 - Composition I

ENGL 1302 - Composition II

or

ENGL 2311 - Technical and Business Writing

#### Mathematics - 3 Hours

MATH 1314 - College Algebra

#### Life & Physical Sciences/Institutional - 12 Hours

Life & Physical Sciences<sup>A</sup>

Speech<sup>A</sup>

EDUC 1100 - First Year Seminar - Learning Framework

#### Language, Philosophy & Culture - 3 Hours<sup>A</sup>

#### Creative Arts - 3 Hours<sup>A</sup>

#### Government - 6 Hours

GOVT 2305 - United States Government

GOVT 2306 - Texas Government

#### History - 6 Hours

HIST 1301 - United States History I

HIST 1302 - United States History II

#### Social/Behavioral Sciences - 3 Hours

Select one of the following:

ANTH 2351 - Cultural Anthropology

ECON 2301 - Principles of Macroeconomics

PSYC 2301 - General Psychology

SOCI 1301 - Introduction to Sociology

#### Major Course Requirements (12 Semester Hours)

EDUC 1301 - Introduction to the Teaching Profession

EDUC 2301 - Introduction to Special Populations

Choose 6 Hours from the Following:

#### Language, Philosophy & Culture - 3 Hours<sup>A</sup>

#### Creative Arts - 3 Hours<sup>A</sup>

#### Government - 6 Hours

GOVT 2305 - United States Government

GOVT 2306 - Texas Government

#### History - 6 Hours

HIST 1301 - United States History I

HIST 1302 - United States History II

#### Social/Behavioral Sciences - 3 hours

Select one of the following:

ANTH 2351 - Cultural Anthropology

ECON 2301 - Principles of Macroeconomics

PSYC 2301 - General Psychology

SOCI 1301 - Introduction to Sociology

#### Major Required Courses (12 Semester Hours)

TECA 1303 - Families, School and Community

TECA 1311 - Educating Young Children

Please call me  
if you have  
a question  
683 5238

Major Required Courses Choose 18 credits

## Curriculum Revision Request Form

Division: Health Science / CCHcE

Department / Program: Patient Care Technician

Prepared by: Kim Crowley

Request: Creation of a new Level one Certificate Program – from existing CE program – Patient Care Technician – (PCT)

**Medical Terminology – HITT 1305 – 3 SCH hours.**

**(Offered every semester – online and classroom)**

**Course Level:** Introductory

**Course Description:** Study of medical terms through word origin and structure. Introduction to abbreviations and symbols, surgical and diagnostic procedures, and medical specialties.

**End-of-Course Outcomes:** Identify, pronounce, and spell medical terms; use terms in context; utilize prefixes, suffixes, root words, and plurals to construct medical terms; analyze medical terms; translate abbreviations; and interpret symbols.

**Licensing/Certification Agency:** Commission on Accreditation for Health Informatics and Information Management Education (CAHIIM)

**CIP Code Description:** 51.0707 (Health Information/Medical Records Technology/Technician)

**Effective Date:** September 1, 2014

**Psychology for Professional Healthcare Providers PSYT - 1313 3 SCH Hours**

**(To be offered every semester – 8 week blocks)**

**Course Level:** Introductory

**Course Description:** Overview of personal, social, and work adjustment skills.

**End-of-Course Outcomes:** Identify decision making, goal setting, assertiveness, career development, and conflict resolution skills for personal and social adjustment.

**Lab Recommended**

**CIP Code Description:** 42.0101 (Psychology, General)

**Effective Date:** September 1, 2011

**OR**

**Business & Professional Communication SPCH 1321 3 SCH Hours**

**Course Level:**

**Course Description:** Study and application of communication within the business and professional context. Special emphasis will be given to communication competencies in presentations, dyads, teams and technologically mediated formats.

**Learning Outcomes:** Upon successful completion of this course, students will:

Demonstrate communication competence and critical thinking through an understanding of the foundational communication models. Demonstrate essential public speaking skills in professional presentations.

Demonstrate written and oral competencies as it relates to employment (including job searches, interviews, interpersonal interaction, conflict management, and leadership and performance appraisals.) Apply essential dyadic and small group processes as they relate to the workplace. Utilize various technologies as they relate to competent communication. Demonstrate effective cross-cultural communication.

### **Introduction to Health Unit Coordination - HITT 1301 – 3 SCH hours**

**Course Level:** Introductory

**Course Description:** Introduction to systems and processes for collecting, maintaining, and disseminating primary and secondary health related information including content of health record, documentation requirements, registries, indices, licensing, regulatory agencies, forms, and screens.

**End-of-Course Outcomes:** Analyze health record content; describe health information management department function and purpose; differentiate the various types of health care facilities and their records; and identify the various licensing and regulatory agencies in the healthcare industry.

**Licensing/Certification Agency:** Commission on Accreditation for Health Informatics and Information Management Education (CAHIIM)

**Lab Recommended**

**CIP Code Description:** 51.0707 (Health Information/Medical Records Technology/Technician)

**Effective Date:** September 1, 2014

### **Nurse Aid for Healthcare – NURA 1301 – 3 SCH Hours**

**Course Level:** Introductory

**Course Description:** Knowledge, skills, and abilities essential to provide basic care to residents of long-term care facilities. Topics include resident's rights, communication, safety, observation, reporting and assisting residents in maintaining basic comfort and safety. Emphasis on effective interaction with members of the health care team, restorative services, mental health, and social services needs.

**End-of-Course Outcomes:** Discuss basic care of residents in a long-term care facility; communicate and interact effectively with residents and their families based on sensitivity to the psychosocial needs. Discuss the rights of the residents; provide safety and preventive measures in the care of residents; demonstrate skills in observing and reporting; assist residents in attaining and maintaining maximum functional independence; and function effectively as a member of the health care team.

**Licensing/Certification Agency:** Texas Department of Aging and Disability Services

**Lab Recommended**

**CIP Code Description:** 51.3902 (Nursing Assistant/Aide and Patient Care Assistant/Aide)

**Effective Date:** September 1, 2014

### **Clinical –Nursing Assistant / Aide – NURA 1160 – 1 SCH Hour**

**Pre/Co-requisite = Nurse Aid for Healthcare – NURA 1301 or NURA 1001**

**Course Level:** Introductory

**Course Description:** A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional.

**End-of-Course Outcomes:** As outlined in the learning plan, apply the theory, concepts, and skills involving specialized materials, tools, equipment, procedures, regulations, laws, and interactions within and among political, economic, environmental, social, and legal systems associated with the occupation and the business/industry; and



will demonstrate legal and ethical behavior, safety practices, interpersonal and teamwork skills, and appropriate written and verbal communication skills using the terminology of the occupation and the business/industry.

**Licensing/Certification Agency:** Texas Department of Human Services

**CIP Code Description:** 51.3902 (Nursing Assistant/Aide and Patient Care Assistant/Aide)

**Effective Date:** September 1, 2010

### **Professional Nurse Aide Skills - NURA – 1191 (Special Topics) 1SCH hour**

**Course Level:** Advanced

**Course Description:** Topics address recently identified current events, skills, knowledge's, and/or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student. This course was designed to be repeated multiple times to improve student proficiency.

**End-of-Course Outcomes:** Learning outcomes/objectives are determined by local occupational need and business and industry trends.

**Lab Recommended**

**CIP Code Description:** 51.3902 (Nursing Assistant/Aide and Patient Care Assistant/Aide)

**Effective Date:** September 1, 2010

### **Introduction to Clinical Laboratory Science - MLAB = 1201 – 2 SCH (2 Lecture 1 lab)**

**Course Level:** Introductory

**Course Description:** Introduction to medical laboratory science, structure, equipment, and philosophy.

**End-of-Course Outcomes:** Perform laboratory math; identify laboratory equipment; and describe quality control, safety, accreditation, certification, professionalism, and ethics.

**Lab Recommended**

**CIP Code Description:** 51.1004 (Clinical/Medical Laboratory Technician)

**Effective Date:** September 1, 2014

### **Phlebotomy Lecture – PLAB 1223 – 2 SCH hours – (2 lecture 1 lab)**

**Course Level:** Introductory

**Course Description:** Skill development in the performance of a variety of blood collection methods using proper techniques and standard precautions. Includes vacuum collection devices, syringes, capillary skin puncture, butterfly needles and blood culture, and specimen collection on adults, children, and infants. Emphasis on infection prevention, patient identification, specimen labeling, quality assurance, specimen handling, processing, accessioning, professionalism, ethics, and medical terminology.

**End-of-Course Outcomes:** Demonstrate infection control and safety practices; describe quality assurance as it relates to specimen collection; explain the role of specimen collection in the overall patient care system; identify collection equipment, various types of additives used, special precautions necessary, and substances that can interfere in clinical analysis of blood constituents; demonstrate venipuncture and capillary puncture techniques on adults, children, and infants; and explain requisitioning, transport and processing.

**Lab Recommended**

**CIP Code Description:** 51.1009 (Phlebotomy Technician/Phlebotomist)

**Effective Date:** September 1, 2014

### **Phlebotomy Clinical – PLAB 1164 – 1 SCH hours – (7 Practicum hours)**

Pre / Co-Requisite = Phlebotomy Lecture – PLAB 1223 or PLAB 1023

**Course Description:** Practical, general workplace training supported by an individualized learning plan developed by the employer, college, and student.

**End-of-Course Outcomes:** As outlined in the learning plan, apply the theory, concepts, and skills involving specialized materials, tools, equipment, procedures, regulations, laws, and interactions within and among political, economic, environmental, social, and legal systems associated with the occupation and the business/industry; and will demonstrate legal and ethical behavior, safety practices, interpersonal and teamwork skills, and appropriate written and verbal communication skills using the terminology of the occupation and the business/industry.

**CIP Code Description:** 51.1009 (Phlebotomy Technician/Phlebotomist)

**Effective Date:** September 1, 2003

### **Introduction to Patient Care Technician NUPC 1320 – 3 SCH hours**

**Course Level:** Introductory

**Course Description:** Training, skills, and knowledge needed to gain employment as a Patient Care Technician in a hospital setting.

**End-of-Course Outcomes:** Assist patients in the acute care setting with activities of daily living; measure vital signs; communicate effectively with patients, family members, and staff.

**Lab Recommended**

**CIP Code Description:** 51.3902 (Nursing Assistant/Aide and Patient Care Assistant/Aide)

**Effective Date:** September 1, 2014

### **Patient Care Technician Clinical- NUPC 1160 – 1 SCH hour**

Pre / Co-Requisite = Phlebotomy Lecture – NUPC 1320 or NUPC 1020

**Course Description:** A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional.

**End-of-Course Outcomes:** As outlined in the learning plan, apply the theory, concepts, and skills involving specialized materials, tools, equipment, procedures, regulations, laws, and interactions within and among political, economic, environmental, social, and legal systems associated with the occupation and the business/industry; and will demonstrate legal and ethical behavior, safety practices, interpersonal and teamwork skills, and appropriate written and verbal communication skills using the terminology of the occupation and the business/industry.

**Lab Recommended**

**CIP Code Description:** 51.3902 (Nursing Assistant/Aide and Patient Care Assistant/Aide)

**Effective Date:** September 1, 2010

### **Basic Skills for CMA - MDCA 1191 (Special Topics) 1 SCH Hour**

**Course Level:** Advanced

**Course Description:** Topics address recently identified current events, skills, knowledges, and/or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student. This course was designed to be repeated multiple times to improve student proficiency.

**End-of-Course Outcomes:** Learning outcomes/objectives are determined by local occupational need and business and industry trends.

**Lab Recommended**

**CIP Code Description:** 51.0801 (Medical/Clinical Assistant)

**Effective Date:** September 1, 1999

**Rationale / Justification / Assessment Data:**

This Certificate Program will provide for greater articulation and partnership with the House bill five efforts of area high schools as well as an academic entry pathway for our Developmental Education and English Language students to move into. The creation of this certificate program will allow the approximately 200 Continuing Education -Nurse Aid students each year to have a pathway on the academic side. This program allows for a pathway to connect our current Continuing Education students to other current academic programs such as Medical Assistant and Medical Lab Technician

**Effects of Revisions:**

A. Faculty & Staff Requirements: This Certificate Program will utilize current full and part time faculty. If components of this program grow into use within other Nursing and Health Science Programs and additional faculty member would be required in the future to accommodate additional sections – for the PSTY and or HRSP course.

B. Equipment/Facility Requirements: This program will utilize current equipment and classroom space on the West Campus. Clinical sites are already used for the current Continuing Education Patient Care Tech Program.

C. Location: Health Science Division / Continuing Healthcare Department West Campus Building A.

D. Income projections: Tuition and fees for this 24 hour program are estimated at seventy thousand dollars for 15 academic students. The Program will start with a cap of 25 students due to clinical site space for local students.

Effective- Spring 2016 as a new program.

## Potential Level One Certificate Program

### Patient Care Technician Program

Rubric	Course Name	Semester Hours	Contact Hours	Lecture Hours	Lab Hours	Clinical Hours /wk.	Semesters Offered	Available as CE-Y/N
HITT 1305	Medical Terminology	3	48	3	0	0	F, Sp, S	Y
PSYT 1313	Personal Psychology for Healthcare Professionals or SPCH 1321	3	48	3	0	0	F, Sp, S	Y
HITT 1301	Medical Data and Unit Coordination	3	48	2	2	0	F, Sp, S	Y
NURA 1301	CNA - Lecture	3	96	2	4	0	F, Sp, S	Y
NURA 1160	CNA - Clinicals	1	60	0	0	10	F, Sp, S	Y
NURA 1191	CNA – Skills for NACES	1	20	1	1	0	F, Sp, S	Y
MLAB 1201	Introduction to Laboratory Science	2	32	2	1	0	F, Sp	N
PLAB 1223	Phlebotomy	2	48	2	1	0	F, Sp	Y
PLAB 1164	Phlebotomy Clinicals	1	100	0	0	7-Pr	S	Y
NUPC 1320	Patient Care Technician	3	96	2	4	0	F, Sp, S	Y
NUPC 1160	Patient Care Technician- Clinicals	1	56	0	0	10	F, Sp, S	Y
MDCA 1191	Basic Skills for CMA	1	16	1	1	0	F, Sp	Y
Total		24	668	18	14	27		



### **Taken from 2015 GIPWE:**

A level one certificate (CERT1) can be completed by a student in one calendar year or less. It must consist of at least 15 SCH and no more than 42 SCH. Level one certificate programs are exempt from TSI requirements, but certificate programs may perform local assessment and remediation of students, provided that these activities do not exclude the student from enrollment in the certificate program.

### **Medical Terminology – HITT 1305 – 3 SCH hours. (Offered every semester – online and classroom)**

**Course Level:** Introductory

**Course Description:** Study of medical terms through word origin and structure. Introduction to abbreviations and symbols, surgical and diagnostic procedures, and medical specialties.

**End-of-Course Outcomes:** Identify, pronounce, and spell medical terms; use terms in context; utilize prefixes, suffixes, root words, and plurals to construct medical terms; analyze medical terms; translate abbreviations; and interpret symbols.

**Licensing/Certification Agency:** Commission on Accreditation for Health Informatics and Information Management Education (CAHIIM)

**CIP Code Description:** 51.0707 (Health Information/Medical Records Technology/Technician)

**Effective Date:** September 1, 2014

### **Psychology for Professional Healthcare Providers PSYT - 1313 3 SCH Hours (To be offered every semester – 8 week blocks)**

**Course Level:** Introductory

**Course Description:** Overview of personal, social, and work adjustment skills.

**End-of-Course Outcomes:** Identify decision making, goal setting, assertiveness, career development, and conflict resolution skills for personal and social adjustment.

**Lab Recommended**

CIP Code Description: 42.0101 (Psychology, General)  
Effective Date: September 1, 2011

### **Introduction to Health Unit Coordination - HITT 1301 – 3 SCH hours**

Course Level: Introductory

**Course Description:** Introduction to systems and processes for collecting, maintaining, and disseminating primary and secondary health related information including content of health record, documentation requirements, registries, indices, licensing, regulatory agencies, forms, and screens.  
**End-of-Course Outcomes:** Analyze health record content; describe health information management department function and purpose; differentiate the various types of health care facilities and their records; and identify the various licensing and regulatory agencies in the healthcare industry.

**Licensing/Certification Agency:** Commission on Accreditation for Health Informatics and Information Management Education (CAHIIM)  
Lab Recommended

CIP Code Description: 51.0707 (Health Information/Medical Records Technology/Technician)  
Effective Date: September 1, 2014

### **Nurse Aid for Healthcare – NURA 1301 – 3 SCH Hours**

Course Level: Introductory

**Course Description:** Knowledge, skills, and abilities essential to provide basic care to residents of long-term care facilities. Topics include resident's rights, communication, safety, observation, reporting and assisting residents in maintaining basic comfort and safety. Emphasis on effective interaction with members of the health care team, restorative services, mental health, and social services needs.  
**End-of-Course Outcomes:** Discuss basic care of residents in a long-term care facility; communicate and interact effectively with residents and their families based on sensitivity to the psychosocial needs. Discuss the rights of the residents; provide safety and preventive measures in the care of residents; demonstrate skills in observing and reporting; assist residents in attaining and maintaining maximum functional independence; and function effectively as a member of the health care team.

**Licensing/Certification Agency:** Texas Department of Aging and Disability Services  
Lab Recommended

CIP Code Description: 51.3902 (Nursing Assistant/Aide and Patient Care Assistant/Aide)  
Effective Date: September 1, 2014

### **Clinical –Nursing Assistant / Aide – NURA 1160 – 1 SCH Hour**



**Course Level:** Introductory

**Course Description:** A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional.

**End-of-Course Outcomes:** As outlined in the learning plan, apply the theory, concepts, and skills involving specialized materials, tools, equipment, procedures, regulations, laws, and interactions within and among political, economic, environmental, social, and legal systems associated with the occupation and the business/industry; and will demonstrate legal and ethical behavior, safety practices, interpersonal and teamwork skills, and appropriate written and verbal communication skills using the terminology of the occupation and the business/industry.

**Licensing/Certification Agency:** Texas Department of Human Services

**CIP Code Description:** 51.3902 (Nursing Assistant/Aide and Patient Care Assistant/Aide)

**Effective Date:** September 1, 2010

### **Professional Nurse Aide Skills - NURA – 1191 (Special Topics) 1SCH hour**

**Course Level:** Advanced

**Course Description:** Topics address recently identified current events, skills, knowledge's, and/or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student. This course was designed to be repeated multiple times to improve student proficiency.

**End-of-Course Outcomes:** Learning outcomes/objectives are determined by local occupational need and business and industry trends.

**Lab Recommended**

**CIP Code Description:** 51.3902 (Nursing Assistant/Aide and Patient Care Assistant/Aide)

**Effective Date:** September 1, 2010

### **Introduction to Clinical Laboratory Science - MLAB = 1201 – 2 SCH (2 Lecture 1 lab)**

**Course Level:** Introductory

**Course Description:** Introduction to medical laboratory science, structure, equipment, and philosophy.

**End-of-Course Outcomes:** Perform laboratory math; identify laboratory equipment; and describe quality control, safety, accreditation, certification, professionalism, and ethics.

**Lab Recommended**

**CIP Code Description:** 51.1004 (Clinical/Medical Laboratory Technician)

Effective Date: September 1, 2014

### **Phlebotomy Lecture – PLAB 1223 – 2 SCH hours – (2 lecture 1 lab)**

**Course Level:** Introductory

**Course Description:** Skill development in the performance of a variety of blood collection methods using proper techniques and standard precautions. Includes vacuum collection devices, syringes, capillary skin puncture, butterfly needles and blood culture, and specimen collection on adults, children, and infants. Emphasis on infection prevention, patient identification, specimen labeling, quality assurance, specimen handling, processing, accessioning, professionalism, ethics, and medical terminology.

**End-of-Course Outcomes:** Demonstrate infection control and safety practices; describe quality assurance as it relates to specimen collection; explain the role of specimen collection in the overall patient care system; identify collection equipment, various types of additives used, special precautions necessary, and substances that can interfere in clinical analysis of blood constituents; demonstrate venipuncture and capillary puncture techniques on adults, children, and infants; and explain requisitioning, transport and processing.

**Lab Recommended**

**CIP Code Description:** 51.1009 (Phlebotomy Technician/Phlebotomist)

**Effective Date:** September 1, 2014

### **Phlebotomy Clinical – PLAB 1164 – 1 SCH hours – (7 Practicum hours)**

**Course Description:** Practical, general workplace training supported by an individualized learning plan developed by the employer, college, and student.

**End-of-Course Outcomes:** As outlined in the learning plan, apply the theory, concepts, and skills involving specialized materials, tools, equipment, procedures, regulations, laws, and interactions within and among political, economic, environmental, social, and legal systems associated with the occupation and the business/industry; and will demonstrate legal and ethical behavior, safety practices, interpersonal and teamwork skills, and appropriate written and verbal communication skills using the terminology of the occupation and the business/industry.

**CIP Code Description:** 51.1009 (Phlebotomy Technician/Phlebotomist)

**Effective Date:** September 1, 2003

### **Introduction to Patient Care Technician NUPC 1320 – 3 SCH hours**

**Course Level:** Introductory

**Course Description:** Training, skills, and knowledge needed to gain employment as a Patient Care Technician in a hospital setting.

**End-of-Course Outcomes:** Assist patients in the acute care setting with activities of daily living; measure vital signs; communicate effectively with patients, family members, and staff.

**Lab Recommended**

**CIP Code Description:** 51.3902 (Nursing Assistant/Aide and Patient Care Assistant/Aide)

**Effective Date:** September 1, 2014

### **Patient Care Technician Clinical- NUPC 1160 – 1 SCH hour**

**Course Description:** A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional.

**End-of-Course Outcomes:** As outlined in the learning plan, apply the theory, concepts, and skills involving specialized materials, tools, equipment, procedures, regulations, laws, and interactions within and among political, economic, environmental, social, and legal systems associated with the occupation and the business/industry; and will demonstrate legal and ethical behavior, safety practices, interpersonal and teamwork skills, and appropriate written and verbal communication skills using the terminology of the occupation and the business/industry.

**Lab Recommended**

**CIP Code Description:** 51.3902 (Nursing Assistant/Aide and Patient Care Assistant/Aide)

**Effective Date:** September 1, 2010

### **Basic Skills for CMA - MDCA 1191 (Special Topics) 1 SCH Hour**

**Course Level:** Advanced

**Course Description:** Topics address recently identified current events, skills, knowledges, and/or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student. This course was designed to be repeated multiple times to improve student proficiency.

**End-of-Course Outcomes:** Learning outcomes/objectives are determined by local occupational need and business and industry trends.

**Lab Recommended**

**CIP Code Description:** 51.0801 (Medical/Clinical Assistant)

**Effective Date:** September 1, 1999

# Utility Power Worker

## Curriculum Revision Request Form

<b>Division:</b>	Technical Education
<b>Department/ Program:</b>	Utility Power Worker
<b>Prepared by:</b>	Dr. Kim Hays
<ul style="list-style-type: none"> <li>• Course additions must include student learning outcomes</li> <li>• Program changes/additions must include program goals</li> </ul>	
<b>Request:</b>	<p><b>Change LINE.CERT – Utility Power Worker Certificate</b></p> <ul style="list-style-type: none"> <li>• from 51 Semester Hours to 30 Semester Hours</li> </ul> <p><b>Delete from Major Course Requirements:</b></p> <ul style="list-style-type: none"> <li>• ELPT 2380 – Cooperative Education – Electrical and Power Transmission Installation/Installer</li> <li>• IEIR 1306 – Electric Motors</li> <li>• IEIR 1310 – Motor Controls</li> <li>• IEIR 1312 – Distribution Systems</li> <li>• LNWK 2321 – Live Line Safety</li> <li>• LNWK 2322 – Distribution Line Construction</li> <li>• WIND 2359 – Wind Power Delivery Systems</li> </ul>
<b>Rational:</b>	Making these changes will build a second Level One certificate that will allow students to complete the Utility Power Worker program in a shortened amount of time and will give them the beginning knowledge to be accepted into an apprenticeship program or find employment through an electrical co-op.
<b>Effects of</b>	A. Faculty / Staff Requirements: No change.
<b>Revisions:</b>	B. Equipment / Facility Requirements: No change.
	C. Location: No change
	D. Income Projections: No change
<b>Effective Date:</b>	Spring 2016

Current	Proposed
<p><b>Utility Power Worker Certificate</b>  Program Advisor: Marcus Hughes, 335-4205  (j0526937@actx.edu) or contact Claudia Arnold, 335-4301  (caarnold@actx.edu)</p> <p><b>Certificate of Completion</b>  <b>Major Code - LINE.CERT</b></p> <p>Prepares individuals with the basic skills necessary to enter the electrical field as a Lineman, Meterman, or Industrial Electrician. The Technical Core must be completed prior to other classes.</p> <p><b>Technical Core Requirements (12 Semester Hours)</b>  ELPT 1311 - Basic Electrical Theory  ETWR 1371 - Technical Communication  INMT 1305 - Introduction to Industrial Maintenance  MCHN 1343 - Machine Shop Mathematics</p> <p><b>Major Course Requirements (39 Semester Hours)</b>  CVOP 1305 - Commercial Driver's License Written Skills  CVOP 1301 - Commercial Driver's License Driving Skills  ELPT 1321 - Introduction to Electrical Safety and Tools  ELPT 1371 - Overhead Distribution/Transmission Operations  ELPT 2380 - Cooperative Education - Electrical and Power Transmission Installation/Installer  IEIR 1306 - Electric Motors  IEIR 1310 - Motor Controls  IEIR 1312 - Distribution Systems  LNWK 1301 - Orientation and Line Skills Fundamentals  LNWK 1371 - Underground Distribution/Transmission Operations  LNWK 2321 - Live Line Safety  LNWK 2322 - Distribution Line Construction  WIND 2359 - Wind Power Delivery Systems  <b>Total (51 Semester Hours)</b></p>	<p><b>Utility Power Worker Certificate</b>  Program Advisor: Marcus Hughes, 335-4205  (j0526937@actx.edu) or contact Claudia Arnold, 335-4301  (caarnold@actx.edu)</p> <p><b>Certificate of Completion</b>  <b>Major Code - LINE.CERT</b></p> <p>Prepares individuals with the basic skills necessary to enter the electrical field as a Lineworker. The Technical Core must be completed prior to other classes.</p> <p><b>Technical Core Requirements (12 Semester Hours)</b>  ELPT 1311 - Basic Electrical Theory  ETWR 1371 - Technical Communication  INMT 1305 - Introduction to Industrial Maintenance  MCHN 1343 - Machine Shop Mathematics</p> <p><b>Major Course Requirements (18 Semester Hours)</b>  CVOP 1305 - Commercial Driver's License Written Skills  CVOP 1301 - Commercial Driver's License Driving Skills  ELPT 1321 - Introduction to Electrical Safety and Tools  ELPT 1371 - Overhead Distribution/Transmission Operations  LNWK 1301 - Orientation and Line Skills Fundamentals  LNWK 1371 - Underground Distribution/Transmission Operations  <b>Total (30 Semester Hours)</b></p>
<p><b>Utility Power Worker Certificate-Groundsman</b>  Program Advisor: Marcus Hughes, 335-4205  (j0526937@actx.edu) or contact Claudia Arnold, 335-4301  (caarnold@actx.edu)</p> <p><b>Certificate of Completion</b>  <b>Major Code - LINE.CERT.BAS</b></p> <p>Prepares individuals with basic skills necessary to enter the electrical field as a Groundsman/helper. The Technical Core must be completed prior to other classes.</p> <p><b>Technical Core Requirements (12 Semester Hours)</b>  ELPT 1311 - Basic Electrical Theory  ETWR 1371 - Technical Communication  INMT 1305 - Introduction to Industrial Maintenance  MCHN 1343 - Machine Shop Mathematics</p> <p><b>Major Course Requirements (12 Semester Hours)</b>  CVOP 1301 - Commercial Driver's License Driving Skills  CVOP 1305 - Commercial Driver's License Written Skills  ELPT 1321 - Introduction to Electrical Safety and Tools  LNWK 1301 - Orientation and Line Skills Fundamentals  <b>Total (24 Semester Hours)</b></p>	<p><b>Utility Power Worker Certificate-Groundsman</b>  Program Advisor: Marcus Hughes, 335-4205  (j0526937@actx.edu) or contact Claudia Arnold, 335-4301  (caarnold@actx.edu)</p> <p><b>Certificate of Completion</b>  <b>Major Code - LINE.CERT.BAS</b></p> <p>Prepares individuals with basic skills necessary to enter the electrical field as a Groundsman/helper. The Technical Core must be completed prior to other classes.</p> <p><b>Technical Core Requirements (12 Semester Hours)</b>  ELPT 1311 - Basic Electrical Theory  ETWR 1371 - Technical Communication  INMT 1305 - Introduction to Industrial Maintenance  MCHN 1343 - Machine Shop Mathematics</p> <p><b>Major Course Requirements (12 Semester Hours)</b>  CVOP 1301 - Commercial Driver's License Driving Skills  CVOP 1305 - Commercial Driver's License Written Skills  ELPT 1321 - Introduction to Electrical Safety and Tools  LNWK 1301 - Orientation and Line Skills Fundamentals  <b>Total (24 Semester Hours)</b></p>

Current	Proposed
<p><b>UTILITY POWER WORKER</b></p> <p><b>CVOP 1301: Commercial Driver's License Driving Skills</b> Overview of the State of Texas Class A Commercial Driver's License driving test. In-depth coverage of in-cab air brake test, proper shifting, right and left-hand turns, movement and control Hours (3 Sem Hrs; 2 Lec; 2 Lab)</p> <p><b>CVOP 1305: Commercial Driver's License Written Skills</b> Overview of the State of Texas Class A Commercial Driver's License written test. In-depth coverage of air brakes, combination vehicle, doubles and triples, tankers, and hazardous materials. Includes preparation for mastery of the Commercial Driver's License written examination. Hours (3 Sem Hrs; 2 Lec; 2 Lab)</p> <p><b>ELPT 1321: Introduction to Electrical Safety and Tools</b> Prerequisite: INMT 1305 and ELPT 1311 – minimum grade of C Safety rules and regulations. Includes the selection, inspection, use and maintenance of common tools for electricians. Hours (3 Sem Hrs; 2 Lec, 2 Lab)</p> <p><b>ELPT 1371: Overhead Distribution/Transmission Operations</b> Prerequisite: LNWK 2322 – minimum grade of C. Examination of overhead distribution and transmission practices and operations. Topics include installation of suspension insulators from structures, rescue and install phases with hot sticks and work with hand line from pole or ground. Principles of transformers, meter loops, capacitors, regulators, reclosures and sectionalizers are covered. Hours (3 Sem Hrs; 2 Lec, 2 Lab)</p> <p><b>ELPT 1391: Special Topics in Electrical and Power Transmission Installer - General</b> Prerequisite: Instructor Consent. Topics address recently identified current events, skills, knowledges, and/or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student. This course was designed to be repeated multiple times to improve student proficiency. Hours (3 Sem Hrs; 2 Lec, 2 Lab)</p> <p><b>ELPT 2380: Cooperative Education - Electrical and Power Transmission Installation/Installer</b> Prerequisite: ELPT 1371, LNWK 2321 – minimum grade of C, Instructor Consent. Final Semester. Career-related activities encountered in the student's area of specialization offered through an individualized agreement among the college, employer, and student. Under the supervision of the college and the employer, the student combines classroom learning with work experience. Includes a lecture component. Hours (3 Sem Hrs; 1 Lec, 40 hrs work/week)</p> <p><b>LNWK 1301: Orientation &amp; Line Skills Fundamentals</b> Prerequisite: ELPT 1321 – minimum grade of C. Examination of utility company operations. Topics include company structure, safety and distribution standards handbook, lineman's tools, vocabulary, and work procedures. Discussion of basic electrical systems including the history of power generation and distribution with emphasis on generating plants and substations. Hours (3 Sem Hrs; 2 Lec, 2 Lab)</p>	<p><b>UTILITY POWER WORKER</b></p> <p><b>CVOP 1301: Commercial Driver's License Driving Skills</b> Overview of the State of Texas Class A Commercial Driver's License driving test. In-depth coverage of in-cab air brake test, proper shifting, right and left-hand turns, movement and control Hours (3 Sem Hrs; 2 Lec; 2 Lab)</p> <p><b>CVOP 1305: Commercial Driver's License Written Skills</b> Overview of the State of Texas Class A Commercial Driver's License written test. In-depth coverage of air brakes, combination vehicle, doubles and triples, tankers, and hazardous materials. Includes preparation for mastery of the Commercial Driver's License written examination. Hours (3 Sem Hrs; 2 Lec; 2 Lab)</p> <p><b>ELPT 1321: Introduction to Electrical Safety and Tools</b> Prerequisite: INMT 1305 and ELPT 1311 – minimum grade of C Safety rules and regulations. Includes the selection, inspection, use and maintenance of common tools for electricians. Hours (3 Sem Hrs; 2 Lec, 2 Lab)</p> <p><b>ELPT 1371: Overhead Distribution/Transmission Operations</b> Prerequisite: LNWK 2322 – minimum grade of C. Examination of overhead distribution and transmission practices and operations. Topics include installation of suspension insulators from structures, rescue and install phases with hot sticks and work with hand line from pole or ground. Principles of transformers, meter loops, capacitors, regulators, reclosures and sectionalizers are covered. Hours (3 Sem Hrs; 2 Lec, 2 Lab)</p> <p><b>ELPT 1391: Special Topics in Electrical and Power Transmission Installer - General</b> Prerequisite: Instructor Consent. Topics address recently identified current events, skills, knowledges, and/or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student. This course was designed to be repeated multiple times to improve student proficiency. Hours (3 Sem Hrs; 2 Lec, 2 Lab)</p> <p><b>ELPT 2380: Cooperative Education - Electrical and Power Transmission Installation/Installer</b> Prerequisite: ELPT 1371, LNWK 2321 – minimum grade of C, Instructor Consent. Final Semester. Career-related activities encountered in the student's area of specialization offered through an individualized agreement among the college, employer, and student. Under the supervision of the college and the employer, the student combines classroom learning with work experience. Includes a lecture component. Hours (3 Sem Hrs; 1 Lec, 40 hrs work/week)</p> <p><b>LNWK 1301: Orientation &amp; Line Skills Fundamentals</b> Prerequisite: ELPT 1321 – minimum grade of C. Examination of utility company operations. Topics include company structure, safety and distribution standards handbook, lineman's tools, vocabulary, and work procedures. Discussion of basic electrical systems including the history of power generation and distribution with emphasis on generating plants and substations. Hours (3 Sem Hrs; 2 Lec, 2 Lab)</p>



**LNWK 1371: Underground Distribution/Transmission Operations**

Prerequisite: LNWK 1301 – minimum grade of C.

Examination of underground electrical system layout and construction with emphasis on safety problems inherent with underground distribution. Topics include the proper use of special tools and equipment specific to underground distribution. Students will perform terminations and splices; test equipment and tools, and perform various replacement and testing functions.

Hours (3 Sem Hrs; 2 Lec, 2 Lab)

**LNWK 2321: Live-Line Safety**

Prerequisite: LNWK 1301 – minimum grade of C.

Study of cover-up procedures and safety requirements for work on energized electrical circuits. Includes use, care, and inspection of cover-up material, recognizing nominal voltages and energized parts, approach distances, and safety.

Hours (3 sem Hrs; 2 Lec, 2 Lab)

**LNWK 2322: Distribution-Line Construction**

Prerequisite: LNWK 1301 – minimum grade of C

Study of electric distribution line construction. Includes reading staking sheets and framing specifications, tailboard discussions, pole framing and setting, installing conductors, transformers and other line equipment, and OSHA and NESC regulations.

Hours (3 Sem Hrs; 2 Lec, 2 Lab)

**LNWK 1371: Underground Distribution/Transmission Operations**

Prerequisite: LNWK 1301 – minimum grade of C.

Examination of underground electrical system layout and construction with emphasis on safety problems inherent with underground distribution. Topics include the proper use of special tools and equipment specific to underground distribution. Students will perform terminations and splices; test equipment and tools, and perform various replacement and testing functions.

Hours (3 Sem Hrs; 2 Lec, 2 Lab)

No Replacement

No Replacement



# Utility Power Worker

Fall One	Fall Two	Fall One	Fall Two	Spring One	Spring Two
<div>TR</div> <div>MCHN 1343 Machine Shop Mathematics 2 lec, 2 lab</div>	<div>TR</div> <div>INMT 1305 Intro to Industrial Maintenance 2 lec, 2 lab</div>	<div>TR</div> <div>ELPT 1321 Intro to Electrical Sft/Tools 2 lec, 2 lab</div>	<div>TR</div> <div>LNWK 1301 Orientation &amp; Line Skills Fundamentals 2 lec, 2 lab</div>	<div>TR</div> <div>IEIR 1306 Electric Motors 2 lec, 2 lab</div>	<div>TR</div> <div>IEIR 1310 Motor Controls 2 lec, 2 lab</div>
<div>MW</div> <div>ETWR 1371 Technical Communication 2 lec, 2 lab</div>	<div>MW</div> <div>ELPT 1311 Basic Electrical Theory 2 lec, 2 lab</div>		<div>MW</div> <div>LNWK 1371 Underground Dist/ Trans Operations 2 lec, 2 lab</div>	<div>MW</div> <div>WIND 2359 Wind Power Delivery System 2 lec, 2 lab</div>	<div>MW</div> <div>LNWK 2321 Live Line Safety 2 lec, 2 lab</div>
<div>Technical Core must be completed prior to entry into other technical courses.</div>		<div>MTWR</div> <div>CVOP 1301/1305 CDL Written &amp; Driving Skills</div>	<div>F</div> <div>LNWK 2322 Distribution Line Construction 2 lec, 2 lab</div>	<div>MTWRF</div> <div>ELPT 2380 Cooperative Education</div>	

Marketable Skills Certificate

Level One Certificate

What  
Is

# Utility Power Worker

Fall One	Fall Two	Fall One	Fall Two	Spring One	Spring Two
Spring One	Spring Two	Spring One	Spring Two	Spring One	Spring Two

TR MCHN 1343 Machine Shop Mathematics 2 lec, 2 lab	TR INMT 1305 Intro to Industrial Maintenance 2 lec, 2 lab	1st - 4 wks MTWR ELPT 1321 Intro to Electrical Sft/Tools 2 lec, 2 lab	1st - 4 wks MTWR LNWK 1371 Underground Dist/ Trans Operations 2 lec, 2 lab
MW ETWR 1371 Technical Communication 2 lec, 2 lab	MW ELPT 1311 Basic Electrical Theory 2 lec, 2 lab	2nd - 4 wks MTWR LNWK 1301 Orientation & Line Skills Fundamentals 2 lec, 2 lab	2nd - 4 wks MTWR ELPT 1371 Overhead Dist/ Trans Operations 2 lec, 2 lab
<p>Technical Core must be completed prior to entry into other technical courses.</p> <p>Marketable Skills Certificate</p>		<p>MTWR CVOP 1301/1305 CDL Written &amp; Driving Skills</p> <p>Level One Certificate</p>	

What will be.