

NMHED Comments: This is a unique course. It is only offered by CNM. It is the sequential course to BUSA 1170, the details of which are provided below.

Request a Change to the NMCCNS

Submitting Institution

Name of HEI	Central New Mexico Community College
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Contact Information

Name	Roberto Vasquez
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Chief Academic Officer

Name	Sydney Gunthorpe
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Registrar

Name	Glen Damiani
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Institutional Course Information (leave blank if course doesn't have an institutional number)

Prefix	BA
Number	2157
Name	Quality Management

Which type of change would you like to make?

Add a course

Which type of course will be added?

Unique Course

Propose a unique course number

Prefix and Number	BUSA 2170
Name	Quality Management

List the course description and student learning outcomes

Course Description
Quality Management is an advanced course focusing on the role of leadership and management in a quality–management environment. Specifically, the course will

examine the characteristics, functions, and influence of leaders and managers within the interconnected strategies that emphasize the application of the five pillars of a Total Quality organization: Customer Satisfaction, Systematic Support, Total Involvement, Measurement, and Continuous Improvement. In addition, the course will apply the fundamentals of the Malcolm Baldrige National Quality Criteria (Leadership; Strategic Planning; Customer Focus; Information and Analysis; Human Resources; Process management; Organizational Results).

Student Learning Outcomes

1. Identify the 7 key components of a quality organization:
 - a. Leadership (Characteristics; Organizational Culture)
 - b. Strategic Planning (Internal and External Factors)
 - c. Customer Focus (Relationships with Customers)
 - d. Information and Analysis (Measurement)
 - e. Human Resources (Employee Engagement)
 - f. Process Management (Continuous Improvement)
 - g. Results (Bottom Line Impacts)
2. Recognize how the components are inter-related within a quality system (systems thinking)

Current CCN course

BUSA 1170. Introduction to Quality Management

Course Description

Introductory practices of total quality management practices aimed at all levels of an organization to continually improve performance to include competitiveness in today's business world.

Student Learning Outcomes

Students should be able to:

1. Describe the critical connections between quality, organizational effectiveness, and professional advancement in today's competitive global economy.
2. Discuss the philosophies of quality management and continuous improvement.
3. Apply fundamental quality principles and tools in a specific organization and in personal life.
4. Explain how strategic plans guide effective organizations.
5. Describe the costs of quality.
6. Explain how benchmarking can be used to increase organizational effectiveness.
7. Demonstrate using a structured problem-solving process.
8. Describe why business results are key to effective organizations.

1053 NMHED Comment - Note: course has been approved for Gen Ed at Feb 2020 NMNAC meeting.

Registrar

Name	Michael Raine
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Institutional Course Information (leave blank if course doesn't have an institutional number)

Prefix	(No response)
Number	(No response)
Name	(No response)

Which type of change would you like to make?

Add a course

Which type of course will be added?

Unique Course

Propose a unique course number

Prefix and Number	MATH 1300
Name	Statistical Literacy

List the course description and student learning outcomes

Note: course has been approved for Gen Ed at Feb 2020 NMNAC meeting.

Description:

Participants will study social statistics encountered by consumers. Study statistics as numbers in context and as evidence in arguments. Study influences on statistics and techniques to mitigate these influences. Strong focus on confounding.

SLOs:

Can use ordinary English to distinguish association from causation and to form arithmetic associations of numbers and ratios.

Can identify and evaluate influences (confounding, assembly, randomness and error/bias) on a statistic.

Can identify, evaluate and use various techniques to take control of – or control for – these influences.

Can use ordinary English to describe and compare statistics as presented in statements, tables and graphs.

Can evaluate the strength of evidence provided by statistics in the everyday media, press releases and journal articles.

1128

NMHED Comments – The CCN-NC approved the course prefix & number *SPED 2211* for this course

Registrar

Name	Michael Raine
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Institutional Course Information (leave blank if course doesn't have an institutional number)

Prefix	SPCE
Number	201
Name	Education of the Exceptional Person

Which type of change would you like to make?

Add a course

Which type of course will be added?

Unique Course

Propose a unique course number

Prefix and Number	SPED 2210
Name	Education of the Exceptional Person

List the course description and student learning outcomes

Description:

A survey of the characteristics and educational needs of exceptional children. Includes definition, etiology, characteristics and various educational alternatives for each of the exceptionalities. Students will explore:

- the historical and legal basis for special education services for students with disabilities;
- the exceptionality categories included in the federal Individuals with Disabilities Act (IDEA 2004) and NM State laws;
- the basic responsibilities of educators and school systems to students with exceptional needs including documentation and IEP participation;
- the importance of, and strategies for, collaboration with families, students, and other professionals
- research-based strategies for differentiating instruction and planning for students with exceptional needs.

SLOs:

- Define and describe the roles and responsibilities of special educators with regard to the six principles

of IDEA & related law (e.g., FERPA, NCLB);

- Become familiar with Universal Design for Learning (UDL) and its application in planning for academic success
- Explain special education procedural safeguards in parent-friendly language and answer relevant questions in an approachable way;
- Model professional ethics and advocacy in a variety of presented scenarios;
- Identify ways to collaborate with educational staff and families for academic success of students regardless of perceived abilities;
- Construct a resource guide that: describes the exceptionality categories included in IDEA and NM State Law; provides information on how eligibility is determined for each category; describes general characteristics of each category and applicable teaching considerations; and provides high quality free or low-cost evidence-based teaching resources applicable to each category.

1163

NMHED Comments: This course is similar to the existing HIST 1105 course.

CNM Faculty are not receptive to aligning with HIST 1105.

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Institutional Course Information (leave blank if course doesn't have an institutional number)

Prefix HIST

Number 1103

Name Introduction to Historical Study

Which type of change would you like to make?

Add a course

Which type of course will be added?

Unique Course

Propose a unique course number

Prefix and Number HIST 1103

Name Introduction to Historical Study

List the course description and student learning outcomes

Course Description:

This course introduces students to the dynamic nature of the field of history. Students will survey the various types of sources that historians rely on to reconstruct past events and will learn to apply historical thinking methods to interpret and write about past events.

SLOs

1. Articulate a definition of the field of historical study that recognizes the centrality of including multiple perspectives on any given historical event
2. Distinguish between and evaluate primary and secondary sources for historical study
3. Identify the elements of the historical thinking process in the context of their application in historical accounts
4. Demonstrate the ability to place historical sources in context through the creation of a project that includes both primary and secondary sources
5. Identify possible career pathways for historians and describe how to prepare for such opportunities

Existing course in the NMHED Course Catalog

HIST 1105. Making History

Course Description

General introduction to history: how historians carry out research and develop interpretations about the past.

Student Learning Outcomes

Through readings, lectures, discussions, examinations, as well as writing assignments, students, upon completion of this course, will be able to:

1. understand and articulate the differences and similarities between history and memory;
2. analyze and critically interpret primary sources and understand how others might interpret and use the same material in different ways;

3. recognize and appreciate the diversity of historical experiences and the uses of historical memory in various societies;
4. understand how historical experiences that include political, geographical, social, cultural, religious and intellectual experiences have been expressed across historical periods;
5. understand how historical experiences and memories have shaped contemporary societies;
6. identify and understand the degree to which history has been used and misused in the past;
7. demonstrate improvement in their ability to read critically, think logically, and express themselves clearly in writing.

1165

NMHED Comments: This is a unique course and is not similar to other courses in the NMHED catalog.

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Institutional Course Information (leave blank if course doesn't have an institutional number)

Prefix CHEM

Number 1115

Name Chemistry in Art

Which type of change would you like to make?

Add a course

Which type of course will be added?

Unique Course

Propose a unique course number

Prefix and Number CHEM 1115

Name Chemistry in Art

List the course description and student learning outcomes

Course Description:

This course will introduce non-science majors to the basic chemistry required to understand topics of interest to the artistic community, such as solubility, color and preparation of pigments, electrochemistry, chemical safety and toxicity. The course will illustrate chemical principles, acquaint students with scientific methods, allow them to critically evaluate scientific claims as presented in the media and in other communicative forums, and emphasize the creation of works of art using their knowledge of chemistry.

SLOs

1. Define and explain basic chemical terms, principles and concepts including the scientific method, atoms, molecules, elements, and compounds.
2. Use dimensional analysis and the SI system of units to solve quantitative scientific calculations.
3. Recognize simple chemical compounds and describe differences between physical and chemical properties.
4. Discuss the relationship of color to electromagnetic radiation.
5. Calculate molar mass of chemical compounds, and molarities of solutions to prepare solutions to be used in the art studio.
6. Use Lewis structures to describe formation of ionic and covalent compounds and describe how electronic structure determines the three-dimensional spatial arrangement of atoms in compounds and ultimately, molecular polarity as it relates to solvents and solubility.
7. Balance chemical reactions and solve simple stoichiometry problems relevant to the synthesis of pigments, binders, and other art materials.
8. Recognize periodic trends of elements in the periodic table and their electron configurations to relate these properties to chemical structure, bonding and reactivity.
9. Explain the differences between covalent, ionic, network covalent and metallic bonding and give examples of art materials that exhibit these types of bonding.
10. Recognize and name simple hydrocarbons and organic functional groups and identify the properties of organic compounds used in the world of art.

1166

NMHED Comments: This is a unique course and is not similar to other courses in the NMHED catalog.

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Institutional Course Information (leave blank if course doesn't have an institutional number)

Prefix CHEM

Number 1115L

Name Chemistry in Art Laboratory

Which type of change would you like to make?

Add a course

Which type of course will be added?

Unique Course

Propose a unique course number

Prefix and Number CHEM 1115L

Name Chemistry in Art Laboratory

List the course description and student learning outcomes

Course Description:

Chemistry in Art Laboratory is a laboratory course designed to complement the theory and concepts presented in the Chemistry in Art lecture component. The laboratory allows students to develop basic chemical laboratory techniques for obtaining and analyzing experimental observations pertaining to chemistry and art using diverse methods and equipment.

SLOs

1. Define and explain basic chemical terms, principles and concepts presented in the lecture.
2. Properly operate laboratory equipment to collect data to be used in art projects.
3. Master basic laboratory techniques including, but not limited to weighing samples (liquid and solid), determining sample volumes, measuring the temperature of samples, heating and cooling a sample or reaction mixture, decantation and filtration.
4. Discuss chemical reactions that take place under various circumstances and their uses in the creation of both 2 and 3-dimensional works of art.
5. Discuss the use and harmful effects of chemicals to the environment and to human health, including the importance of safe disposal of toxic chemicals.
6. Evaluate safety issues in chemical reactions, laboratories and the art studio and take precautions to minimize risk.
7. Utilize chemical mixtures prepared in the laboratory to create works of art.
8. Calculate molar mass of chemical compounds, and molarities of solutions to prepare solutions to be used in art projects.
9. Understand qualitative chemical techniques for determining the presence of particular chemicals in a piece of art, and relate this information to the art's authenticity.
10. Interpret information from data represented in charts, graphs, tables to relate laboratory experimental observations, calculations, and findings to theoretical concepts presented in the complementary lecture course.

1198

NMHED Comments: This is a unique course. It is only offered by NMHU. NMHU's Jesus Rivas (Biology Department Chair) agreed in an email to NMHED staff, dated June 25, 2020, to adopt BIOL 1170 instead of the BIOL 1400 listed on the CCN application, as the common course number.

Request a Change to the NMCCNS

Submitting Institution

Name of HEI	New Mexico Highlands University
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Contact Information

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Registrar

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Institutional Course Information (leave blank if course doesn't have an institutional number)

Prefix	Biol
Number	1400
Name	Conservation Biology for a Changing World

Which type of change would you like to make?

Add a course

Which type of course will be added?

Unique Course

Propose a unique course number

Prefix and Number	Biol 1400
Name	Conservation Biology for a Changing World

List the course description and student learning outcomes

This course provides an initial foundation in the concepts for the Conservation Biology problems faced in today's world. There will be strong emphasis on ecological processes

and how human activity affect them with an emphasis on the conservation of biodiversity, beyond sustainability as well as in the different way that environmental problems affect different people from different ethnic groups and different social classes. The course also addresses the social, economic and political issues affecting biodiversity in the planet both at the macro as well as at the individual level. This course aim to raise awareness on how environmental inequalities affect different demographics historically and in the present. It will be taught with either a service learning or research component and seeks to produce informed citizens that are able to affect positive change in helping stop threats to biodiversity within the framework of environmental justice and social inclusion. This is an entry level course available for any interested student. It addresses competencies of critical thinking, quantitative skills, and personal responsibility

Students who successfully complete this course will be able to: 1) Be able to explain how human activities affect ecological processes at the different levels and its implications for conservation. 2) Be able to apply the scientific method to explain the main threats for biodiversity in the planet. 3) Be able to interpret a data set from scientific studies about conservation issues and draw conclusions regarding the cause of the problem based on the data presented. 4) Be able to explain how human activities affect biodiversity in the planet and rank development practices and policies from more to less hazardous. 5) Be able to explain how different ethnic and socioeconomic groups are differently affected by environmental problems such as pollution, environmental degradation, and access to needed resources. 6) Students also need to be able use basic forms of measurement and instrumentation commonly employed in biological studies, analyze data for the solution of conservation and communicate biological concepts using proper scientific terminology

1208

NMHED Comments: This is a unique course. It is only offered by CNM.

Request a Change to the NMCCNS

Submitting Institution

Name of HEI	Central New Mexico Community College
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Contact Information

Name	Roberto Vasquez
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Chief Academic Officer

Name	Sydney Gunthorpe
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Registrar

Name	Glenn Damiani
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Institutional Course Information (leave blank if course doesn't have an institutional number)

Prefix	HUMN
Number	1105
Name	Being Human: An Introduction to the Humanities

Which type of change would you like to make?

Add a course

Which type of course will be added?

Unique Course

Propose a unique course number

Prefix and Number	HUMN 1105
Name	Being Human: An Introduction to the Humanities

List the course description and student learning outcomes

This course is an introduction to the academic study of the Humanities with a focus on the artistic, scientific, religious, and cultural expressions of New Mexico. It is inquiry and project based, providing students with a foundation of Humanistic thought and college level reading, writing and communication skills.

1. Identify and analyze key ideas, contributions, and expressions from various cultures

and time periods in the areas of the arts, sciences, politics, religion, architecture, music, and philosophy examined in the course.

2. Identify and analyze key expressions of New Mexico using Humanities vocabulary and theory.

3. Demonstrate knowledge of particular examples introduced in the course.

4. Demonstrate critical skills in interpretation, discussion, and in composing creative, analytical and/or objective responses to material