

## **Board of Trustees Agenda Item**

**Board Meeting Date:** December 10, 2012

**Title of Item:** De Anza College 2013-14 New Course Offerings

### **Background and Analysis:**

De Anza College is requesting that the Board of Trustees complete a mid-year review and approval of our new course offerings for the 2013-14 academic-year. This is only a partial list of new courses De Anza College. The remaining new courses will be ready for review and approval in the spring.

### **Recommendation:**

De Anza President Brian Murphy recommends approval of the new course offerings for the 2013-2014 academic year.

Submitted by:	Christina Espinosa-Pieb, VP Instruction, x8958
Additional contact names:	Anu Khanna, Faculty Curriculum Co-Chair, ext. 5787
Is backup provided?	Yes



## 2013-2014 NEW COURSE LIST

Report Created by Mary K. Clark-Tillman, Curriculum/Catalog Coordinator

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**\*\* New**

**ANTH 7                      Introduction to Forensic Anthropology                      4 Unit(s)**

Four hours lecture (48 hours total per quarter).

(See general education pages for the requirement this course meets.)

Advisory: English Writing 1A or English as a Second Language 5.

An overview of forensic anthropology, an applied field of physical anthropology in the medico legal field. A comparative and a holistic approach is used to interpret human skeletal remains and determine the age, sex, race, time of death, trauma, pathology, for the purpose of identification. Focus on varying areas in which forensic anthropology is used, such as in crime scene investigation, missing person identification, human rights and humanitarian investigations.

**Notes:**

**\*\* New**

**ASTR 15L                      Astronomy Laboratory                      1 Unit(s)**

Three hours laboratory (36 hours total per quarter).

(See general education pages for the requirement this course meets.)

Prerequisite: Astronomy 4 or 10 (may be taken concurrently).

Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273; Mathematics 210 or equivalent.

Introductory astronomy lab in which students use astronomical techniques, data, and software to evaluate hypotheses about the physical universe. Areas of investigation include our solar system and the extrasolar planets, as well as stars, galaxies, and the evolution of the universe.

**Notes:**



## 2013-2014 NEW COURSE LIST

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**\*\* New**

**ICS 19                      Justice, Nature and the Geographies of Identity                      4 Unit(s)**

Four hours lecture (48 hours total per quarter).

(See general education pages for the requirement this course meets.)

Advisory: English Writing 1A or English as a Second Language 5.

An exploration of natural, cultural, social, and political transformations through the lens of social and environmental justice. Analyzes contemporary social issues through local examples. Engages students in community-focused problem solving and personal reflection.

***Notes:***

**\*\* New**

**MCNC 60                      Print Reading and Dimensional Metrology                      4.5 Unit(s)**

Four and one-half hours lecture (54 hours total per quarter).

Advisory: English Writing 200 and Reading 200 (or Language Arts 200), or English as a Second Language 261, 262 and 263; Mathematics 210 or equivalent.

Interpretation of multi-view engineering blue prints, visualization techniques, auxiliary and section views.

Appraisal of revision columns, title blocks and bill of materials. Introduction to geometric dimensioning and tolerancing (GD&T) using ANSI and ISO standards. Applications and capabilities of precision measuring tools, including scaled, vernier and digital instruments, used in manufacturing environments to inspect production and prototype parts.

***Notes:***



## 2013-2014 NEW COURSE LIST

Report Created by Mary K. Clark-Tillman, Curriculum/Catalog Coordinator

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**\*\* New**

**MCNC 78A                      CAM Based CNC Multi-Axis Programming Using NX                      4.5 Unit(s)**

Nine hours lecture-laboratory (108 hours total per quarter).

Advisory: English Writing 200 and Reading 200 (or Language Arts 200), or English as a Second Language 261, 262 and 263; Mathematics 210 or equivalent.

A fixed-axis and multi-axis milling course designed for CNC programmers who machine simple or complex parts with fixed and variable tool capabilities. Students will learn how to create fixed and variable axis tool paths. NX workflows for machining contoured parts, high-speed machining methods, milling holes and threads, and milling turbine blade type parts will be introduced.

***Notes:***

**\*\* New**

**MCNC 78B                      CAM Based CNC Multi-Axis Programming Using NX                      4.5 Unit(s)**

Nine hours lecture-laboratory (108 hours total per quarter).

Advisory: English Writing 200 and Reading 200 (or Language Arts 200), or English as a Second Language 261, 262 and 263; Mathematics 210 or equivalent.

A fixed-axis and multi-axis milling course designed for CNC programmers who machine simple or complex parts with fixed and variable tool capabilities. Students will learn how to create fixed and variable axis tool paths. NX workflows for machining contoured parts, high-speed machining methods, milling holes and threads, and milling turbine blade type parts will be introduced.

***Notes:***



## 2013-2014 NEW COURSE LIST

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**\*\* New**

**MCNC 78C                      CAM Based CNC Multi-Axis Programming Using NX                      4.5 Unit(s)**

Nine hours lecture-laboratory (108 hours total per quarter).

Advisory: English Writing 200 and Reading 200 (or Language Arts 200), or English as a Second Language 261, 262 and 263; Mathematics 210 or equivalent.

A fixed-axis and multi-axis milling course designed for CNC programmers who machine simple or complex parts with fixed and variable tool capabilities. Students will learn how to create fixed and variable axis tool paths. NX workflows for machining contoured parts, high-speed machining methods, milling holes and threads, and milling turbine blade type parts will be introduced.

***Notes:***

**\*\* New**

**MCNC 78D                      CAM Based CNC Multi-Axis Programming Using NX                      4.5 Unit(s)**

Nine hours lecture-laboratory (108 hours total per quarter).

Advisory: English Writing 200 and Reading 200 (or Language Arts 200), or English as a Second Language 261, 262 and 263; Mathematics 210 or equivalent.

A fixed-axis and multi-axis milling course designed for CNC programmers who machine simple or complex parts with fixed and variable tool capabilities. Students will learn how to create fixed and variable axis tool paths. NX workflows for machining contoured parts, high-speed machining methods, milling holes and threads, and milling turbine blade type parts will be introduced.

***Notes:***



## 2013-2014 NEW COURSE LIST

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**\*\* New**

**MCNC 78E                      CAM Based CNC Multi-Axis Programming Using NX                      4.5 Unit(s)**

Nine hours lecture-laboratory (108 hours total per quarter).

Advisory: English Writing 200 and Reading 200 (or Language Arts 200), or English as a Second Language 261, 262 and 263; Mathematics 210 or equivalent.

A fixed-axis and multi-axis milling course designed for CNC programmers who machine simple or complex parts with fixed and variable tool capabilities. Students will learn how to create fixed and variable axis tool paths. NX workflows for machining contoured parts, high-speed machining methods, milling holes and threads, and milling turbine blade type parts will be introduced.

***Notes:***

**\*\* New**

**MUSI 1E                      Introduction to Music: Latin America and the Caribbean                      4 Unit(s)**

Four hours lecture (48 hours total per quarter).

(See general education pages for the requirement this course meets.)

Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Introduction to the discipline of Music through the Music of Latin America and the Caribbean; methods of understanding music in Latin American countries and regions including Argentina, the Andes, Brazil, Caribbean nations and Mexico. Includes study of traditional, popular and "art" music; historical roots and cultural analysis, including musical influences on and from the United States; listening techniques; and use of fundamental concepts including musical elements, form and style.

***Notes:***