Nebraska College of Technical Agriculture

Discover Your Way at NCTA

Dual Credit 2015-2016 Enrollment NCTA
Welcome to Dual Credit Enrollment!

The University of Nebraska – Nebraska College of Technical Agriculture (NCTA) strives to reach out to high school students at schools throughout Nebraska and surrounding states. Through our Dual Credit Enrollment program, we provide high schools choices of additional courses designed to allow students to earn high school and college credits concurrently. Many of the NCTA college credits will transfer to other colleges as well. The courses are specifically for high school students interested in agribusiness management systems, animal science and ag education, agronomy and horticulture, and veterinary technology.

Designed to provide a positive experience during a 16-week semester, these ready-to-use classes are prepared by NCTA faculty for delayed delivery using the Blackboard system, which provides flexibility to teach with minimal effort at a time of day best suited to the student and school. The Blackboard courses contain lectures with voice-overs, lab assignments, homework assignments, online quizzes and tests. A few distance learning math and horticulture courses are taught in “real time” through various venues of delivery (class times are Central Standard Time).

We at NCTA realize how important it is to provide a quality education youth across the Great Plains, and we are here to help. If you have questions, ideas about our programs that may help us better serve you, or would like to add Dual Credit Enrollment courses to your curriculum, please do not hesitate to email or call me.

Thanks for giving NCTA the opportunity to help your students work toward achieving their career goals!

Sincerely,

Tina Smith

Apply Online

Follow these 3 simple steps:

1. Visit ncta.unl.edu
2. Click on the “Apply Here” tab
3. Fill out the appropriate NCTA application

At this time you will receive your NU ID # and create your password. Save this information as you will need it to access MyRed for your blackboard user name, registration, student accounts, and to view your grades.

Directions for Students Taking Online NCTA Courses

To find your Blackboard user name, log into MyRed and click on the “Academics” tab, then on the “MY.UNL” link in the Important Links box. Your user name will appear in the next screen.

Your user ID is not the same for MyRed and Blackboard. For MyRed, use your NU (Student) ID and the password you created. For Blackboard, use the blackboard user name (found on MyRed) as your user ID and your eight-digit student ID number as the password. Once you have completed this process you are ready to log into Blackboard.

Go to ncta.unl.edu and click on Academics, then Academic Resources. You will find Blackboard in the “Useful Links” section. This will take you to the login page. Once logged in, you will be able to access the classes for which you are registered. If you have questions, contact your NCTA course instructor or Vicky Luke at 308-367-5204 or vluke1@unl.edu.
To enroll in the NCTA Dual Credit enrollment program, a prospective student must:

- be a junior or senior in a Nebraska high school (or have special permission from both NCTA and the host school);
- have a 3.0 GPA or greater (if not, the student’s counselor should call Tina Smith at 308-367-5267);
- complete the online Dual Credit Enrollment application found at http://ncta.unl.edu/apply; and
- supply evidence of completion of all course requirements or prerequisites listed under the individual course description.

FEE INFORMATION

Students who are accepted into the Dual Credit Enrollment program and register for a course will be responsible for payment of tuition. The Dual Credit Enrollment program tuition rate for Nebraska residents and non-residents is $43.75 per credit hour (subject to change pending Board of Regents approval).

For more information about the ACE Scholarship please visit: http://www.ccpe.state.ne.us/publicdoc/ccpe/Financial_Aid/ACE/default.asp

ADDING A CLASS

Students may add classes during the first two weeks of the semester by contacting:

NCTA Student Services
404 East 7th Street
Curtis NE 69025
Attn: Vicky Luke
Phone: 308-367-5204
Fax: 308-367-5212
vluke1@unl.edu

BOOKS

All books are available through NCTA.

HOLDS

Failure to make payment by billing due date will result in a $20 late fee which incurs each month until account is paid in full. As long as the student’s account remains past due, there will be a hold on further registrations and transcripts.

INCOMPLETE (I) COURSES

In the instance that a Dual Credit Enrollment class is offered as a year-long class instead of a 16-week semester class, the instructor will award the student an incomplete (I) instead of a final grade at the end of the first semester. The (I) is recorded on the student’s grade report and college transcript. The student will be given one full year to change a grade of incomplete (I) to a completed grade. Any incomplete (I) not completed by the end of the makeup period will convert to failure (F) on the student’s grade report and will remain permanently on the student’s NCTA transcript.

IMPORTANT DATES TO REMEMBER:

2015

- April 10: Registration Begins for Fall Semester
- August 21: Registration Due for Fall Semester
- August 26: Dual Credit Fall Classes Begin
- November 10: Spring 2016 Registration Begins
- November 30: Last Day to drop 16-week course
- December 17: End of Fall Semester

2016

- January 5: Registration Due for Spring Classes
- January 14: Dual Credit Spring Classes Begin
- April 10: Registration Begins for Fall 2016
- April 14: Last day to drop 16-week course
- May 5: End of Spring Semester

Withdrawal Time Period

Percentage of Tuition and Fees Refunded (Fall and Spring Semesters):

- 1st Week 100%
- 2nd Week 75%
- 3rd Week 50%
- 4th Week 25%

Absolutely No Refund after the end of the 4th week.

HELP AND MORE INFORMATION

Vicky Luke
Admissions/Registration
Work: (308) 367-5204
Email: vluke1@unl.edu

Tina K. Smith
Admissions
Work: (308) 367-5267
Email: tsmith24@unl.edu

Campus Bookstore
(308) 367-5274
NCTA BlackBoard
Fall 2015

Agribusiness
Management Systems          Credit Hours
Sales Communications
(SPC 1103).................................3
Microeconomics
(ECN 1203).................................3
Human Resource Management
(MGT 2503).................................3
Retail Marketing
(MKT 2103).................................3
Introduction to Spreadsheets
(AIT 1092).................................2
Office Practices
(ABM 2203).................................3

Animal Science/
Ag Education
Animal Management
(ASI 1303).................................3
Nutrition, Livestock
(ASI 1253).................................3
Feeds and Feeding
(ASI 2203).................................3

Agronomy/Horticulture
Crop Science
(AGR 1103).................................3
Natural Resource Management
(AGR 1213).................................3

Veterinary Technology
Introduction to the Vet Office
(VTE 2322).................................2
Exotic Pets: Selection and Care
(VTE 2522).................................2
Animal Care (No Vet Clinic Required)
(VTE 1512).................................2
Radiation Safety
(VTE 2821).................................1
Anatomy and Physiology (Lab Required)
(VTE 1403).................................3
Medical Terminology
(VTS 1301).................................1

Distance Learning
(Live) Fall 2015

General Education
College Algebra
(MTH 1503).................................3 M, T, W, Th - 1:00-1:50 p.m. CT

NCTA BlackBoard
Spring 2016

Agribusiness
Management Systems          Credit Hours
Sales Communications
(SPC 1103).................................3
Microeconomics
(ECN 1203).................................3
Human Resource Management
(MGT 2503).................................3
Retail Marketing
(MKT 2103).................................3
Introduction to Spreadsheets
(AIT 1092).................................2
Office Practices
(ABM 2203).................................3

Animal Science/
Ag Education
Animal Management
(ASI 1303).................................3
Nutrition
(ASI 1253).................................3
Feeds and Feeding
(ASI 2203).................................3

Agronomy/Horticulture
Crop Science
(AGR 1103).................................3
Natural Resource Management
(AGR 1213).................................3

Veterinary Technology
Introduction to the Vet Office
(VTE 2322).................................2
Exotic Pets: Selection and Care
(VTE 2522).................................2
Animal Care:
(VTE 1512, no vet clinic required)....2
Canine and Feline Nutrition
(VTE 2423).................................3
Radiation Safety
(VTE 2821).................................1
Anatomy and Physiology
(VTE 1403, lab required)..............3
Medical Terminology
(VTS 1301).................................1

Distance Learning
(Live) Spring 2016

General Education
Trigonometry
(MTH 2253).................................3 M, T, W, Th - 10:00-10:50 a.m. CT
Elements of Statistics
(MTH 2203).................................3 M, W, F: 1:00-1:50 p.m. CT
Offerings & Descriptions

Agribusiness Management Systems

AIT 1092 INTRODUCTION TO SPREADSHEETS
Introduction to the spreadsheet application, Microsoft Excel. Students will learn to apply formatting, work with formulas and functions, and create graphs and charts, in addition to creating, saving, revising and printing documents. Access to Excel 2007 or 2010 required.

Textbook: Contact Instructor

ABM 2203 OFFICE PRACTICES
A computer-assisted study of major office functions including accounting systems for payroll, credit and collections, business costs and other financial and tax reports, and general records management.

Text/Work Book: The Office Procedures & Technology 5E
By: Oliverio Pasewark White

ECN 1203 MICROECONOMICS (Transferable)
This course is designed to introduce the student to basic economic concepts and to the role of agriculture in today's business environment. Emphasis is placed on supply, demand, production costs, consumption, utility, various types of competition and consumer/producer behavior in various markets.

Textbook: Introduction to Agricultural Economics, 5E
By: Penson, Capps, Rosson & Woodward
Transfer to: UNL ECN 212 & UNK ECN 271

MGT 2503 HUMAN RESOURCE MANAGEMENT (Transferable)
This course includes a study of the recruitment, selection, training, and utilization of human resources, including recruitment, worker's compensation, unemployment insurance, benefits and safety in the workplace.

Textbook: Human Resource Management, 12E
By: R. Wayne Mondy
Transfer to: UNL MNGT 361

MKT 2103 RETAIL MARKETING (Transferable)
This course is designed to provide the student with a basic understanding of the functions necessary in the retail marketing of products and services. Advantages of understanding the complex marketing system are emphasized.

Textbook: Marketing
By: Pride & Ferrell, 2012 Edition
Transfer to: UNL AECN 325

SPC 1103 SALES COMMUNICATIONS (Transferable)
This course will instruct students in retail and service salesmanship, emphasizing the purpose of selling, the characteristics and functions of the salesperson, sales promotion, locating and qualifying prospects, and the steps in making a sale. Students are required to select a product, develop a sales manual and make a sales presentation.

Textbook: Selling, the Profession 5E
By: David Ull
Transfer to: UNL GNCR & UNK SPCH 100

Animal Science/Ag Education

ASI 1253 NUTRITION (LIVESTOCK)
A study of water, carbohydrates, fat, protein, vitamins and minerals as they apply to animal utilization. Lab will include problems involving water, protein and TDN in rations.

Textbook: Animal Feeding and Nutrition 10th E
By: Jurgens, Bregendahl
Transfer to: UNL ASCI Elective (2 Hrs.) & UNK No Transfer

ASI 1303 ANIMAL MANAGEMENT
A study of our natural resources with special emphasis on soil and water management including land classification, conservation practices, and protection methods used to conserve our natural resources, plus the role of government agencies in Natural Resource Management.

Textbook: None
Transfer to: UNL NRES Elective (3 Hrs) & UNK GEOD Elective (3 Hrs)

ASI 2203 FEEDS AND FEEDING
The study of feedstuffs, feed processing and feed additives. Lab will include feed evaluation, moisture determination and conversion, feed tag interpretation, ration evaluation and balancing. ASI 1303 and 1253 should be taken first.

Textbook: Animal Feeding and Nutrition, 10th/11th E
By: Jurgens, Bregendahl, Coverdale, and Hansen

Agronomy/Horticulture

AGR 1103 CROP SCIENCE
Students will develop a global understanding of the food, feed and fiber system. Crop production strategies used to maximize yield and quality while sustaining resources and the environment will be emphasized. Principles of crop growth and development, pest management and technology for crop production will be covered.

Textbook: Contact Instructor

AGR 1213 NATURAL RESOURCE MANAGEMENT (Transferable)
A study of our natural resources with special emphasis on soil and water management including land classification, conservation practices, and protection methods used to conserve our natural resources, plus the role of government agencies in Natural Resource Management.

Textbook: None
Transfer to: UNL NRES Elective (3 Hrs) & UNK GEOD Elective (3 Hrs)
General Education Courses

MTH 1503 COLLEGE ALGEBRA (Transferable)
(Prerequisite: MATH 1010 or adequate level on the math placement test) 45 classroom hours = 45 lecture hours Functions, inverse functions, graphing of linear and quadratic functions, the conic sections, polynomial functions, rational functions, exponential and logarithmic functions, systems of equations, determinants and matrices, and higher degree equations. NOTE: Live delivery of this course requires coordination with instructor prior to registration. Course times will be determined.

Textbook: Contact Instructor
Transfer to: UNL MATH: College Algebra & UNK MATH: College Algebra

MTH 2203 ELEMENTS OF STATISTICS
(Transferable)
Frequency distributions, elementary probability theory, measures of dispersion and central tendency, normal distributions, confidence intervals, hypotheses testing, regression, and correlation.

Textbook: Contact Instructor
Transfer to: UNL STAT 218: Intro to Statistics & UNK STAT 241: Elementary Statistics

.................................................................3 Hrs

MTH 2253 TRIGONOMETRY
Designed for students who plan further study at the calculus level. Numerical trigonometry, trigonometric analysis, inverse trigonometric functions, and complex numbers.

Textbook: Instructor will assign

.................................................................3 Hrs

HTY 1303 AMERICAN HISTORY AFTER 1877 (Transferable)
Examines the economic, political, social and cultural development of the United States from the end of the Reconstruction era through the modern era. Through lectures, readings, assignments, and discussion, students will be asked to interpret and critically evaluate historical documents, perspectives, concepts, and events.

Textbook: Contact Instructor
Transfer to: UNL HIST 111: American History After 1877 & UNK HIST 251: American History

.................................................................3 Hrs

VTE 1512 ANIMAL CARE
This online survey course introduces the student to canine and feline husbandry, including restraint, behavior, species and breed identification, basic technical techniques and the human-animal bond. Humane animal care and management is emphasized.

Textbook: Contact Instructor

.................................................................2 Hrs

VTE 1403 ANATOMY AND PHYSIOLOGY
(Transferable)
Basic body systems are studied at the tissue, organ and system levels. Comparison of various species of common, domestic animals is stressed. NOTE: This online course takes two semesters to complete. Students start in the fall and do not finish until the end of the spring semester.

Textbook: Contact Instructor
Transfer to: UNL ASCI 240: Anatomy & Physiology of Domestic Animal

.................................................................3 Hrs

VTE 2423 CANINE AND FELINE NUTRITION
This online basic nutrition course takes into account the nutritional life cycles, disease processes that diet can affect, feeding styles, nutritional excesses and deficiencies.

Textbook: Small Animal Clinical Nutrition
By: Hand and Novotny

.................................................................2 Hrs

Veterinary Technology Systems

VTE 2522 EXOTIC PETS: SELECTION AND CARE
This online course is designed to introduce students to the selection decisions and overall concerns of owning common exotic-animal pets. Specifics about animal species, housing and nutrition requirements, as well as expectations of pet behavior and interaction will be addressed within the course.

Textbook: Contact Instructor

.................................................................2 Hrs

VTE 2322 INTRO TO THE VET OFFICE
This class provides an introduction into the veterinary office and the knowledge essential for working in this position. It focuses on the terminology used in the clinic that is important for communication with clients, technicians and veterinarians. Terminology expands into knowledge of areas such as infectious diseases, surgery, client relationships, animal care and vaccinations.

Textbook: None

.................................................................2 Hrs

VTE 2821 RADIATION SAFETY
This course is designed for interested persons or veterinary assistants who are working in a private practice. Successful completion of this course will allow the individual to meet Nebraska’s radiation safety requirements.

Textbook: None

.................................................................1 Hr

VTS 1301 MEDICAL TERMINOLOGY
Medical terminology introduces the student to basic words and word structure that are essential in reading and writing medical literature. This course is essential for anyone seeking a better understanding of veterinary medical and scientific terms.

Textbook: Veterinary Medical Terminology 3E
By: Janet Amundson Romich

.................................................................1 Hr
NCTA has been named one of the TOP 10 LARGE ANIMAL VET TECH SCHOOLS.

A survey of graduates, 3 years after leaving NCTA, shows that 75% are employed in agriculture.

FOR MORE INFO, CHECK OUT

NCTA.UNL.EDU

The University of Nebraska is an Affirmative Action/Equal Opportunity Institution.