School District of Marshfield Course Syllabus

Course Name: DC Forestry PS
Grade(s): 10-12
Length of Course: Semester
Credit: 1/2 Credit

Course Description:

DC Forestry PS is a dual credit course that examines the principles behind good forest and woodlot management. Review occupations, lumberjack history, forest products, tree structure and growth, tree identification, tree measurement, silviculture, and chainsaw use and safety. Participate in a field trip to the school forest.

MSTC Course Title: Intro to Fisheries, Forestry, & Wildlife Resources

Course Number:	**MSTC 10-001-199**
Career Cluster:	**Agriculture, Food and Natural Resources**
Level:	**A.A.S. – Associate in Applied Science**
Total Hours:	**72 (Lecture 36 Hr/ Lab 36 Hr)**
Total Credits:	**3 upon successful completion of BOTH DC Forestry PS and DC Wildlife Management PS (Lecture 2 Cr/ Lab 1 Cr)**

Employability Skills:

Behave responsibly – individually and cooperatively
Communicate effectively
Demonstrate cultural, social, and global awareness
Demonstrate effective critical and creative thinking
Use appropriate technology

Course Grading Information:

Grading Scale:

- A 92.5 – 100
- A- 89.5 – 92.49
- B+ 86.5 – 89.49
- B 82.5 – 86.49
- B- 79.5 – 82.49
- C+ 76.5 – 79.49
- C 72.5 – 76.49
- C- 69.5 – 72.49
- D+ 66.5 – 69.49
- D 62.5 – 66.49
- D- 59.5 – 62.49
- F < 59.49

Primary Resource(s):

Introduction to Forestry Science 3rd Edition
Cengage Learning
ISBN: 978-1111-308-39-1
© 2013

Course Competencies

- Describe the history of forest, fish and wildlife management in the United States including watershed events, important people and agencies involved.
- Explain social components important to natural resource managers.
- Use compass, packing, map reading skills, tree measurement instruments and some sampling techniques commonly used in the natural resource field.
- Explain management of some game fish and wildlife species, commercial forests, endangered species and invasive exotic species.
- Develop professional and interpersonal skills conducive to career advancement.

Forestry Course Outline

I. Introduction to Forestry
II. Forest History
III. Forests and Ecology
IV. Tree Identification
V. Forest Management
    a. Forest Soils
    b. Tree Structure and Growth
    c. Artificial Reforestation
    d. Forest Measurement
        i. Land Measurement
        ii. Individual Trees
        iii. Volume Estimation
    e. Silvicultural Practices
    f. Harvesting and Manufacturing Forest Products, Chainsaw Safety
    g. The Economics of Forest Resources Management
VI. Forest Products
    a. Christmas Trees
    b. Maple Syrup
    c. Wildlife
    d. Woods for Energy
VII. Protecting Forests from Living and Non-living Destructive Agents
VIII. Careers

Dual Credit Notification:

This is a dual credit course with Mid-State Technical College. The course outcomes for high school students are identical to the outcomes that students at Mid-State Technical College will be expected to achieve.

Mid-State Policies and Procedures

Credit Hour Expectations - Classroom presentations are specifically planned learning experiences based on identified objectives, direct instructor involvement, and instructional delivery through physical or electronic learning environments. Credit hour expectations are a combination of classroom presentation, lab and outside student effort as outlined in the Educational Services Manual from the Wisconsin Technical College System. The unique environment in online/hybrid classes combines the classroom presentation with the outside effort to an equivalent time expectation per credit. For specific lab and lecture credit hour for Associate Degree and Technical Diploma courses, please see the "Course Standards" section of the Educational Services Manual.

Employability Skills - In addition to specific job-related training, Mid-State has identified a set of employability skills that are transferable and go beyond the content of a specific course. The college supports the following skills for all graduates of Mid-State:

- Behave Responsibly Individually and Cooperatively
- Communicate Effectively
- Demonstrate Effective Critical and Creative Thinking
- Demonstrate Cultural, Social, and Global Awareness
- Use Appropriate Technology

Learner Roles and Responsibilities - You are an adult learner and as such you are responsible for your own learning. No one else can be a "stand in" for you in the learning process. You will be held accountable for all assigned activities. You matter and what you do does make a difference. You will have an opportunity to share your unique ideas and experiences with your student peers and instructor. The form and content of your participation will determine the level of achievement, satisfaction, and enjoyment that you experience. Because others are depending on you to keep the course moving, you have an obligation to meet deadlines for completing assignments and postings.

Academic Integrity Policy - The Mid-State Board, administration, faculty, and staff believe that academic honesty and integrity are fundamental to the mission of higher education. All students are expected to maintain and promote the highest standards of personal honesty and professional integrity. These standards apply to all examinations, assigned work, and projects. Therefore, a student who is found to have been dishonest, fraudulent, or deceptive in the completion of work, willing to help others to be so, or is found to have plagiarized (presented the work of others as his or her own) is subject to disciplinary action up to and including suspension.

Exclusivity Statement - Mid-State Technical College is committed to complying with state and federal equal opportunity laws and regulations and does not discriminate in its services, employment programs, and/or its educational programs and activities. Discrimination and harassment by supervisors, co-workers, students, non-employees on the basis of race, sex, national origin, sexual orientation, age, religion, disability, or other protected class is prohibited by the College. This policy is intended to comply with all applicable state and federal laws, as well as express the College's commitment to the principles of equal opportunity for all.

Student Handbook - Refer to the Mid-State Student Handbook for more information related to student policies and procedures. mstc.edu/student-resources/student-handbook

Student Services - All students, including online students, have access to student services including but not limited to disability services, counseling and advising, career services, and financial aid. To access student services, go to mstc.edu/student-resources/student-services.