

Course Syllabus

Department: Conservation

Date: September 24, 2012

I. Course Prefix and Number: WFS 101

Course Name: Fire Science Agencies and Careers

Credit Hours and Contact Hours: 1 credit hour and 1 contact hour

Catalog Description including pre- and co-requisites: *supporting data required for grade prerequisite of 'C' or higher.*

This course covers the main federal, state and non-governmental agencies that hire Wildland Fire Fighters. Topics will include the missions of each agency, hiring procedures, the meaning of seasonal employment, job descriptions and job requirements. Students will be given a thorough explanation of positions within and outside of New York State. In addition, the role of volunteer fire fighters will be explored.

Relationship to Academic Programs and Curriculum including SUNY Gen Ed designation if applicable:

This is a required course for the Wildland Fire Suppression Certificate.

II. Course Student Learning Outcomes: *State the student learning outcome(s) for the course (e.g. Student will be able to identify...)*

The student will:

- 1) Demonstrate knowledge of the main federal agencies that employ wildland fire fighters. (professional competency)
2. Describe the role of the New York Forest Rangers as wildland fire fighters both within and outside of New York. (professional competency)
3. Demonstrate knowledge of the minimum requirements for a Wildland Firefighter Type II. (professional competency)
4. Complete a successful internet search for job postings for wildland fire fighters. (computer literacy, information resources)
5. Describe at least two State agency requirements for employment (other than NY). (professional competency)
6. Describe three benefits of volunteer firefighting. (professional competency)

College Learning Outcomes Addressed by the Course: *(check each College Learning Outcome addressed by the Student Learning Outcomes)*

- | | |
|--|--|
| <input type="checkbox"/> writing | X computer literacy |
| <input type="checkbox"/> oral communications | <input type="checkbox"/> ethics/values |
| <input type="checkbox"/> reading | <input type="checkbox"/> citizenship |
| <input type="checkbox"/> mathematics | <input type="checkbox"/> global concerns |
| <input type="checkbox"/> critical thinking | X information resources |

III. Assessment Measures (Summarize how the college and student learning outcomes will be assessed): *For each identified outcome checked, please provide the specific assessment measure.*

List identified College Learning Outcomes(s)	Specific assessment measure(s)
Computer literacy	The students will be required to conduct an on-line search for job postings for wildland fire fighter positions and produce a complete list of those positions.
Information resources	The students will explore the resources available on-line which provide job listings for wildland fire fighting positions and will be required to produce a list of positions available.

IV. Instructional Materials and Methods

Types of Course Materials:

Handouts, internet sites, job announcements, textbook

Methods of Instruction (e.g. Lecture, Lab, Seminar ...):

Lecture, video, guest speakers, small group discussion

V. General Outline of Topics Covered:

Topics will include the missions of each agency, hiring procedures, the meaning of seasonal employment, job descriptions and job requirements.

1. Define Wildland Fire Agency
2. Federal Agencies
3. State Agencies

4. NGOs
5. The role of the volunteer
6. Careers in Wildland Fire Suppression
7. Seasonal work
8. Physical, mental and training requirements
9. Resumes
10. Where to look for jobs

7/12