

**2012 - 2013**

**Florida Department of Education  
Curriculum Framework**

**Program Title:           Mold Remediation Specialist**  
**Career Cluster:         Agriculture, Food & Natural Resources**

<b>CCC</b>	
CIP Number	0703010406
Program Type	College Credit Certificate (CCC)
Program Length	13 credit hours
CTSO	N/A
SOC Codes (all applicable)	17-3025
Targeted Occupation List	<a href="http://www.labormarketinfo.com/wec/TargetOccupationList.htm">http://www.labormarketinfo.com/wec/TargetOccupationList.htm</a>
Perkins Technical Skill Attainment Inventory	<a href="http://www.fldoe.org/workforce/perkins/perkins_resources.asp">http://www.fldoe.org/workforce/perkins/perkins_resources.asp</a>
Statewide Articulation	<a href="http://www.fldoe.org/workforce/dwdframe/artic_frame.asp">http://www.fldoe.org/workforce/dwdframe/artic_frame.asp</a>

### **Purpose**

This certificate program is part of the Environmental Science Technology AS/AAS degree program (1703010401/0703010401).

A College Credit Certificate consists of a program of instruction of less than sixty (60) credits of college-level courses, which is part of an AS or AAS degree program and prepares students for entry into employment (Rule 6A-14.030, F.A.C.).

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Agriculture, Food & Natural Resources career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the environmental science industry within the Agriculture, Food & Natural Resources career cluster.

The content includes but is not limited to handling and dispensing of hazardous materials in accordance with federal, state, and local laws and regulations as appropriate. The certificate will provide information on industry standards such as those included in the Occupational Health and Safety Administration (OSHA) 29CFR1910.120 Hazardous Waste Operations and Emergency Response (HAZWOPER) Standard, and the Clean Air Act. The Mold Remediation Specialist Certificate will prepare those responsible for remediating mold infestation in homes and businesses and will follow guidelines established by the State of Florida and the

Environmental Protection Agency (EPA). Graduates of this certificate program should be able to research applicable local, state, and federal regulations and implement methods and strategies to ensure compliance in regard to mold remediation and indoor air quality; to maintain records as required by OSHA, and the Environmental Protection Agency (EPA); to develop and implement hazardous materials handling procedures; and to protect employees/workers/communities from hazardous material exposures.

### **Laboratory Activities**

Laboratory activities are an integral part of this program. These activities include instruction in the use of safety procedures, tools, equipment, materials, and processes related to these occupations. Equipment and supplies should be provided to enhance hands-on experiences for students.

### **Special Notes**

Planned and supervised occupational activities may be provided through directed laboratory experience, practicum or cooperative experience. Whenever the cooperative method is offered, the following is required for each student: (1) a training plan signed by the student, the instructor and the employer which includes instructional objectives and a list of on-the-job and in-school learning experiences; and (2) a work station which reflects equipment, skills, and tasks relevant to the student's career goal. Students must receive compensation for work performed.

In accordance with State Board of Education Rule 6A-10.0315, Minimum basic skill levels have been established for admittance into a college associate degree program.

### **Accommodations**

Federal and state legislation requires the provision of accommodations for students with disabilities as identified on the secondary student's IEP or 504 plan or postsecondary student's accommodations' plan to meet individual needs and ensure equal access. Postsecondary students with disabilities must self-identify, present documentation, request accommodations if needed, and develop a plan with their postsecondary service provider. Accommodations received in postsecondary education may differ from those received in secondary education. Accommodations change the way the student is instructed. Students with disabilities may need accommodations in such areas as instructional methods and materials, assignments and assessments, time demands and schedules, learning environment, assistive technology and special communication systems. Documentation of the accommodations requested and provided should be maintained in a confidential file.

### **Articulation**

For details on articulation agreements which correlate to programs and industry certifications refer to [http://www.fldoe.org/workforce/dwdframe/artic\\_frame.asp](http://www.fldoe.org/workforce/dwdframe/artic_frame.asp).

### **Standards**

After successfully completing this course the student will be able to perform the following:

02.0 Demonstrate knowledge of the principles of managing and remediation of air pollution.

- 04.0 Operate and calibrate laboratory and field instruments used in quantitative and qualitative analysis of pollutants.
- 05.0 Sample, analyze, and calculate data related to air and water pollutants.
- 08.0 Demonstrate employability skills.

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Student Performance Standards**

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- 02.0 Demonstrate knowledge of the principles of managing and remediation of air pollution--  
The student will be able to:
- 02.02 Identify natural and manmade pollutants; their sources, effects, and control techniques.
  - 02.03 Collect and analyze air samples.
  - 02.04 Describe legal aspects and consequences of air pollution.
  - 02.07 Measure the air pollutant of a specific source.
  - 02.08 Record, interpret and report laboratory analyses.
- 04.0 Operate and calibrate laboratory and field instruments used in quantitative and qualitative analysis of pollutants--The student will be able to:
- 04.01 Demonstrate knowledge of basic laboratory operation.
  - 04.02 Operate and calibrate selected laboratory instruments.
  - 04.03 Operate and calibrate selected field instruments and equipment.
- 05.0 Sample, analyze, and calculate data related to air and water pollutants--The student will be able to:
- 05.01 Gather and analyze selected samples.
  - 05.02 Manipulate data and reach firm conclusions.
  - 05.03 Write selected formal technical reports.
  - 05.04 Identify and perform the correct analysis for selected air pollutants listed with state and federal regulations.
- 08.0 Demonstrate employability skills--The student will be able to:
- 08.02 Secure information about a job.
  - 08.03 Identify documents that may be required when applying for a job.
  - 08.05 Demonstrate competence in job interview techniques.
  - 08.07 Identify acceptable work habits.
  - 08.08 Demonstrate knowledge of how to make job changes appropriately.