

Green Industry Co-op Project Outline

Description:

This Co-op allows students to learn and work in the field with Industry Professionals in all areas of the Green Industry. Students will complete a project designed and developed in collaboration with the Industry Professional and cooperating teacher. Upon successful completion students will earn Industry credentials and, at the school's discretion, academic credit may be awarded. **Process/Steps**

Step 1: Student meets with Cooperating Teacher to discuss the industry credential area and Community Based Organization (CBO).

Step 2: Cooperating Teacher will schedule a 3 way meeting with CBO and student to review ELO requirements, project assessment and dates.

Step 3: Student obtains required signatures (Parents, Administrator, & ELO Coordinator).

Step 4: Paper work is filed with ELO coordinator and copies made available to student and CBO.

Step 5: ELO mid-term progress and final assessment sign off.

Admissions Criteria:

This ELO is in partnership with the New Hampshire Landscapers Association (NHLA). Students must be employed by a member of the NHLA to receive both credit and industry credentials. You can find a local NHLA member by visiting the [NHLA](https://nhlaonline.org/) website. (<https://nhlaonline.org/>)

Admissions Characteristics:

Specific personal characteristics can make the job of landscaping easier to obtain and keep. Because the work is physically strenuous, stamina to exert the body for several hours while standing, bending or stooping is necessary. Physical strength allows workers to carry heavy bags of fertilizer or soil, and to move rocks and fallen tree trunks, often over uneven terrain. You should be able to lift and carry a minimum of 60 pounds. Many groundskeepers work in groups, so good teamwork and cooperation are essential. Finally, workers must have self-motivation and the ability to operate independently because they may be isolated on a large property with little supervision. In general a person in this field would spend 66% or more conducting one or more of the following physical activities: standing, walking, sitting, Use Hands to finger, handle or feel, climb or balance, stoop, kneel, crouch, or crawl.

Assessment

Experiences will be designed to help students demonstrate competencies required to attain the target industry credential. (see **Measurable Goals As defined by NHLA on page 3**). Student will maintain a weekly field journal documenting their experience toward achieving these goals. Documentation can take the form of journal entries, observation, evidence of research, photographs, e-mails from CBO, etc.

Assessment happens at two junctures in the ELO experience: At mid-point and Final/Completion.

Student performance is assessed, with a rating 1-4, with respect to each of the competencies within the sought after credential. Both the student and supervisor assign a rating on each measurable goal. The student must also write a short reflection on their performance.

Rating Scale:

1= NO EXPOSURE;

2 = NOVICE (Information was covered in class, but student cannot demonstrate skill or knowledge without significant supervision);

3 = PROFICIENT (Student regularly demonstrates the knowledge or skill);

4= MASTERY (Student demonstrates successful completion of this skill numerous times without supervision.)

Student name: _____ School: _____

Supervisor: _____

Outcomes to be demonstrated: **Mid-Term Assessment**

<u>CO-OP Topic</u>	<u>Micro Credential</u>	<u>NH Dept. of Education/CTE (Related Core Competency)</u>	<u>Student's Measurable Goals As defined by NHLA</u>	<u>CBO Rating 1-4</u>	<u>CBO Initials</u>	<u>Student Rating 1-4</u>	<u>Student Initials</u>
Landscape Architecture	Regulatory	Understand and apply the concepts, techniques, and strategies of entrepreneurship/business owner to make sound business decisions.	a. Student demonstrates when the appropriate permit is necessary. b. Student understands the appropriate regulatory authority. c. Student understands information required for each permit. d. Student understands review time for each permit.				
	Graphics	Understand and apply design principles to enhance an environment for a variety of purposes.	a. Student has basic understanding of CAD programs. b. Student has basic understanding of modeling programs. c. Student has basic understanding of scaling and drafting tools.				
	Plant Selection	Understand and apply design principles to enhance an environment for a variety of purposes.	a. Student understands appropriate hardiness zones. b. Student understands natural and cultural elements such as soils, wind exposure and sun. c. Student understands seasonal influences on plant selection. d. Student understands basic plant identification.				
	Budgeting	Understand and apply the concepts, techniques, and strategies of entrepreneurship/business owner to make sound business decisions.	a. Student understands budget pricing and rough quantity takeoffs. b. Student understands different material selection and cost implications. c. Student understands material markups and delivery fees.				

	Creativity	Understand how the influence of environmental factors, nutrients and growing media on plant growth impacts the production and management of plants.	<ul style="list-style-type: none"> a. Student participates and contributes in brainstorming concepts. b. Student demonstrates working in a team environment. c. knowing what the clients is trying to achieve 				
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Student name: _____ School: _____

Supervisor: _____

Outcomes to be demonstrated: **Final Assessment**

<u>CO-OP Topic</u>	<u>Micro Credential</u>	<u>NH Dept. of Education/CTE (Related Core Competency)</u>	<u>Student's Measurable Goals As defined by NHLA</u>	<u>CBO Rating 1-4</u>	<u>CBO Initials</u>	<u>Student Rating 1-4</u>	<u>Student Initials</u>
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