

COURSE OUTLINE

Course: 10281 NURSERY PRACTICES

Total Course Hours: 360.00

CBEDS Title: HORTICULTURE AND THE ENVIRONMENT

CBEDS #: 4050

Job Title(s):

Wholesale Nursery Grower, Greenhouse Manager, Landscaper, Garden Gate Center Operator, Professional Gardener

Prerequisites:

Course Description:

This course offers an introduction to agricultural nursery techniques. The course covers plant propagation, plant identification, demonstration gardens, growing container plants, soil preparation, nursery sales and record keeping techniques. Students are introduced to agricultural nursery practices and are able to identify plants, grow container plants, ground covers, develop gardens, prepare soils, and demonstrate sales and record keeping skills. Integrated throughout the course are Academic and CTE standards, which include safety, communication, technology, ethics, career planning and other employability skills.

Hours	
Class	OJT

Occupational Competencies

1-7 on the Course Outline are generic to all BVROP courses and include the BVROP Student Outcomes

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| 3.00 | 3.00 | 1 | <u>ORIENTATION</u> | <ul style="list-style-type: none"> A Identifies and discusses course objectives and competencies. B Discusses ROP Student Outcomes. C Explains class attendance and behavior objectives. |
| 3.00 | 3.00 | 2 | <u>HEALTH, SAFETY AND ENVIRONMENTAL MANAGEMENT</u> | <ul style="list-style-type: none"> A Describes accident procedure. B Demonstrates appropriate safety practices (e.g. bending, lifting, etc.). C Demonstrates knowledge of classroom procedures and drills (e.g. earthquake, fire and emergency). |
| 3.00 | 3.00 | 3 | <u>ETHICS AND LEGAL RESPONSIBILITIES</u> | <ul style="list-style-type: none"> A Defines sexual harassment and discusses tactics for handling harassment situations. B Applies appropriate workplace behavior and standards. |
| 3.00 | 3.00 | 4 | <u>LEADERSHIP AND TEAMWORK</u> | <ul style="list-style-type: none"> A Describes the characteristics and benefits of teamwork and leadership. B Demonstrates ability to make appropriate decisions. C Works well with others and gives/takes constructive criticism. |
| 15.00 | 15.00 | 5 | <u>CAREER PLANNING</u> | <ul style="list-style-type: none"> A Prepares a finished, professional portfolio showing the best work that has been completed during the class. B Locates job opportunities through the use of want-ads and placement agencies. C Visits at least one facility related to area of training and observes jobs performed. D Completes a job application correctly. E Prepares for and critiques a simulated employment interview. F Discusses employee benefits and rights as related to the specific occupational job area including gender equity and equal opportunity. G Identifies acceptable procedures to leave a job. H Applies for a scholarship. I Completes a professional resume. J Demonstrates appropriate personal grooming and dress. |

Hours	
Class	OJT

3.00	3.00
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6 COMMUNICATION

- A Uses effective workplace conversation.
- B Reads and interprets written information and directions.
- C Practices various forms of written communication appropriate to the occupation.

5.00	5.00
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7 STUDENT OUTCOMES

- A Demonstrates Occupational Specific, Communication and Critical Thinking Skills
- B Demonstrates Responsible Work Ethics
- C Demonstrates Career/Employment Literacy
- D Demonstrates Effective Use of Technology

15.00	15.00
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8 SOILS

- A Identifies soil group mixtures
- B Passed test on plant growing media
- C Identifies soil mixtures
- D Demonstrates the ability to perform soil water percolation test

15.00	15.00
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9 PLANT KNOWLEDGE - GREEN

- A Identifies plants by common and botanical names
- B Identifies common trees, shrubs, vines, plants and ground covers
- C Identifies plant parts and give function
- D Identifies photosynthesis, transpiration, respiration and absorption
- E Propagates plants by seeds, cuttings and layering
- F Grafts plants by T-budding, cleft grafting and tip grafting
- G Native vegetation

15.00	15.00
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10 USES OF COMMON CHEMICALS

- A Describes safety procedures for handling chemicals
- B Describes proper fertilization techniques
- C Demonstrates ability to mix soil amendments
- D Describes pesticide, herbicide, fungicide & rodenticides uses and classifications.

15.00	15.00
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11 PLANTING AND MAINTENANCE PROCEDURES - GREEN

- A Performs plant maintenance and weed control
- B Prepares soils and growing media
- C Prepares and maintains garden plots and container grown plants mixtures and prepared soils for planting
- D Green Waste

15.00	15.00
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12 IRRIGATION PROCEDURES - GREEN

- A Describes the importance of irrigation
- B Describes watering needs of plants
- C Practices regular watering
- D Reclaimed water
- E Water conservation

15.00	15.00
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13 INVENTORY CONTROL

- A Performs periodic inventory and describes shrinkage
- B Follows receiving procedures and performed pricing

15.00	15.00
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14 DISPLAY MERCHANDISING

- A Properly displays merchandise
- B Describes purpose of displays and explains various types of displays
- C Demonstrates tie-in displays

Hours	
Class	OJT

10281 NURSERY PRACTICES

10.00	10.00
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15 SALESMANSHIP SKILLS

- A Performs sales presentation
- B Demonstrates product knowledge
- C Demonstrates proper customer courtesy
- D Demonstrates salesmanship skills through a internship at a retail or wholesale nursery

15.00	15.00
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16 CUSTOMER COURTESY

- A Describes the importance of telephone and written communications
- B Demonstrates the ability to write letters, develop fliers and brochures
- C Demonstrates the ability to develop a favorable image with customers
- D Demonstrates the ability to handle returns and complaints
- E Demonstrates the ability to handle multiple customers

15.00	15.00
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17 RECORD KEEPING

- A Demonstrates ability to write contracts and sales receipts
- B Develops and maintains credit accounts
- C Collects and records sales tax
- D Describes and completes monthly statements
- E Demonstrates the ability to run computer accounting program

TOTAL HOURS

Class	OJT	Course
180.00	180.00	360.00