

## Fox Valley Technical College

10001111 Introduction to Horticulture

# Course Design

### Course Information

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|  | Description | This course is an overview of the Horticulture profession, including its role and importance throughout history. Current trends and career opportunities will be covered. Particular attention is given to horticultural crops, plant classification, plant utilization, and the interrelationships among the environment, plant growth, and plant development. |
|  | Total Credits | 3.00 |

### Course Competencies

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| 1 | Explore the Horticulture Industry and related careers |
|  | Assessment Strategies |
|  | Oral, Written, Graphic Assessment, or Demonstration |
|  | Criteria |
|  | learner identifies the diverse careers in Horticulture  learner describes significant events in Horticultural history  learner describes current trends in Horticulture  learner describes the importance of Horticulture to society |
| 2 | Explore plant growth, development, and ecology |
|  | Assessment Strategies |
|  | Oral, Written, Graphic Assessment, or Demonstration |
|  | Criteria |
|  | learner describes basic plant morphology  learner describes basic plant physiology  learner distinguishes plants based on their natural growing habitat, communities, and ecology |
| 3 | Explore plant classification |
|  | Assessment Strategies |
|  | Oral, Written, Graphic Assessment, or Demonstration |
|  | Criteria |
|  | learner categorizes plants based on use within the Horticulture industry  learner categorizes plants based on plant taxonomy and the binomial system |
| 4 | Explore plant health care |
|  | Assessment Strategies |
|  | Oral, Written, Graphic Assessment, or Demonstration |
|  | Criteria |
|  | learner explains the impact of cultural conditions on plant health  learner explains the impact of environmental conditions on plant health  learner explains the components of integrated pest management (IPM) |
| 5 | Explore horticultural crops and production |
|  | Assessment Strategies |
|  | Oral, Written, Graphic Assessment, or Demonstration |
|  | Criteria |
|  | learner differentiates among various methods of propagating plants  learner describes techniques and facilities for growing plants  learner describes management strategies for common horticultural crops |
| 6 | Explore principles of design and design implementation |
|  | Assessment Strategies |
|  | Oral, Written, Graphic Assessment, or Demonstration |
|  | Criteria |
|  | learner describes the design process  learner identifies the sources for horticultural plants and materials  learner describes the process of installing and maintaining materials used in a design |