

LANDSCAPE GARDENER APPRENTICESHIP COURSE SUMMARIES

COURSE LGA3405: LANDSCAPE EQUIPMENT

Students develop basic skills related to tools, machinery and hydraulics to safely use landscape equipment and perform various landscaping jobs.

Prerequisite: LGA3900: Apprenticeship Safety

COURSE LGA3410: SOILS 1

Students develop basic skills related to soils, including formation, components, properties and chemical factors.

Prerequisite: LGA3900: Apprenticeship Safety

COURSE LGA3415: SOILS 2

Students develop basic skills related to soil, including the affects of water quality on soil and biological properties, sampling and fertility of soils.

Prerequisites: LGA3900: Apprenticeship Safety, LGA3410: Soils 1

COURSE LGA3420: PLANT IDENTIFICATION

Students develop basic skills related to identifying selected plants.

Prerequisite: LGA3900: Apprenticeship Safety

COURSE LGA3425: PLANT TAXONOMY

Students develop basic skills of plant taxonomy in relation to plant identification and plant maintenance.

Prerequisites: LGA3900: Apprenticeship Safety, LGA3420: Plant Identification

COURSE LGA3430: PLANTS & LANDSCAPE

Students develop basic skills related to identifying selected plants.

Prerequisites: LGA3900: Apprenticeship Safety, LGA3420: Plant Identification, LGA3425: Plant Taxonomy

COURSE LGA3435: BOTANY 1

Students develop basic skills related to botany, such as identifying the functions of plant cells and tissues, plant stems and plant leaves.

Prerequisite: LGA3900: Apprenticeship Safety

COURSE LGA3440: BOTANY 2

Students develop basic skills related to botany, such as identifying the functions of plant roots and plant flowers, comparing the process of fruit development and describing the life cycles of plants.

Prerequisites: LGA3900: Apprenticeship Safety, LGA3435: Botany 1

COURSE LGA3445: GREENHOUSE ENVIRONMENT

Students compare plant containers and growing media; explain how an environment influences plant growth; and demonstrate propagation techniques related to greenhouse production.

Prerequisite: LGA3900: Apprenticeship Safety

COURSE LGA3450: GREENHOUSE PRODUCTION

Students demonstrate transplanting and potting techniques; explain procedures for hardening off plants; and describe influences on plant health related to greenhouse production.

Prerequisites: LGA3900: Apprenticeship Safety, LGA3445: Greenhouse Environment

COURSE LGA3455: GREENHOUSE SYSTEM

Students describe methods for handling crops; evaluate structures and equipment; and operate environmental control systems related to the greenhouse system.

Prerequisites: LGA3900: Apprenticeship Safety, LGA3445: Greenhouse Environment, LGA3450: Greenhouse Production

COURSE LGA3460: SITE PREPARATION

Students develop basic skills in landscape construction and maintenance related to site preparation.

Prerequisite: LGA3900: Apprenticeship Safety

COURSE LGA3465: TURF

Students develop basic skills in landscape construction and maintenance related to turf selection and installation.

Prerequisites: LGA3900: Apprenticeship Safety, LGA3460: Site Preparation

COURSE LGA3470: WOODY PLANTS

Students develop basic skills in landscape construction and maintenance related to woody plant selection, installation and pruning fundamentals.

Prerequisite: LGA3900: Apprenticeship Safety

COURSE LGA3475: LGA PRACTICUM A

Students, on the work site, continue to develop and refine those competencies developed in related Career and Technology Studies (CTS) occupational areas, previous practicums and other experiences.

Prerequisite: None

COURSE LGA3480: LGA PRACTICUM B

Students, on the work site, continue to develop and refine those competencies developed in related career and technology studies (CTS) occupational areas, previous practicums and other experiences.

Prerequisite: None

COURSE LGA3485: LGA PRACTICUM C

Students, on the work site, continue to develop and refine those competencies developed in related career and technology studies (CTS) occupational areas, previous practicums and other experiences.

Prerequisite: None

COURSE LGA3490: LGA PRACTICUM D

Students, on the work site, continue to develop and refine those competencies developed in related career and technology studies (CTS) occupational areas, previous practicums and other experiences.

Prerequisite: None

COURSE LGA3900: APPRENTICESHIP SAFETY

Students develop knowledge, skills and attitudes in the practice of workshop health and safety, communication and career planning.

Prerequisite: None