

# SHORT TERM TRD/INDSTR/TRANSPRT (STTRDE)

## Short Term Trd/Indstrl/Trnsprt (STTRDE) 106

### Road Driving

Designed for individuals with little or no commercial truck driving experience, this course provides theoretical foundation to become a commercial driver. Students will learn the regulations that governs each classification and why commercial vehicles are identified by classifications. Through this course, students will be eligible to obtain their commercial driver's license. Upon successful completion, students will receive a certificate of completion and a Class "A" Commercial drivers license. Writing assignments, as appropriate to the discipline, are part of the course.

*Grade of C or better in STTRDE 148 and 337, and earned their Commercial License Permit (CLP). Must be 18 years of age or older, possess a valid driver's license, a good driving record, and pass both a physical exam and an alcohol/drug test.*

4 Laboratory hours. 2 Credit Hours.

**Offered At:** OH

## Short Term Trd/Indstrl/Trnsprt (STTRDE) 116

### Class B-Passenger Endorsement

The purpose of this course is to provide students with the necessary training required to safely transport passengers in commercial in motor vehicles. Students receive training in pre-trip and post-trip inspection, loading and unloading, use of brake-door interlocks, passenger transportation and prohibited practices. Upon completion of this course students will receive a certificate of completion and a Passenger Endorsement on their Commercial Drivers License.

1 Laboratory hours. 0.5 Lecture hours. 1 Credit Hours.

**Offered At:** OH

## Short Term Trd/Indstrl/Trnsprt (STTRDE) 117

### Class B-School Bus Endorsement

The purpose of this course is to provide students with the necessary training required to become safe school bus drivers. Training will include pre-trip and post-trip inspection, loading and unloading, transporting students with special needs, proper securement of child safety seats, evacuation, railroad crossings and school bus operations. Upon completion of this course, students will receive a certificate of completion and a School Bus and Passenger Endorsement on their Commercial Drivers License.

2 Laboratory hours. 1 Lecture hours. 2 Credit Hours.

**Offered At:** OH

## Short Term Trd/Indstrl/Trnsprt (STTRDE) 118

### Forklift Operator

The Forklift Operator course prepares students for the workplace. Upon completion of this course, students will have a working knowledge of the basic need and use of the lift truck. Students will also be able to safely inspect and operate the lift truck. This course includes theory and practical training.

1 Laboratory hours. 1.5 Lecture hours. 2 Credit Hours.

**Offered At:** OH

**Repeatable:** Yes, up to 1 times

## Short Term Trd/Indstrl/Trnsprt (STTRDE) 136

### Basic Horticulture

This course will introduce students to basic concepts of Horticulture with emphasis on basic anatomy, terminology, and functions of plants and professions surrounding culture and use of ornamental plants. Writing assignments, as appropriate to the discipline, are part of the course.

4 Laboratory hours. 1 Lecture hours. 3 Credit Hours.

**Offered At:** DA

## Short Term Trd/Indstrl/Trnsprt (STTRDE) 137

### Managing Urban Green Space

This subject will provide an understanding of how to manage urban green spaces. The study policy, planning and process issues, community consultation, structures, systems and contractual relationships, landscape documentation, project planning and implementation, life-cycle analysis of landscape elements, urban vegetation planning, implementation and maintenance, sustainability concepts and examples. Writing assignments, as appropriate to the discipline, are part of the course.

*Grade of C or better in STTRDE 136 Basic Horticulture.*

4 Laboratory hours. 1 Lecture hours. 3 Credit Hours.

**Offered At:** DA

## Short Term Trd/Indstrl/Trnsprt (STTRDE) 138

### Horticultural Plant Science

This subject covers the structure and function of plants and plant tissue, cell physiology, energy transformations, metabolism, photosynthesis, plant nutrition, water and nutrient uptake and transport and whole plant physiology. By the conclusion of this subject the student should be able to demonstrate their, of the and of the integration of these processes in the physiology of plant growth. Writing assignments, as appropriate to the discipline, are part of the course.

4 Laboratory hours. 1 Lecture hours. 3 Credit Hours.

**Offered At:** DA

## Short Term Trd/Indstrl/Trnsprt (STTRDE) 139

### Urban Horticultural Floral

This course will provide the student with a working knowledge of plant science, anatomy, morphology, physiology, taxonomy, reproduction and genetics as they relate to horticultural ornamental plants. Writing assignments, as appropriate to the discipline, are part of the course.

*Grade of C or better in STTRDE 136 - Basic Horticulture*

4 Laboratory hours. 1 Lecture hours. 3 Credit Hours.

**Offered At:** DA

## Short Term Trd/Indstrl/Trnsprt (STTRDE) 140

### Greenhouse Crop Production

This course will cover information on the production of greenhouse crops and the cultural practices required for growth. Subjects including seeding, watering, fertilization, containers, growing Medias, temperature control, insect and disease control will be covered. Greenhouse plants and pot crops will be grown throughout the semester. Writing assignments, as appropriate to the discipline, are part of the course.

*Grade of C or better in STTRDE 136 - Basic Horticulture*

4 Laboratory hours. 2 Lecture hours. 4 Credit Hours.

**Offered At:** DA

**Short Term Trd/Indstrl/Trnsprt (STTRDE) 141**

**Soil Fertility and Assessment**

This course introduces students to the ways that farmers and gardeners develop and maintain soil fertility in sustainable farming systems. Subjects include introduction to the tools, techniques and rationale behind soil cultivation, soil analysis, soil physical properties, components, nutrient deficiency, soil chemistry, and soil fertility. Writing assignments, as appropriate to the discipline, are part of the course.

*Grade of C or better in CE TRDE 136- Basic Horticulture.*

4 Laboratory hours. 1 Lecture hours. 3 Credit Hours.

**Offered At:** DA

**Short Term Trd/Indstrl/Trnsprt (STTRDE) 142**

**Management of Plant and Animal Invasion**

This course will provide insight and learning of the invasions that are natural ecological phenomena. Dispersing individuals encounter suitable habitat, establish, spread and evolve. In this way, species have radiated outwards from their origins, colonized distant offshore islands, and species have spread in response to changes in climate. Human-induced invasions of plants, animals and diseases in modern times have dramatically altered the scales of time and distance over which invasions take place. Writing assignments, as appropriate to the discipline, are part of the course.

*Grade of C or better in STTRDE 136 - Basic Horticulture.*

4 Laboratory hours. 1 Lecture hours. 3 Credit Hours.

**Offered At:** DA

**Short Term Trd/Indstrl/Trnsprt (STTRDE) 143**

**Sustainable Farming Practices**

This course is designated for those interested in or presently working in the area of grounds care and maintenance. Areas of study including pruning, fertilizing, pesticide use, digging and replacement of landscape plants, general turf care and maintenance of equipment. Writing assignments, as appropriate to the discipline, are part of the course.

*Grade of C or better in STTRDE 136, 140 and 141.*

4 Laboratory hours. 2 Lecture hours. 4 Credit Hours.

**Offered At:** DA

**Short Term Trd/Indstrl/Trnsprt (STTRDE) 144**

**Practicum/Internship**

This Practicum/Internship is designed for those who have successfully completed the course work for all courses associated with the Sustainable Urban Horticulture program. This Practicum/Internship will allow the student to experience the full vision and mission of the program. Writing assignments, as appropriate to the discipline, are part of the course.

*Grade of C or better in STTRDE 136, 137,138,139, 140, 141,142,143 and Consent of Department Chairperson.*

10 Laboratory hours. 5 Credit Hours.

**Offered At:** DA

**Short Term Trd/Indstrl/Trnsprt (STTRDE) 145**

**Class C Driver Training**

This course provides in-depth coverage of the laws, rules, and regulations that are applicable to the operation of both commercial and non-commercial motor vehicles. Students gain knowledge and skills in the area of vehicle inspection, pre-testing, skill operations, and defensive driving techniques. Writing assignments, as appropriate to the discipline, are part of the course.

*Must be at least 21 years of age, possess a valid driver license, eligible for Department of Transportation Medical Card, and physically able to operate the vehicle and maintain negative drug/alcohol testing.*

3 Lecture hours. 3 Credit Hours.

**Offered At:** OH

**Short Term Trd/Indstrl/Trnsprt (STTRDE) 147**

**Passenger Driver Practice**

This course is designed for individuals with little or no commercial driving experience, this course provides the theoretical foundation to become a commercial driver. Students will learn the regulations and actual applications that governs each classification and why commercial vehicles are identified by classification. Students will obtain their Class B Commercial Driver's License Learner's Permit.

*Prospective student must be 21 years of age or older, possess a valid drivers license, a good driving record (demonstrated through a court ordered motor vehicle report) and pass a physical examination. Additionally they must successfully obtain the class*

8 Laboratory hours. 4 Credit Hours.

**Offered At:** OH

**Short Term Trd/Indstrl/Trnsprt (STTRDE) 148**

**Commercial Driving Training Practice**

This course is designed as the continuation of the theory course, this course provides students with behind-the-wheel experience leading them to present their driver's exam and obtaining the Illinois Commercial Driver's License. Writing assignments, as appropriate to the discipline, are part of the course.

*Student must be 21 years of age or older, possess a valid drivers license, a good driving record (demonstrated thru a court ordered motor vehicle report) & pass a physical exam. Grade of C or better in STTRDE 0337 & obtain a CDL learner's permit.*

14 Laboratory hours. 7 Credit Hours.

**Offered At:** OH

**Short Term Trd/Indstrl/Trnsprt (STTRDE) 149**

**Commercial Driver/Refresher Training**

This course is designed for individuals with commercial driving experience, this course provides drivers with a review of the current rules, regulations and requirements to which all commercial drivers must adhere. Writing assignments, as appropriate to the discipline, are part of the course.

2 Lecture hours. 2 Credit Hours.

**Offered At:** OH

**Short Term Trd/Indstrl/Trnsprt (STTRDE) 337**

**Commercial Driver Training Theory**

This course is designed for individuals with little or no commercial driving experience, this course provides the theoretical foundation to become a commercial driver. Through this course, students will obtain their commercial driver's license learner's permit. Writing assignments, as appropriate to the discipline, are part of the course.

*Prospective students must be 21 years of age or older, possess a valid drivers license, a good driving record (demonstrated through a court ordered motor vehicle report) and pass a physical examination and drug/alcohol test.*

1 Laboratory hours. 6.5 Lecture hours. 7 Credit Hours.

**Offered At:** OH

**Short Term Trd/Indstrl/Trnsprt (STTRDE) 338**

**Passenger Driver Theory**

This course is designed for individuals with little or no commercial driving experience, this course provides the theoretical foundation to become a commercial driver. Through this course, students will obtain their commercial driver's license learner's permit. Writing assignments, as appropriate to the discipline, are part of the course.

*Prospective students must be 21 years of age or older, possess a valid drivers license, a good driving record (demonstrated through a court ordered motor vehicle report) and pass a Department of Transportation (DOT) physical examination.*

5 Lecture hours. 5 Credit Hours.

**Offered At:** OH