



The logo for NEWTEC consists of the word "NEWTEC" in a bold, red, sans-serif font.



PROGRAM ARTICULATION AGREEMENT

College Program: Greenhouse-Nursery

CIP: 01.0604

Career Pathway: Plant Systems

Career Cluster: Agriculture, Food & Natural Resources

The purpose of this agreement is to grant college credit to high school students who have achieved the level of knowledge and skill required for the college-equivalent entry-level course(s) identified in this agreement. Upon successful completion of the identified course competencies with a grade of 'B' (3.0) or higher and the high school teacher's endorsement that the competency requirements have been met, students will be qualified to receive college credit.

The following Spokane Community College course(s) have been approved for Tech Prep articulation with Medical Lake School District high school course(s) as listed below:

| High School / Course Title | College / Course Title | Credits |
|--|---|---------|
| Medical Lake HS Horticulture/Plant Science (CIP 011103) (1 year) | SCC AGHRT 103 Introduction to Greenhouse and Nursery Production | 3 |
| | AGHRT 105 Horticultural Retail Sales | 3 |
| Agricultural Communications (CIP 010802) | AGHRT 185 AgHort Occupational Preparation | 1 |

**see attached list(s) of competencies for articulated courses*

Student Articulation Procedure:

1. Be enrolled in the required high school class.
2. Register for Tech Prep/Dual Credit articulated course during the same academic year the high school class is completed. If a series of courses are involved in the articulation, students register for credit during the same academic year the last course in the series is completed.
3. Earn a grade of 'B' (3.0) or better in all courses required under the articulation agreement.
4. Complete all required skills as identified on the competency profile.
5. If an exam or review of completed work is required under the terms of this agreement, students must receive a passing score (determined by college or industry certification) to earn college credit (*see competency list for requirements*).
6. Within seven years of completing the articulated class, enroll at SCC or SFCC and submit the SERS Tech Prep Registration Confirmation to the Transcript Office. Articulation requirements will be reviewed and verified by the appropriate office or department. Credit will be awarded to qualifying students.

High School Instructors:

1. Ensure all students receive a copy of the course syllabus outlining information about Tech Prep, the college course competencies and the process required to earn college credit.
2. Hold students accountable for the same competency standard and course expectations as required by the college-equivalent course (*see competency list attached*).
3. If required for articulation, ensure students are prepared to take industry certification exams, complete a professional portfolio documenting their work, or take a final exam to measure their level of skill and competence in the coursework.
4. Submit final grades for all students registered to earn Tech Prep college credit no later than June of the current academic year.
5. Attend scheduled meetings, workshops or in-service activities that enhance the high school/college partnership & support implementation of the Tech Prep articulated program.

Articulation Review and Renewal:

The designated program facilitators, college administrators and/or instructors and high school faculty will meet regularly to revise or discuss the articulation agreement. Agreements must be reviewed/updated and re-signed by college faculty/deans and CTE directors/HS teachers on a schedule, not to exceed a three (3) year rotation, or as deemed necessary due to changes in HS/college course content or structure. Individual teacher verification forms must be signed and submitted annually. Minor revisions can be made via phone calls, correspondence or e-mail.

**PROGRAM ARTICULATION AGREEMENT
Greenhouse-Nursery**

**PARTICIPATING INSTITUTIONS
Medical Lake School District and Spokane Community College**

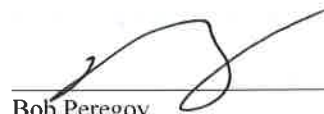
We the undersigned representatives of the Northeast Washington Technical Education Consortium (NEWTEC), agree to all provisions of the articulation program/course agreement, have reviewed the course competencies, and understand the process to which students may be granted college credit through the Tech Prep program. We commit staff time and resources to ensure successful program implementation.



Ann Everett,
Medical Lake HS CTE Director

5-24-17

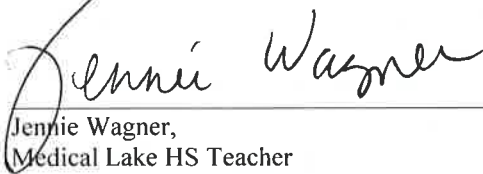
Date



Bob Peregoy,
SCC Faculty

5-8-17

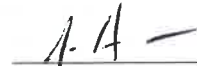
Date



Jennie Wagner,
Medical Lake HS Teacher

5-24-17

Date



Dr. JL Henriksen,
SCC Program Dean

5-15-17

Date



Kevin Brockbank,
Vice Provost for Strategic Partnerships

5/20/17

Date

Original: 03/01/11
Renewal: 2013-14
Renewal: 2016-17

Course Objectives/Course Outline
Spokane Community College

Course Title: Introduction to Greenhouse and Nursery Production

Prefix and Course Number: AGHRT 103

Course Learning Outcomes:

By the end of this course, a student should be able to:

- Describe the variable physical conditions found in greenhouse environments.
- Explain how the physical conditions found in a greenhouse environment relate to plant growth and development.
- Apply appropriate methods of care for plants in different interior environments.

Course Outline

- I Light
 - A Quality
 - B Intensity
 - C Duration
- II Temperature
 - A Average Daily Temperature
 - B DIF
- III Atmosphere
 - A Humidity
 - B Air Quality
- IV Water
 - A When to Water
 - B Methods of Watering
 - C Water Quality
- V Media
 - A Components
- VI Nutrition
 - A Macro and Micro Nutrients
 - B Fertilizers
- VII Propagation

Course Objectives/Course Outline
Spokane Community College

Course Title: Horticulture Retail Sales

Prefix and Course Number: AGHRT 105

Course Learning Outcomes:

By the end of this course, a student should be able to:

- operate a cash register
- calculate change due to customers
- receive orders over the phone and in person
- complete required business forms
- analyze and complete financial records
- design and implement successful marketing programs
- design store layout
- select and order merchandise
- maintain inventory

Course Outline:

I. Communication Skills

A. Written Skills

1. work orders
2. inventories and recordkeeping
3. taking orders

B. Oral Skills

1. phone
2. interpersonal

II. Retail Sales

A. Techniques

B. Etiquette

III. Marketing

A. Ad Campaign Design

B. Product Selection

C. Displays

D. Promotion

E. Public Relations

IV. Operations

A. Cash Registers

B. Paperwork

C. Financial Records

D. Purchasing and Pricing

E. Merchandise Control

F. Opening and Closing Sequences

**Course Objectives/Course Outline
Spokane Community College**

Course Title: AgHort Occupational Preparation

Prefix and Course Number: AGHRT 185

Course Learning Outcomes:

By the end of this course, a student should be able to:

- describe career opportunities in the field
- find and utilize needed departments and services around campus
- identify several service learning and community service projects for which they can volunteer

Course Outline:

1. Class Orientation and Project Discussion
2. Career Presentations
3. Library Research Assignment
4. Career Center Tour
5. Career Assignment
6. Service Learning and Community Service Projects
7. Review and Reflection on Student Service Projects