

## PROGRAM PLANNING GUIDE

### SUSTAINABLE PLANT PRODUCTION Certificate of Completion

**PROGRAM DESCRIPTION:** Basic background in plant propagation, production and marketing of native and nonnative horticultural crops to obtain entry-level employment in the industry or to start a business. Program focuses on sustainable practices that conserve and protect limited resources. Hands-on training in state-of-the art facilities, including a retractable roof greenhouse, is a major component of the certificate. A cooperative work experience/internship working in the industry is a key requirement of this certificate.

**PROGRAM OUTCOMES:**

- Students will be able to produce plants using minimal to no chemical pesticides/fertilizers.
- Students will be able to incorporate sustainable principles/practices into plant production and marketing, including soil health, water and energy use.

**PROGRAM INFORMATION/CONTACTS:**

**Admission:**

Students are accepted into the Horticulture Technology program every quarter. Applications for admission and financial aid are available in Building 25, Office of Enrollment Services, by calling (360) 754-7711 ext. 4625, or by visiting the college website.

**Length of program:**

The certificate can be completed in 3-4 quarters (41-44 credits) after basic skill requirements are met, if enrolled full-time (at least 3 classes per quarter). Students can also attend on a part-time basis.

**Continuation for an Associate in Technical Arts in Horticulture Technology:**

All courses taken for this certificate can be used towards an ATA degree in Horticulture.

**Cost:**

Tuition is subject to change by the State Legislature. Detailed tuition information is available in the quarterly class schedule. Tuition and fees do not include the cost of textbooks and supplies.

**Advisors:**

Dr. Brent Chapman, (360) 596-5219 and Diane Doss (360) 596-5594

**PROGRAM REQUIREMENTS:**

**Basic skills requirements:**

English, Reading, or Math may be required based on placement testing. Students are encouraged to complete basic skills requirements at the beginning of their education. Basic skills deficiencies must be completed prior to graduation. Students must complete or place above

ENGL 097  
READ 097  
MATH 090

**Core Requirements:**

Fall	Winter	Spring
HORT 100 - General Horticulture (5 credits)	HORT 133 - Soils and Plant Nutrition (5)	HORT 209 – Irrigation Fundamentals (5)
HORT 140 - Integrated Pest Management (5)	HORT 150 – Plant Propagation (5)	HORT 251 – Plant Production and Marketing II (5)
	HORT 244 – Plant Production and Marketing I (5)	

**Cooperative Work Experience/Internship: COOP 190 or 290 (4 credits total)**

An internship working for a business is required. Students can participate in one or several internships, for a total of 4 internship credits. Internships can be scheduled during fall, winter, spring and/or summer quarters. Assistance is available to find an internship.

**Electives:** (Choose 1 **total** from list below)

Fall	Winter	Spring
HORT 155 – Shrub and Tree Pruning (5)	HORT 169 – Horticulture Business Management (2)	HORT 220 - Native Plants in the Landscape (4)

**OFFICE OF CIVIL RIGHT COMPLIANCE STATEMENT:** South Puget Sound Community College's equal opportunity policy prohibits discrimination in our services and in employment against any person on the basis of race or ethnicity, creed, color, national origin, sex, marital status, sexual orientation, age, religion, Vietnam-era or disabled veteran status, or the presence of any sensory, physical or mental disability except in the case of a bona fide occupation qualification. South Puget Sound Community College is an equal opportunity/affirmative action employer and complies with the Americans with Disabilities Act (ADA).

**Effective:** Summer 2008

**Revised:** April 15, 2008