



# Environmental Horticulture Pathway

The Environmental Horticulture Pathway is a great program for students interested in the study, propagation, care and installation of plants. **Students who complete 2 credits in this pathway will meet state ELA and Math testing requirements, and...**

- Grow and maintain plants in a working greenhouse facility.
- Learn about the wide range of careers within the Agricultural industry.
- Earn college credits which can be applied directly into partner college programs.
- Meet 3<sup>rd</sup> Year Science requirements through their Pathway courses.

## This CTE Pathway is a great fit for students who...

- ✓ Enjoy working outdoors.
- ✓ Enjoy physical activity and hands on learning experiences.
- ✓ Have an interest in caring for and improving our physical environment.
- ✓ Are interested in careers such as landscaping, greenhouse growing, and work in retail and wholesale nurseries.

Start Your Pathway with 2 or more credits of Pathway courses

Then, After You Have Finished High School...

Finally, Begin Your Career!

### Sample Plan for Career and College Readiness in this Pathway

Grade 9	
English	
Math	
Science	
World History 9	Health
PE	Art
Elective	Elective
Grade 10	
English	
Math	
Social Studies	
Science	
PE	Art
Elective	Elective
Grade 11	
English	
Math	
US History	
Science	
Elective	Elective
Environmental Horticulture	
Grade 12	
English	
Sr. Social Studies	
Personal Finance	PE
Elective	Elective
Elective	Elective
Env. Horticulture, Advanced	

### Apply college credits earned in this Pathway directly into this partner college program:

#### Lake Washington Institute of Technology

- Environmental Horticulture certificate and degree programs

### Continue your training in another college program such as:

#### Edmonds College

- Landscape Design and Ornamental Horticulture

#### Washington State University

- Horticulture degree program
- Plant Sciences degree program
- Agriculture Education degree programs.

#### Central Washington University or Western Washington University

- Environmental Science degree programs.

### Jobs you can get with 2-Years Post-High School Training:

Groundskeeper  
Irrigation Specialist  
Landscaper  
Landscaping, Groundskeeping and Lawn Service Supervisor  
Tree Trimmer/Pruner  
Turf Manager

### Jobs you can get with 4 or more Years Post-High School Training:

Environmental Engineer  
Landscape Architect  
Soil and Plant Scientist

**For more information on these and other occupations related to this pathway, visit**

<http://careerbridge.wa.gov/>



Edmonds SD Career and Technical Education

## Pathway Courses and Descriptions

Pathway Courses	Grades	Length	Equivalencies	EWHS	MHS	LHS	MTHS	SLHS
Environmental Horticulture*	9-12	1 credit, Full Year	1 credit Science			✓		
Env. Horticulture, Adv.*	10-12	1 credit, Full Year	1 credit Science			✓		



Course is available at this school

\* College Credit Available

### ENVIRONMENTAL HORTICULTURE

VOC433/434 (Year)

Grades 9-12

Equivalency: .25 credit Art or 1.0 credit Science

Learn horticulture fundamentals including growing plants, greenhouse environment, pest control, landscape design, pruning, and grounds maintenance as well as basic business skills for greenhouse operation. Each student will be able to grow plants in the greenhouse for personal use and sale. **Students can earn college credit through this course.**

### ENVIRONMENTAL HORTICULTURE, ADVANCED

VOC461/462 (Year)

Grades 10-12

Equivalency: .25 credit Art or 1.0 credit Science

Prerequisite: Environmental Horticulture

Explore horticulture as a possible career choice: growing plants from seeds and cuttings, plant identification, greenhouse management and care, landscape design, installation and maintenance, sales techniques and careers as well as vegetable and/or flower gardening. Students participate in leadership programs through FFA. **Students can earn college credit through this course.**

