

WLD 114	Advanced Arc Welding	1
WLD 125	Arc Welding Stainless Steel	1
WLD 170	Qualification Welding	4

Concentration Group 2: Gas Tungsten Arc

WLD 132	Inert Gas Welding Ferrous	4
WLD 133	Inert Gas Welding Ferrous Tubing	1
WLD 152	Tungsten Arc Welding	4
WLD 153	Tungsten Arc Welding Stainless Steel Tubing	1
WLD 135	Inert Gas Welding of Aluminum	4
WLD 137	Inert Gas Welding Aluminum Tubing	1

Concentration Group 3: Gas Metal Arc and Flux Cored Arc

WLD 118	Gas Metal Arc Welding Ferrous I	4
WLD 119	Gas Metal Arc Welding Ferrous II	1
WLD 120	Flux Cored Arc Welding I	4
WLD 121	Flux Cored Arc Welding II	1
WLD 122	Gas Metal Arc Welding Nonferrous I	4
WLD 123	Gas Metal Arc Welding Nonferrous II	1

Secondary Path

EGT 109	Introduction to Engineering Design Graphics	3
EGT 114	Welding Print Basics	2
EGT 117	Welding Print Principles	2
EGT 151	Introduction to CAD	3
EGT 152	Fundamentals of CAD	3

Additional Requirements

WLD 110	Welding Safety and Health	1
WLD 141	Weld Quality	2
WLD 201	Welding Metallurgy	2
WLD 240	Robotic Welding and Manufacturing	4

Welding Career Path

Credit Requirements: 70 Semester Credit Hours

Evening

Recommended Sequence of Courses

First Semester – Fall

EGT 114	Welding Print Basics	2
WLD 110	Welding Safety and Health	1
*WLD 132	Inert Gas Welding Ferrous	4
*WLD 133	Inert Gas Welding Ferrous Tubing	1
WLD 201	Welding Metallurgy	2

Total 10

Second Semester – Spring

EGT 117	Welding Print Principles	2
WLD 141	Weld Quality	2
*WLD 152	Tungsten Arc Welding	4
*WLD 153	Tungsten Arc Welding Stainless Steel Tubing	1

Total 9

Third Semester – Summer

*WLD 135	Inert Gas Welding of Aluminum	4
*WLD 137	Inert Gas Welding Aluminum Tubing	1

Total 5

Fourth Semester – Fall

EGR 110	Introduction to Computer Environment	3
*WLD 118	Gas Metal Arc Welding Ferrous I	4
*WLD 119	Gas Metal Arc Welding Ferrous II	1

Total 8

Fifth Semester – Spring

*WLD 120	Flux Cored Arc Welding I	4
*WLD 121	Flux Cored Arc Welding II	1
WLD 240	Robotic Welding and Manufacturing	4

Total 9

Sixth Semester – Summer

*WLD 122	Gas Metal Arc Welding Nonferrous I	4
*WLD 123	Gas Metal Arc Welding Nonferrous II	1

Total 5

Seventh Semester – Fall

EGT 109	Introduction to Engineering Design Graphics	3
ENG 101	English Composition I	3
PSY 201	General Psychology	3

Total 9

Eighth Semester – Spring

EGT 151	Introduction to CAD	3
ELE MAT	Select one course from Mathematics Electives on page B-3	3
ELE HUM	Select one course from Humanities Electives on page B-3	3

Total 9

Ninth Semester – Summer

EGT 152	Fundamentals of CAD	3
SPC 209	Interpersonal Communication	3

Total 6

**Other Welding courses may be substituted as shown in the Primary Path above. Courses shown with * are the Gas Metal Arc and Flux Cored Arc and the Gas Tungsten Arc concentration.*

Horticulture Technology

Associate in Applied Science

Credit Requirements: 68-69 Semester Credit Hours

The Horticulture Technology program prepares students for positions in landscape design and construction, turf supervision, horticultural sales, nursery plant production and landscape maintenance. Students in horticulture must see an advisor for specific scheduling needs. Classes are taught in the Horticulture Technology building, the greenhouse and horticulture gardens. Some courses will transfer to Clemson University's horticulture program. See your advisor for more information.

For entry into this program the student must be a high school graduate or possess a GED and take the College's placement test or meet the College's SAT or ACT requirements.

Recommended Sequence of Courses

First Semester – Fall

HRT 106	Ornamentals	2
HRT 110	Plant Form and Function	4
HRT 144	Plant Pests	3
ELE HRT	Select one course from Horticulture Electives	2-3
ELE	Select one course from the	
MAT/SCI	Mathematics/Natural Sciences Electives	3-4

Total 14-16

Second Semester – Spring

HRT 102	Landscape Design	4
HRT 107	Woody Ornamentals	2
HRT 125	Soils	4
HRT 240	Pesticides	4

Total 14

Third Semester – Summer

HRT 108	Annuals and Perennials	2
HRT 139	Plant Propagation	3
ENG 101	English Composition I	3

Total 8

Fourth Semester – Fall

CPT 101	Introduction to Computers	3
HRT 153	Landscape Construction	3
HRT 171	Landscape Business Techniques	3
HRT 241	Turf Management	3

Total 12

Fifth Semester – Spring

HRT 130	Greenhouse Production	3
ELE Oral	Select one course from Oral Communications Electives	3
ELE SSC	Select one course from Behavioral Social Sciences Electives on page B-3	3
SPA 155	Technical Spanish I	3

Total 12

Sixth Semester – Summer

HRT 121	Commercial Irrigation	3
HRT 254	Landscape Maintenance	2
ELE HUM	Select one course from the Humanities Electives on page B-3	3

Total 8

Horticulture Electives

HRT 101	Introduction to Horticulture	3
HRT 111	Foliage Plants	2
HRT 212	Commercial Landscape Design	3

Horticulture elective may be taken in Fall or Summer semester only. HRT 101 and HRT 111 are taught only Fall Semester. HRT 212 is taught only Summer Semester.

Oral Communication Electives

ENG 260	Advanced Technical Communications	3
HSS 201	Issues in Humanities	3
SPC 205	Public Speaking	3
SPC 209	Interpersonal Communication	3
THE 101	Introduction to Theater	3

Cosmetology

Diploma in Applied Science

Credit Requirements: 48 Semester Credit Hours

Day

The Cosmetology program prepares students for entry into the cosmetology career field by providing instruction in basic skills and theory.

Admission into this program requires qualifying scores on SAT, ACT or the TTC placement test. High school graduation is not required if you are at least 18 years old and can provide proof of 10th grade completion. (No correspondence schools.)