

D.Dow_2024-2025 CTE Year-At-A-Glance

CTE Course: Advanced Floral Design

Program of Study: Plant Science

First Semester		Second Semester	
1 st 9 weeks August 13, 2024-October 10, 2024		3 rd 9 Weeks January 8, 2025-March 14, 2025	
1 Scientific Classification & Nomenclature of Plants 3.A.i; 3.A.ii; 4.B.i; 4.B.ii 9 days 2 Techniques in Plant ID 3.A.ii 4 days 3 Horticulture Plant ID: Floral 3.A.ii 3 days 4 Horticulture Plant ID: Foliage 3.A.ii 2 days 5 Introduction to Greenhouse Management 3.B.i 5 days 6 Container Grown Plants 3.B.i 4 days 7 Growing Media for Landscape Plants 3.B.i 4 days 8 Planting Trees & Shrubs 3.B.i 4 days 9 Potted Plant Production 3.B.i 4 days 10 Plant Propagation I 3.C.i; 3.C.ii; 4.C.i; 4.D.i 2 days 12 Floral Design Basics: Principles & Elements 3.D.i; 3.D.ii 7 days 13 Floral Design Basics: Techniques 3.D.i; 3.D.ii 8 days -allow days for arrangements and activities		27 Foliage Plant Production 4.C.ii; 6.B.i 4 days 28 Plant Pests: Bacterial Diseases 5.A.ii 7 days 29 Plant Pests: Chewing Insects 5.A.i 7 days 30 Plant Pests: Fungal Diseases 5.A.ii 7 days 31 Plant Pests: Sucking Insects 5.A.i 6 days 32 Plant Pests: Vertebrates 5.A.i 1 day 33 Plant Pests: Weeds 5.A.i 9 days 34 Plant Pests: Viruses 5.A.ii 1 day 35 Diseases Of Landscape Plants 5.A.ii 3days 36 Pesticides & Herbicides: An Introduction 5.B.i; 5.B.ii; 5.B.iii; 5.B.iv; 5.C.i 5 days 37 Pesticide Safety: Minimal Risk To The Applicator 5.B.i; 5.B.ii; 5.B.iii; 5.B.iv; 5.C.i 3 days 38 Pesticide Safety in the Landscape 5.B.i; 5.B.ii; 5.B.iii; 5.B.iv 5 days 39 Floral Design Tools 6.A.i; 6.B.i 5 days -allow days for arrangements and activities	
Certification Timeline 1 st 9 weeks Title of Certification: TSFA Level 1 Certification Date Due: Students should be approximately half way thru certification materials		Certification Timeline 3 rd 9 Weeks Title of Certification: Click or tap here to enter text. Date Due: Click or tap to enter a date.	
2 nd 9 Weeks October 15, 2024-December 20, 2024		4 th 9 Weeks March 25, 2025-May 22, 2025	
14 Wedding Arrangements 3.D.i; 3.D.ii 6 days 15 Special Arrangements 3.D.i; 3.D.ii 8 days 16 Bereavement Arrangements 3.D.i; 3.D.ii 5 days 17 Landscape Design: Introduction 3.E.i; 3.E.ii 5 days 18 Landscape Design: Design Process 3.E.i; 3.E.ii 2 days 19 Fruit & Nut Production 3.F.i; 3.F.ii 7 days 20 Vegetable Production 3.F.iii 7 days 21 Advanced Pruning 3.G.i 4 days 22 Anatomy of Plants 4.A.i; 4.A.ii; 4.A.iii; 4.A.iv; 4.A.v; 4.B.i; 4.B.ii 5 days 23 Plant Structures & Functions 4.A.i; 4.A.ii; 4.A.iii; 4.A.iv; 4.A.v; 4.B.i; 4.B.ii 5 days 24 Plant Genetics 4.A.i; 4.A.ii; 4.D.i 8 days 25 Fundamental Plant Processes 4.C.i 7 days 26 Bedding Plant Production 4.C.ii 5 days -allow days for arrangements and activities		40 Landscape Tools: Use & Safety 6.A.i; 6.A.ii; 6.A.iii; 6.A.iv; 6.A.v; 6.A.vi; 6.C.i; 6.C.ii 4 days 41 Power Blower 6.A.iii; 6.A.iv; 6.A.v; 6.A.vi; 6.C.i; 6.C.ii 1 42 Power Shears 6.A.iii; 6.A.iv; 6.A.v; 6.A.vi; 6.C.i; 6.C.ii 1 43 Rotary Edger/Trimmer 6.A.iv; 6.A.v; 6.A.vi; 6.C.i; 6.C.ii 1 day 44 String Trimmer 6.A.iii; 6.C.i; 6.C.ii 1 day 45 Pruning Informal & Formal Hedges 6.A.i; 6.B.ii 3 days 46 Pruning Roses 6.A.i; 6.B.i 3 days 47 Budding & Grafting 6.B.i 5 days 48 Business Ownership & Registration 6.D.i; 6.D.ii 4 days 49 Career Opportunities: Floral Industry 6.D.i; 6.D.ii 7 days 50 Competition & Free Enterprise 6.E.i 5 51 The World of Agriculture 1.B.i; 1.B.ii 12 days	

4B: Evaluate and prepare geometric floral designs using cut flowers. 4C: Evaluate and prepare geometric floral designs using silk flowers.	51 Plant Systems 1.A.i; 1.A.ii; 1.B.i; 1.B.ii; 1.B.iii; 1.B.iv 2 days 52 Formulas for Career Success: Career Testing & Investigation 1.A.i; 1.A.ii 8 55 Internships 101: The Importance of Internships 1.A.i; 1.A.ii 2 days 53 Employability Skills 1.B.iii; 1.B.iv; 1.D.i; 1.D.ii 5 57 Workplace Issues 1.C.i; 1.C.ii 4 days 54 Citizenship Basics 1.E.i; 1.E.ii; 1.E.iii 9 days -allow days for arrangements and activities
Certification Timeline 2nd 9 Weeks Title of Certification: TSFA Level 1 Certification Date Due: 12/20/2024	Certification Timeline 4th 9 Weeks Title of Certification: Click or tap here to enter text. Date Due: Click or tap to enter a date.