

EPC.

EXPERIMENTAL
PERFUME CLUB

FUNDAMENTALS OF
PERFUME CREATION COURSE

Workbook





FUNDAMENTALS OF PERFUME CREATION



- 1** **WEEK ONE - SMELL**
Awaken your sense of smell and learn how to smell and describe perfumery ingredients.
- 2** **WEEK TWO - ORGANIZE**
Learn how to organize and classify ingredients by family, volatility and type.
- 3** **WEEK THREE - SET-UP**
Learn how to set up a perfume lab and the fundamentals of basic perfumery practice.
- 4** **WEEK FOUR - CREATE**
Learn the art and logic of perfumery through structuring a formula and creating a brief.
- 5** **WEEK FIVE - ACCORDS**
Learn to use accords and bases in your formula and make your own creative accords.
- 6** **WEEK SIX - BLEND**
Learn to create a fine fragrance formula from your brief and adapt your formula to other applications.



ABOUT THIS COURSE



I'm Emmanuelle Moeglin, perfumer and founder of Experimental Perfume Club and I'll be your host during the next 6 weeks, sharing with you the foundations of perfume creation.

Each week, you'll be getting a series of videos that will help you to understand the fundamentals of perfume creation and gain the knowledge to start blending at home. From the ingredients to the formula, you'll be taken on a step-by-step learning journey that will give you the necessary knowledge to get started in perfume creation - whether it is for a hobby or professional purpose.

You will receive all the materials you need to follow this course including a selection of the most common perfumery ingredients and laboratory equipment such as a pipettes, a scale, empty bottles, and solvent.

Perfumery requires a long training and dedication and you will need time to understand these foundations. Do not rush your learning and remember that knowing your ingredients is the foundation of any good practise! Be aware of the scents that surround you and get into the habit of describing what you are smelling every day.

Don't forget to have fun! Perfumery is one of the most wonderful crafts you can learn. It is fun, creative and will challenge your brain. We hope this course will help you to unlock your scented journey!



WHAT YOU GET IN THIS COURSE



WORKBOOK:

Print this workbook and follow along with the video courses each week. You will get the most out of this course if you complete the homework and challenges outlined each week. Make sure to keep notes and utilize this workbook to expand your learning.

VIDEOS:

Each week has a series of videos designed to enhance your knowledge in perfumery. These videos include fundamentals courses, demos, and olfactive explorations. Each week during the course you will have access to a new set of videos. Watch each video in order and follow along in this workbook. Go back to the videos any time to refresh your learning.

DOWNLOADABLE:

Some videos include downloadable files which you can download and print and home.

INGREDIENTS AND EQUIPMENT:

With this course you will receive a kit including perfumery ingredients diluted in alcohol as well the necessary laboratory equipment needed to start your perfume lab at home including scent strips, pipettes, bottles and a mini scale, perfect for beginning your journey into perfumery.

YOUR INSTRUCTORS



Emmanuelle is the founder of Experimental Perfume Club and is a classically trained nose with over 15 years of experience working in the fragrance industry. After finishing her studies at ISIPCA, she worked for esteemed global fragrance brands around the world before opening EPC and creating her own fragrance line as well as the EPC Academy.



Tom has been passionate about fragrance as long as he can remember. As a classically trained perfumer and former student of the Grasse Institute of Perfumery, he brings his love for perfumery to the EPC. After spending seven years as an entrepreneur in the candle industry, Tom is now based in Canada where he runs his own perfume business.



WEEK ONE SMELL



"Ingredients are the start of everything! Know your ingredients before blending them. This week, we'll spend time studying them. Smell them and describe them as often as possible, so much so that their smell will be imprinted in your memory forever."

WEEK ONE OUTLINE

This week you will learn how to smell and describe the scents of the world around you. We are so easily able to describe what we taste, see, touch and feel, so why can't we do the same with scent? You will uncover fifteen of the most commonly used perfumery materials in your first ingredient box and highlight the main descriptors for each one to help you memorize them.

TIPS FOR SMELLING

- 1 If you feel your nose is fatigued, don't smell coffee beans, smell your own skin
- 2 In the learning phase, it is advised to smell ingredients diluted in alcohol to prevent becoming overwhelmed
- 3 Smell ingredients from a scent strip instead of directly from the bottle
- 4 Smell the ingredients without looking at what they are to eliminate preconceived perceptions
- 5 In order to smell ingredients comparatively, hold your scent strips side by side in a fan shape
- 6 Get into the habit of describing an ingredient as you smell to help you remember them



OLFACTORY SESSION



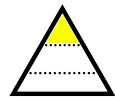
Ingredients Box 1



Follow along with the Olfactory Exploration video and let's smell the first box of ingredients together. In this box you will find 15 of the most commonly used perfumery ingredients including natural ingredients and molecules. Remember to smell the ingredients without looking at what they are. This will help you to eliminate any preconceived notions of what you are smelling! Also remember to write the number or name of the ingredient on the scent strip so you can remember what you have smelled and can smell them over time!

Lemon Essential Oil

EX:

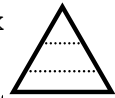


FIRST IMPRESSION: Zesty, Sparkling, Sharp

OLFACTORY NOTE: Citrus

COMMENTS: Limonene is the main constituent which is the reason why the smell of lemon is not very complex

1

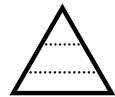


FIRST IMPRESSION:

OLFACTORY NOTE:

COMMENTS:

2



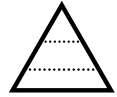
FIRST IMPRESSION:

OLFACTORY NOTE:

COMMENTS:



3

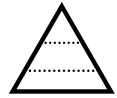


FIRST IMPRESSION:

OLFACTORY NOTE:

COMMENTS:

4

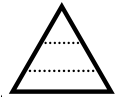


FIRST IMPRESSION:

OLFACTORY NOTE:

COMMENTS:

5



FIRST IMPRESSION:

OLFACTORY NOTE:

COMMENTS:

6



FIRST IMPRESSION:

OLFACTORY NOTE:

COMMENTS:

7



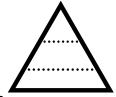
FIRST IMPRESSION:

OLFACTORY NOTE:

COMMENTS:



8

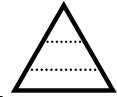


FIRST IMPRESSION:

OLFACTORY NOTE:

COMMENTS:

9

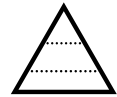


FIRST IMPRESSION:

OLFACTORY NOTE:

COMMENTS:

10

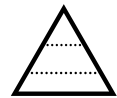


FIRST IMPRESSION:

OLFACTORY NOTE:

COMMENTS:

11



FIRST IMPRESSION:

OLFACTORY NOTE:

COMMENTS:

12



FIRST IMPRESSION:

OLFACTORY NOTE:

COMMENTS:



OLFACTORY SESSION



Ingredients Box 2



Follow along with the Olfactory Exploration video and let's smell the second box of ingredients together. In this box you will find another 15 essential raw materials for any perfumer. Just like last time, remember to describe what you are smelling before you look at what the ingredient is! You should start to notice some commonalities with the first box in regards to olfactive families. Take note of this and think of the similarities and contrasts between them.

16

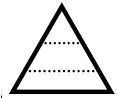


FIRST IMPRESSION:

OLFACTORY NOTE:

COMMENTS:

17



FIRST IMPRESSION:

OLFACTORY NOTE:

COMMENTS:

18



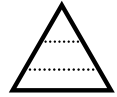
FIRST IMPRESSION:

OLFACTORY NOTE:

COMMENTS:



19

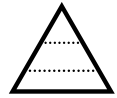


FIRST IMPRESSION:

OLFACTORY NOTE:

COMMENTS:

20



FIRST IMPRESSION:

OLFACTORY NOTE:

COMMENTS:

21



FIRST IMPRESSION:

OLFACTORY NOTE:

COMMENTS:

22



FIRST IMPRESSION:

OLFACTORY NOTE:

COMMENTS:

23



FIRST IMPRESSION:

OLFACTORY NOTE:

COMMENTS:



24 

FIRST IMPRESSION:

OLFACTORY NOTE:

COMMENTS:

25 

FIRST IMPRESSION:

OLFACTORY NOTE:

COMMENTS:

26 

FIRST IMPRESSION:

OLFACTORY NOTE:

COMMENTS:

27 

FIRST IMPRESSION:

OLFACTORY NOTE:

COMMENTS:

28 

FIRST IMPRESSION:

OLFACTORY NOTE:

COMMENTS:



EXERCISE



- 1 Train your nose to describe and recognize all ingredients in box 2. Remember to continue training your nose and smell daily the ingredients of box 1. Description is key to the learning path!
- 2 Smell all of the top notes together, all the mid together and all of the base together and compare their similarities and contrasts. Describe your findings here:

TOP NOTES:

MID NOTES:

BASE NOTES:



- 3 Smell all the ingredients falling within the same olfactive family to compare them and use the chart below to list your ingredients by family.

FAMILY	INGREDIENTS
Citrus	
Green	
Fruity	
Floral	
Aromatic	
Spicy	
Aqueous	
Ambery	
Edible	
Woody	
Mossy/Chypre	
Leathery	
Musky	

NOTES:

TEST YOUR NOSE:

Ask a friend to blind test you with a random selection of 10 ingredients out of box 1 and 2. If you can name 8 out of 10 of the ingredients you are smelling, you are ready for week 3!



WEEK THREE SET - UP



"Now it is time to set up your own mini laboratory at home. No need to get expensive professional material when you start. A simple but precise scale with basic laboratory materials such as pipettes and a couple of glass recipients will do!"

WEEK THREE OUTLINE

This week you will learn how to set up and organize your own perfume lab at home using the materials provided in this course. You will also learn the basic safety precautions needed when handling perfume ingredients. From there you will learn how and why we use dilutions, which is one of the most important practical techniques for any perfumer.

LAB TIPS



- 1 Keep your ingredients away from light and heat preferably in amber bottles. If you can keep them in a cool place with little temperature variation, it is preferable.
- 2 Essential oils are the most fragile so make sure you do not leave them in plain sunlight.
- 3 In the learning phase, and if you have pure ingredients at home, make sure you dilute them to avoid wasting expensive material.
- 4 Ingredients will be at their freshest the first six months to one year.
- 5 Dilutions under 1% can be tricky to measure due to very small quantities you'll need to measure. Create a dilution at 0.1% from an ingredient already diluted (ie: 10% or 1%)



EXERCISE



- 1 Create a brief for your fragrance. (write, draw, describe your future fragrance here)



- 2 Translate your brief into a simple formula using a total of 8-10 ingredients across top, mid and base, and determine the balance of your pyramid.

FORMULA SHEET

FRAGRANCE NAME:

INGREDIENTS	TOP	MID	BASE

WATCH "HOW TO STRUCTURE YOUR FORMULA" VIDEO
IF YOU WANT TO BLEND YOUR FORMULA

NOTES:



OLFACTORY SESSION



Ingredients Box 3



Follow along with the Olfactive Exploration video and let's smell the third box of ingredients together. In this box you will discover the essential ingredients to formulate a rose accord as well as some other unique materials. The materials you will smell in this box are more similar in olfactive profile than in the other boxes, so focus hard on their nuances and deeper character. When you open your nose to these facets, you will be surprised what you can smell!

31

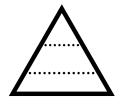


FIRST IMPRESSION:

OLFACTORY NOTE:

COMMENTS:

32



FIRST IMPRESSION:

OLFACTORY NOTE:

COMMENTS:

33



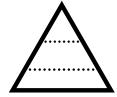
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OLFACTORY NOTE:

COMMENTS:



34

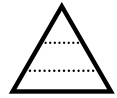


FIRST IMPRESSION:

OLFACTORY NOTE:

COMMENTS:

35



FIRST IMPRESSION:

OLFACTORY NOTE:

COMMENTS:

36



FIRST IMPRESSION:

OLFACTORY NOTE:

COMMENTS:

37



FIRST IMPRESSION:

OLFACTORY NOTE:

COMMENTS:

38



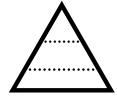
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OLFACTORY NOTE:

COMMENTS:



39

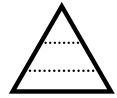


FIRST IMPRESSION:

OLFACTORY NOTE:

COMMENTS:

40



FIRST IMPRESSION:

OLFACTORY NOTE:

COMMENTS:

41



FIRST IMPRESSION:

OLFACTORY NOTE:

COMMENTS:

42



FIRST IMPRESSION:

OLFACTORY NOTE:

COMMENTS:

NOTES :



CREATIVE CHALLENGE:

Create your own creative accords using ingredients from boxes 1-3. Be as creative as you want and use your imagination - you can create an accord based on any smell or idea! Use anything between 3 and 8 ingredients to make your creative accord.

WATCH "FORMULATE YOUR OWN ACCORD" VIDEO FOR INSPIRATION

ACCORD NAME:

INGREDIENTS	TRIAL 1	TRIAL 2	TRIAL 3

ACCORD NAME:

INGREDIENTS	TRIAL 1	TRIAL 2	TRIAL 3

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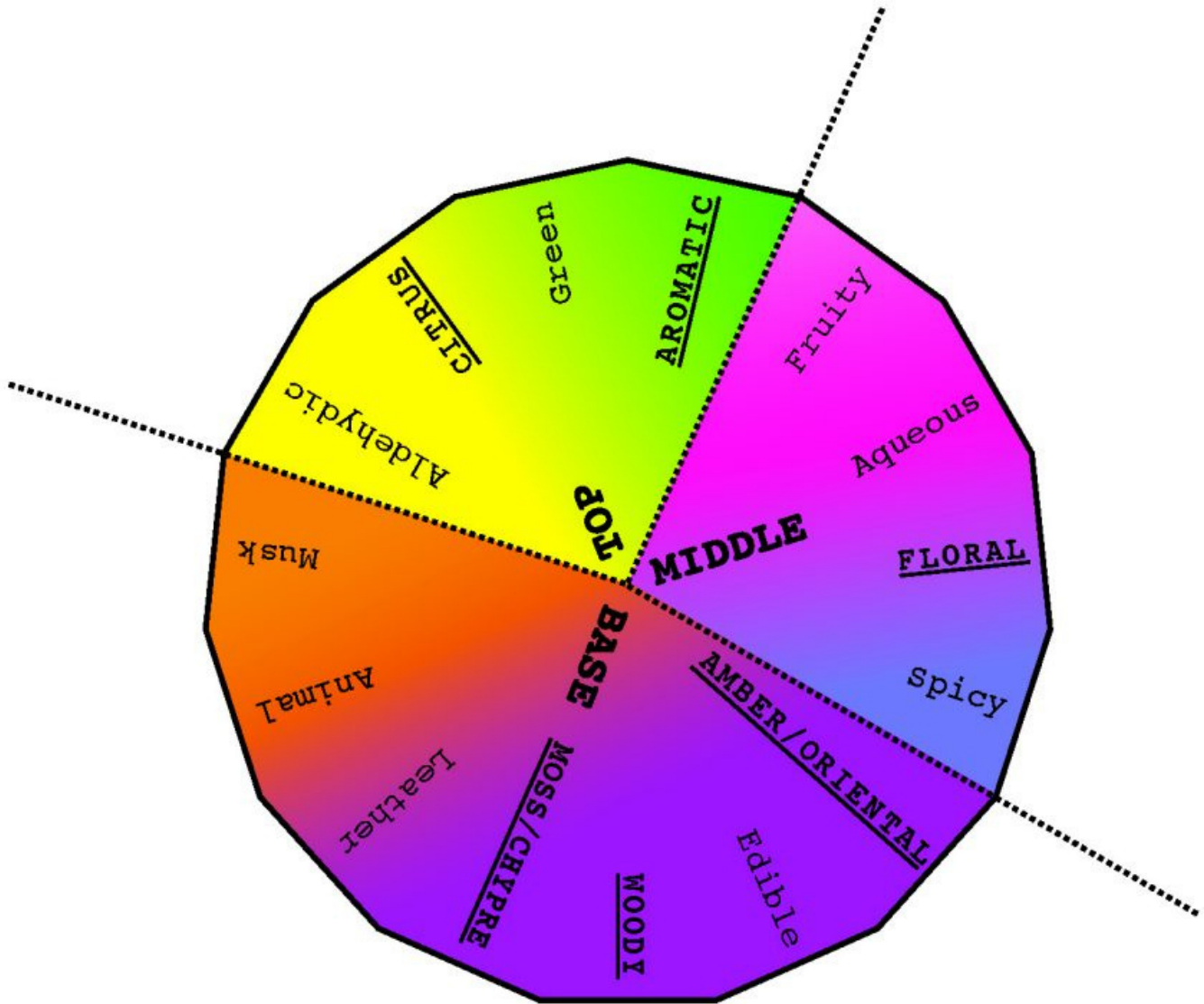
FUNDAMENTALS OF
PERFUME CREATION COURSE

Appendix





FRAGRANCE WHEEL





INGREDIENTS BOX 1



INGREDIENT	FAMILY	VOLATILITY	DESCRIPTION
1. Bergamot Oil	Citrus	Top	Citrusy, zesty, earl grey facet
2. Orange Oil	Citrus	Top	Citrusy, sweet, juicy
3. Jasmine Absolute	Floral	Mid	Floral - white flower, fruity - banana, indolic
4. Geranium Oil	Floral	Mid	Floral-rosy, minty, fruity - lychee, metallic
5. Lavandin Oil	Aromatic	Mid	Aromatic, camphorous, floral - linalool-like
6. Cedarwood Oil	Woody	Base	Woody, dry, pencil-like
7. Patchouli Oil	Mossy	Base	Woody, humid earthy, camphorous, fruity undertone
8. Cis-3-hexenol	Green	Top	Green, freshly cut grass, chemical solvent facet
9. Aldehyde C14	Fruity	Mid	Fruit - peach-like, lactonic, waxy
10. Calone	Aqueous	Mid	Aqueous, fresh, aldehydic
11. Hedione	Floral	Mid	Floral - jasmine, transparent, citrusy
12. Ionone Alpha	Floral	Mid	Floral - violet, powdery, fruity - raspberry
13. Coumarin	Edible	Base	Almond-like, sweet, powdery, tobacco facet
14. Vanillin	Edible	Base	Vanilla-like, sweet, powdery
15. Iso E Super	Woody	Base	Woody - Cedarwood-like, warm, ambery, clean and transparent



INGREDIENTS BOX 2



INGREDIENT	FAMILY	VOLATILITY	DESCRIPTION
16. Lemon Oil	Citrus	Top	Zesty, sparkling, sharp
17. Petitgrain Oil	Citrus / Green	Top	Citrusy, neroli-like, earthy, herbaceous
18. Stemone	Green	Top	Fig leaf, earthy, leathery
19. Pink Peppercorn Oil	Spicy	Top	Peppery, fresh, lemony
20. Dihydromyrcenol	Aromatic	Mid	Lavender-like, fresh, floral, citrusy
21. Neroli Oil	Floral	Mid	Fresh white flower, citrusy, herbaceous
22. Florol	Floral	Mid	Delicate, petally, peony
23. Ylang Ylang Oil	Floral	Mid	Heady white flower, fruity - banana, exotic
24. Rose Absolute	Floral	Mid	Floral - rosy, fruity, honey, spicy
25. Vetiver Oil	Woody	Base	Nutty, smoky, earthy
26. Labdanum Absolute	Ambery	Base	Ambery, warm, woody, resinous, leathery
27. Aldehyde C18	Fruity	Mid / Base	Fruity - coconut, milky, exotic
28. Polysantol	Woody	Base	Sandalwood, milky, ambery
29. Maltol	Edible	Base	Sugary, cotton candy, red fruits
30. Galaxolide	Musky	Base	Powdery, fresh pear/apple, clean, soft



INGREDIENTS BOX 3

INGREDIENT	FAMILY	VOLATILITY	DESCRIPTION
31. Citronellol	Floral	Mid	Floral - rosy, fruity - lychee, citrusy
32. Geraniol	Floral	Mid	Floral - rosy, green - leafy, metallic
33. PEA	Floral	Mid	Floral - rosy, petally, honey-like
34. Aldehyde C9	Aldehydic	Top	Aldehydic, sharp, citrusy
35. Rose Oxide	Floral	Top	Floral - rosy, leafy, metallic
36. Damascone beta	Floral	Mid	Floral - rosy, woody, humid earthy
37. Eugenol	Spicy	Mid	Spicy - clove-like, warm, floral - carnation
38. Cis-3-hexenyl acetate	Green	Top	Green, freshly cut grass, fruity - apple/pear
39. Cassis Base	Green	Top	Green, fruity - blackcurrent, floral - rosy
40. Cashmeran	Woody	Base	Woody - pine-like, ambery, humid earthy, patchouli-like, musky, fruity - red fruits
41. Suederal	Leathery	Base	Leathery - suede-like, smoky, tobacco facet
42. Ambroxan	Ambery	Base	Ambery, warm, powdery, tobacco facet



RECOMMENDED READING



THE VOCABULARY OF SCENT

<https://experimentalperfumeclub.com/fluent-smell-experimental-perfume-club-teaches-speak-scents/>)

THE FRAGRANCE PYRAMID

<https://experimentalperfumeclub.com/what-are-top-middle-and-base-notes-in-perfume/>

FRAGRANCE FAMILIES

<https://experimentalperfumeclub.com/fragrance-families/>

CONSISTENCY OF INGREDIENTS

<https://experimentalperfumeclub.com/how-to-extract-perfume-oil/>

DISCOVER PERFUMERY INGREDIENTS

<https://perfumesociety.org/discover-perfume/an-introduction/ingredients/>

Thank you noses!

See you in Chapter 2.

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