

## School of Hospitality and Culinary Art The Neotia University

| Course Name | Foundation Course in Bakery \& Confectionery 2 |
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| Course Code | CC-CAP204 |
| Course Duration | 15 weeks |
| Semester | 2nd |
| Core/Elective | Core - Culinary Art (Bakery \& Confectionery) |
| Credit Points <br> Weekly Delivery/ Contact | 2 |
| Hours | 04 Hours per week |
| Resource Requirements | Equipment and Utensils such as Working Table, Refrigerator, Baking oven, Dough Mixer etc. |
| Class conducted at Building | School of Hospitality and Culinary Art |
| Prepared by | Mr. Subrata Routh |

## Course Description

This course will help our students in gaining various skills required to work in Bakery \& Confectionery. Students will learn the basics of bakery \& confectionery techniques which are actually followed in 5* hotel.
Course Outcomes (COs)/ Learning Outcomes (LOs)

## Parameters required from the students:

## Prescribed and Recommended Readings:

## Required Textbook(s)

Bakery \& Confectionery: Author Parvinder Singh Bali published by Oxford University
Professional Baking Book: Author Wayne Gisslen, Published by John Wiley \& Sons,
ON COOKING written by Sarah R. Labensky Published by Pearson Education

## Recommended Readings

Bakery \& Confectionery: Author Parvinder Singh Bali published by Oxford University

## Other Learning Resources for use:

Informative YouTube Videos, www.slideshare.net, www.hmhub.in, Various links provided by the book publishers etc.

| Foundation Course Bakery \& Confectionery 2 Lab |  |  |
| :---: | :---: | :---: |
| SL NO | TOPIC | HOURS |
| 1 | Menu-1 <br> Basic sponge (Genoise sponge, Chococlate sponge, Eggless sponge) | 4 |
| 2 | MENU-2 <br> Swiss Roll, Fruit Cake, Carrot cake | 4 |
| 3 | MENU-3 <br> Speciality Cakes (Black Forest Cake, Christmas Cake) | 4 |
| 4 | MENU-4 <br> Icings \& Frostings <br> Swiss Meringue, Italian Meringue (Hard Meringue), Buttercream, Royal Icing | 4 |
| 5 | MENU-5 <br> Cake decoration techniques for various cakes | 4 |
| 6 | MENU-6 <br> Biscuits and Cookies 1 <br> Melting Moments, Choco chips cookies, Salted Biscuits | 4 |
| 7 | MENU-7 <br> Biscuits and Cookies 2 <br> Macroons, Naan Khatai, Butter Cookies | 4 |
| 8 | MENU-8 <br> Chocolate/coffee mousse Strwberry Mousse | 4 |
| 9 | MENU-9 <br> CUSTARD <br> Caramel custard | 4 |
| 10 | MENU-10 <br> Crème anglaise, or vanilla custard sauce Pastry cream (CRÈME PÂTISSIÈRE) | 4 |
| 11 | MENU-11 Strawberry Souffle Lemon/pineapple souffle | 4 |
| 12 | MENU-12 <br> Blanc mange | 4 |


|  | Panna Cotta |  |
| :---: | :---: | :---: |
| 13 | MENU-13 <br> Crepes <br> Fritters | 4 |
| 14 | Practice | 4 |
| 15 | Practice | 4 |
|  | TOTAL | 60 |


| PRACTICAL MANUAL |  |  |  |  |  |  |  |
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| B.Sc Culinary Art |  |  |  |  |  |  |  |
| SUBJECT: | Foundation Course in Bakery \& Cd |  | MENU NO: |  | 4 | Teacher: |  |
| TOPIC: | MENU-1 |  | SEMESTER: |  | 1 | HOURS: | urs 45 mins |
|  | Basic sponge (Genoise sponge, |  |  |  | pproved B | Deputy Director |
|  |  |  |  |  |  |  |  |
| LEARNING OUTCOME |  |  |  |  |  |  |  |
| Students are able to prepare all 3 dishes |  |  |  |  |  |  |  |
| They are able to present food in correct maner with garnishes. |  |  |  |  |  |  |  |
| They are able to explain the dishes |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| RESOURCES: Equipment and Utensils such as Working Table, Refrigerator, Baking oven, Dough Mixer, cake tin, cake stand etc. |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| REFERENCES: 1) Bakery \& Confectionery: Author Parvinder Singh Bali published by Oxford University <br> 2) Professional Baking Book: Author Wayne Gisslen, Published by John Wiley \& Sons, <br> 3) ON COOKING written by Sarah R. Labensky Published by Pearson Education |  |  |  |  |  |  |  |
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| Video Link Genoise Sponge <br> https://youtu.be/isvQclynB6s |  |  |  |  |  |  |  |
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| METHODOLOGY: |  |  |  |  |  |  |  |
| PERTICULARS |  | TIME |  | TASK |  |  |  |
| Hygiene \& Grooming Check up |  | 10 minutes |  | Students have to maintain high standard Hygiene and Grooming as per |  |  |  |
| Briefing |  | 15 mi |  | Instruct students about recipes, mise-en-place, cooking methodology |  |  |  |
|  |  | Share with them some Presentation ideas |  |  |
|  |  | Groom them about Social distance and maintain inside Practical Lab |  |  |
| Cooking |  |  | $2 \mathrm{hr} \mathrm{30mins}$ |  | Mis-en-place for all sponge (measuring ingredients, prepaing meringue, |  |  |  |
|  |  | Start baking all 3 sponges |  |  |  |
|  |  | Cooling \& slicing each sponge with desired shape for preparing cakes |  |  |  |
| Presentation |  |  | 15 minutes |  | Present all Food items with proper Garnish |  |  |  |


| Tasting | 15 minutes | Tasting will be done by Teacher \& Students also to know exact character of the dish |
| :---: | :---: | :---: |
| Closing | 20 minutes | Cleaning of all equipments |
|  |  | Closing has to be done as per SOP |
|  |  |  |
| POSSIBLE SOURCES OF ERRORS \& RECTIFICATION : |  |  |
| POSSIBLE ERRORS |  | RECTIFICATION |
| Excessive tender |  | More sugar added. Adjust the sugar quantity in the recipe |
| Excessive volume |  | More meringue quantity |
| Poor volume |  | Low baking temperature |
|  |  |  |



| Closing | 20 minutes | Cleaning of all equipments |
| :--- | :--- | :--- |
|  |  |  |
| POSSSIBLE SOURCES OF ERRORS \& RECTIFICATION : |  |  |
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| Excessive tender |  |  |
| Excessive volume | More sugar added. Adjust the sugar quantity in the recipe |  |
| Poor volume | More meringue quantity |  |
|  | Low baking temperature |  |



| POSSIBLE SOURCES OF ERRORS \& RECTIFICATION:  <br> POSSIBLE ERRORS RECTIFICATION <br> Excessive tender More sugar added. Adjust the sugar quantity in the recipe <br> Excessive volume More meringue quantity <br> Poor volume Low baking temperature <br>   |  |
| :--- | :--- |


| PRACTICAL MANUAL |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| B.Sc Culinary Art |  |  |  |  |  |  |  |
| SUBJECT: | Foundation Course in Bakery \& Cd |  | MENU NO: |  | 4 | Teacher: Subrata Routh |  |
| TOPIC: | MENU-4 |  | SEMESTER: |  | 2 | HOURS: | 3 hours 45 mins |
|  | Icings \& Frostings |  |  |  | pproved B | Deputy Director |
|  |  |  |  |  |  |  |  |
| LEARNING OUTCOME |  |  |  |  |  |  |  |
| - Students are able to prepare all icings \& frostings |  |  |  |  |  |  |  |
| - They are able to present food in correct maner with garnishes. |  |  |  |  |  |  |  |
| . They are able to explain the dishes |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| RESOURCES: Equipment and Utensils such as Working Table, Refrigerator, Baking oven, Dough Mixer, cake tin, cake stand etc. |  |  |  |  |  |  |  |
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| REFERENCES: 1) Bakery \& Confectionery: Author Parvinder Singh Bali published by Oxford University <br> 2) Professional Baking Book: Author Wayne Gisslen, Published by John Wiley \& Sons, <br> 3) ON COOKING written by Sarah R. Labensky Published by Pearson Education |  |  |  |  |  |  |  |
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| Video Link |  |  |  |  |  |  |  |
| Butter cream frostings |  |  |  |  |  |  |  |
| https://youtu.be/Ez2Vrw1k2n0 |  |  |  |  |  |  |  |
| Royal Icing |  |  |  |  |  |  |  |
| https://youtu.be/7a3kIrULWFc |  |  |  |  |  |  |  |
| METHODOLOGY : |  |  |  |  |  |  |  |
| PERTICULARS |  | TIM |  |  |  | TASK |  |
| Hygiene \& Grooming Check up |  | 10 minutes |  | Students have to maintain high standard Hygiene and Grooming as per |  |  |  |
| Briefing |  | 15 minutes |  | Instruct students about recipes, mise-en-place, cooking methodS |  |  |  |
|  |  | Share with them some Presentation ideas |  |  |  |
|  |  | Groom them about Social distance \& maintain inside Practical Lab |  |  |  |
| Cooking |  |  |  | 2 hr 30 mins |  | Mis-en-place for various icings \& frostings (gathering ingredients, |  |  |  |
|  |  | Start applying on various cakes \& pastries |  |  |  |  |  |
|  |  | Arranging all food items for food presentation |  |  |  |  |  |
| Presentation |  |  |  | 15 minutes |  | Present all Food items with proper Garnish |  |  |  |
| Tasting |  | 15 minutes |  | Tasting will be done by Teacher \& Students also to know exact character of the dish |  |  |  |


| Closing | 20 minutes | Cleaning of all equipments |
| :--- | :--- | :--- |
|  |  |  |
| POSSIBLE SOURCES OF ERRORS \& RECTIFICATION : |  |  |
| $\quad$ RECTIFICATION |  |  |
| Meringue is not well risen | Excessive sugar added. Reduce the sugar quantity and whip. |  |
| Meringue is curdled | Kept at room temperature for long time. |  |
| Butter cream is too grainy | Cream the butter before mixing |  |
|  |  |  |



| POSSIBLE SOURCES OF ERRORS \& RECTIFICATION :  <br>  RECTIFICATION <br> ICings does not have proper spreading consistency Whip it once again before applying on cakes. <br> Icing is sticking to palette knife during application Dip the knife in warm water between each application. <br>   <br>   |  |
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| Closing | 20 minutes | Cleaning of all equipments |
| :--- | :--- | :--- |
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| POSSIBLE SOURCES OF ERRORS \& RECTIFICATION : |  |  |
| Too tough |  | RECTIFICATION |
| Too tender | Excessive gluten formation |  |
| Too dry | Less moisture |  |
|  |  |  |



| POSSIBLE ERRORS  <br> POSSIBLE SOURCES OF ERRORS \& RECTIFICATION :  <br> RECTIFICATION  <br> Too tough Excessive gluten formation <br> Too tender Excessive creaming of fat \& sugar <br> Too dry Less moisture <br>   |  |
| :--- | :--- |





| 人usa's |  | Closing has to be done as per SOP |
| :---: | :---: | :---: |
| POSSIBLE SOURCES OF ERRORS \& RECTIFICATION: |  |  |
| POSSIBLE ERRORS |  | RECTIFICATION |
| Cream Caramel has loose texture |  |  |
| Crème Brulee has dark surface |  | Sugar burnt excessively. Reduce the salamnder temperature |
|  |  |  |
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| POSSIBLE ERRORS | RECTIFICATION |
| :--- | :--- |
| Creme anglaise has grainy texture | Add little hot water and mix thoroughly |
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| Closing | 20 minutes | Cleaning of all equipments |
| :--- | :--- | :--- |
|  |  |  |
| POSSIBLE SOURCES OF ERRORS \& RECTIFICATION : |  |  |
| POSSIBLE ERRORS |  |  |
| Souffle did not rise well | RecCTIFICATION |  |
| Eggy flavour | lack of vanilla essence in the the recipe. |  |
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|  |  |  |





| POSSIBLE ERRORS | RECTIFICATION |
| :--- | :--- |
| Crepes are too thick | More batter added or very thick batter |
| Fritters are too dark | Excessive oil temperature |
|  |  |
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