SAULT COLLEGE OF APPLIED ARTS AND TECHNOLOGY

SAULT STE. MARIE, ONTARIO



COURSE OUTLINE

COURSE TITLE: Techniques of Baking - Basic

CODE NO.: FDS143 SEMESTER: 1

PROGRAM: Culinary Skills – Chef Training

Culinary Management

AUTHOR: Peter E. Graf MBA

DATE: May PREVIOUS OUTLINE DATED: May

2007

2006

APPROVED:

Rick Wing, Dean DATE

TOTAL CREDITS: 3

PREREQUISITE(S): NONE

HOURS/WEEK: 3

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For additional information, please contact

Rick Wing, Dean, School of Hospitality (705) 759-2554, Ext.2405 (B1131)

I. COURSE DESCRIPTION:

To provide the student with an understanding of the techniques, requirements and skills for the baking industry, hotels, restaurants, fast foods, and bakeries as set out by the Ministry of Skills Development of Ontario for The Trade of Cook. Familiarity with techniques and products will assist in your future purchasing decisions.

II. LEARNING OUTCOMES AND ELEMENTS OF THE PERFORMANCE:

Upon successful completion of this course, the student will:

1. Demonstrate the ability to prepare **Yeast Products**

Potential Elements of the Performance:

Demonstrate, in the lab, the ability to prepare yeast products:

- Straight dough method
- Sponge dough method
- Roll-in method

2. Demonstrate the ability to prepare **Quick Breads**

Potential Elements of the Performance:

Demonstrate, in the lab, the ability to prepare quick breads:

- Muffin method
- Biscuit method
- Creaming method
- 3. Demonstrate the ability to prepare **Pies**, **Tarts**, **and Flans**

Demonstrate, in the lab, the ability to prepare pies, tarts, and flans:

- Basic pie dough
 - Demonstrate correct consistency of a pie dough
- Prepare dough for later use
 - Roll dough to rectangular, square and triangular shapes
 - Line baking sheets, flan rings
 - Roll dough to even thickness without sticking
 - Use lattice design cutter
- Prepare and/cook fillings to correct texture/thickness
- Assemble pies/tarts/flans
- Bake
- Present using contemporary presentation techniques (platters and plates, applied in FDS139)
- 4. Demonstrate a working knowledge of **piping doughs** using proper tools, pressure to obtain **uniformity of shapes**.

Potential Elements of the Performance:

Demonstrate, in the lab, the ability to pipe doughs using proper tools, apply correct pressure to obtain uniformity in shapes:

- Prepare a suitable cookie dough for piping with plain and star tubes
 - Pipe single and double rosettes
 - Pipe shells, hearts, crescents using required tubes
 - Pipe lady fingers, spirals and straight lines
- 5. Demonstrate the ability to prepare **sponge-based pastries**.

Potential Elements of the Performance:

Demonstrate, in the lab, the ability to prepare sponge-based pastries:

- Lady fingers, Swiss roll, genoise
- 6. Demonstrate technically the ability to prepare **Custard Filling and Creams**

Potential Elements of the Performance:

Demonstrate, in the lab, the ability to prepare custard filling and creams:

- Pastry cream, Bavarian creams
- Present using contemporary concepts (applied in Gallery)
- 7. Demonstrate technically the ability to prepare **Choux Paste Products**

Potential Elements of the Performance:

Prepare choux paste products

- Describe the uses of choux paste, its characteristics properties, possibilities & limitations
- Prepare choux paste
- Recognize consistency, adjust if necessary
- Make dough for immediate use or freezing
- Glaze, fill and assemble choux paste products for pastry presentation, platter presentation and plated presentation (applied in Gallery)
- 8. Demonstrate technically the ability to prepare **Puff Pastry Products**

Potential Elements of the Performance:

Prepare puff pastry

- Balance and adjust recipe for different needs
- Prepare basic dough by hand and/or machine
- Apply various roll-in methods

III. TOPICS:

- 1. Yeast dough products
- 2. Quick breads
- 3. Pies, tarts, and flans
- 4. Piping doughs
- 5. Sponge based pastries

- 6. Custard filling and creams
- 7. Choux paste products
- 8. Puff pastry products

V. EVALUATION PROCESS/GRADING SYSTEM:

The lab assignment includes the following:

- 1. Gathering of utensils and raw materials
- 2. Pre-preparation of the assigned items
- 3. Preparation (cooking, baking) of the items
- 4. Proper storage of the ready items including packaging, refrigeration, and freezing
- 5. Cleaning of utensils, equipment, work areas, and cooking surfaces. No mark will be assigned until work areas are clean
- 6. Putting all utensils and small wares into their allocated places
- 7. No student is to leave the lab area until the end of the period

With the help of the above, students will be **graded in the labs** every **class** as follows:

Professionalism & Appearance

15%

- uniform, grooming, deportment

Sanitation & Safety

25%

- personal, work environmental, product management
- safe handling, operation, cleaning & sanitizing of tools and equipment
- organization of work area

Method of Work

40%

- application of theory
- application of culinary methods & techniques

Quality of Finished Product

20%

- appearance, taste, texture

The following semester grades will be assigned to students in postsecondary courses:

		Grade Point
<u>Grade</u>	<u>Definition</u>	<u>Equivalent</u>
A+	90 - 100%	4.00
Α	80 - 89%	4.00
В	70 - 79%	3.00
С	60 - 69%	2.00
D	50 - 59 %	1.00
F (Fail)	49% or below	0.00
CR (Credit)	Credit for diploma requirements has been	
	awarded.	
S	Satisfactory achievement in field	
	placement or non-graded subject areas.	
U	Unsatisfactory achievement in field	
	placement or non-graded subject areas.	
X	A temporary grade limited to situations	
	with extenuating circumstances giving a	
	student additional time to complete the	
	requirements for a course.	
NR	Grade not reported to Registrar's office.	
W	Student has withdrawn from the course	
	without academic penalty	

VI. **SPECIAL NOTES:**

Dress Code:

All students are required to wear their uniforms while in the Hospitality and Tourism Institute, both in and out of the classroom. (Without proper uniform, classroom access will be denied)

Special Needs:

If you are a student with special needs (e.g. physical limitations, visual impairments, hearing impairments, or learning disabilities), you are encouraged to discuss required accommodations with your instructor and/or the Special Needs office. Visit Room E1101 or call Extension 2703 so that support services can be arranged for you.

Retention of course outlines:

It is the responsibility of the student to retain all course outlines for possible future use in acquiring advanced standing at other postsecondary institutions.

Plagiarism:

Students should refer to the definition of "academic dishonesty" in *Student Code of Conduct*. Students who engage in "academic dishonesty" will receive an automatic failure for that submission and/or such other penalty, up to and including expulsion from the course/program, as may be decided by the professor/dean. In order to protect students from inadvertent plagiarism, to protect the copyright of the material referenced, and to credit the author of the material, it is the policy of the department to employ a documentation format for referencing source material.

Communication:

The College considers **WebCT/LMS** as the primary channel of communication for each course. Regularly checking this software platform is critical as it will keep you directly connected with faculty and current course information. Success in this course may be directly related to your willingness to take advantage of the **Learning Management System** communication tool.

Course outline amendments:

The Professor reserves the right to change the information contained in this course outline depending on the needs of the learner and the availability of resources.

Substitute course information is available in the Registrar's office.

VII. PRIOR LEARNING ASSESSMENT:

Students who wish to apply for advanced credit in the course should consult the professor. Credit for prior learning will be given upon successful completion of a challenge exam or portfolio.

VIII. DIRECT CREDIT TRANSFERS:

Students who wish to apply for direct credit transfer (advanced standing) should obtain a direct credit transfer form from the Dean's secretary. Students will be required to provide a transcript and course outline related to the course in question.