

BAKESHOP PRODUCTION (TECHNICAL CERTIFICATE)

Award: Technical Certificate
Program of Study: Bakeshop Production
Major Code: 1141

This program will prepare students for employment in the field of baking and the art of pastries. The certificate program will develop the students' skills and understanding in the production of pastries, yeast products, quick breads, use of fruits and international desserts. Students completing the certificate program could find employment in the following areas: baker, baking assistant, journeyman baker, cake decorator, or pastry cook, and are prepared to continue for advanced study in the Associates of Applied Science in Baking and Pastry, and Bachelors in Hospitality Management.

For more information on what you can do with this major, visit CMU Tech's [Programs of Study](#) page.

All CMU/CMU Tech technical certificate graduates are expected to demonstrate proficiency in specialized knowledge/applied learning, communication fluency, and critical thinking. In addition to these campus-wide student learning outcomes, graduates of this major will be able to:

1. Apply food safety concepts to demonstrate personal hygiene guidelines, consumer safety, and sanitation procedures for preparation, storage, and service of food. (Applied Learning)
2. Apply mathematical concepts and practices to the field of baking and pastry as a basis for accurate ingredient measurements, high altitude adjustment, and formula yield conversion. (Quantitative Fluency)
3. Identify, formulate and assess a variety of baked products. (Specialized Knowledge)

Requirements

Each section below contains details about the requirements for this program. Select a header to expand the information/requirements for that particular section of the program's requirements.

To print or save an overview of this program's information, including the program description, learning outcomes, requirements, suggested course sequencing (if applicable), and advising and graduation information, scroll to the bottom of the left-hand navigation menu and select "Print Options." This will give you the options to either "Send Page to Printer" or "Download PDF of This Page." The "Download PDF of This Page" option prepares a much more concise presentation of all program information. The PDF is also printable and may be preferable due to its brevity.

Institutional Certificate Requirements

The following institutional requirements apply to all CMU or CMU Tech Technical Certificates. Specific programs may have different requirements that must be met in addition to institutional requirements.

- Consists of 5-59 semester hours.
- Consists of 100-200 level courses.
- At least fifty percent of the credit hours must be taken at CMU/CMU Tech.

- 2.00 cumulative GPA or higher in all courses taken to satisfy certificate requirements.
- A grade lower than "C" will not be counted toward meeting the requirements.
- A course may only be used to fulfill one requirement for each degree/certificate.
- Non-traditional credit, such as advanced placement, credit by examination, credit for prior learning, cooperative education and internships, cannot exceed twenty-five percent of the semester credit hours required for a technical certificate.
- Pre-collegiate courses (usually numbered below 100) cannot be used for graduation.
- Capstone exit assessment/projects (e.g., Major Field Achievement Test) requirements are identified under Program-Specific Certificate Requirements.
- The Catalog Year determines which program sheet and certificate requirements a student must fulfill in order to graduate. Visit with your advisor or academic department to determine which catalog year and program requirements you should follow.
- See "Requirements for Undergraduate Degrees and Certificates" in the catalog for a complete list of graduation requirements.

Program Specific Certificate Requirements

(17 semester hours, must earn a grade of "C" or better in each course.)

Code	Title	Semester Credit Hours
Required Courses		
CUAR 100	Culinary Program Fundamentals	3
CUAR 101	Food Safety & Sanitation	2
CUAR 125	Introduction to Foods	3
CUAR 145	Introduction to Baking	3
CUAR 150	Baking: Decorating and Presentation	3
CUAR 151	Intermediate Bread Preparation	3
Total Semester Credit Hours		17

Suggested Course Plan

First Year		Semester Credit Hours
Fall Semester		
CUAR 100	Culinary Program Fundamentals (1st Mod)	3
CUAR 101	Food Safety & Sanitation (1st Mod)	2
CUAR 125	Introduction to Foods (2nd Mod)	3
CUAR 145	Introduction to Baking (2nd Mod)	3
Semester Credit Hours		11
Spring Semester		
CUAR 150	Baking: Decorating and Presentation (1st Mod)	3
CUAR 151	Intermediate Bread Preparation (1st Mod)	3
Semester Credit Hours		6
Total Semester Credit Hours		17

Advising and Graduation

Advising Process and DegreeWorks

Documentation on the pages related to this program is intended for informational purposes to help determine what courses and associated requirements are needed to earn a certificate. Some courses are critical to complete in specific semesters while others may be moved around. Meeting with an academic advisor is essential in planning courses and discussing the suggested course sequencing. It is ultimately the student's responsibility to understand and fulfill the requirements for their intended certificate.

DegreeWorks is an online degree audit tool available in MAVzone. It is the official record used by the Registrar's Office to evaluate progress towards a certificate and determine eligibility for graduation. Students are responsible for reviewing their DegreeWorks audit on a regular basis and should discuss questions or concerns with their advisor or academic department head. Discrepancies in requirements should be reported to the Registrar's Office.

Graduation Process

Students must complete the following in the first two months of the semester prior to completing their certificate requirements (for one-semester certificates, complete in the first week of class):

- Review their DegreeWorks audit and create a plan that outlines how unmet requirements will be met in the final semester.
- Meet with their advisor and modify their plan as needed. The advisor must approve the final plan.
- Submit the "Intent to Graduate" form to the Registrar's Office to officially declare the intended graduation date and commencement ceremony plans.
- Register for all needed courses and complete all requirements for each degree sought.

Submission deadlines and commencement details can be found on the [Graduation](#) web page.

If a student's petition for graduation is denied, it will be their responsibility to apply for graduation in a subsequent semester. A student's "Intent to Graduate" does not automatically move to a later graduation date.