

# CURRICULUM STANDARD

Effective Term  
Fall 1998  
[1998\*03]

Curriculum Program Title

**Poultry Processing Machine Technology**

Code

**A50370**

Concentration

**(not applicable)**

## *Curriculum Description*

The Poultry Processing Machine Technology program is designed to provide knowledge of the basic operations involved in the processing of poultry from receiving to packaging. Emphasis is given to troubleshooting and maintenance of poultry processing automated equipment.

Supportive course work includes principles of basic electricity, welding, pneumatics, hydraulics, air conditioning and heating (HVAC), and refrigeration. Knowledge of safety, sanitation, state and federal regulations, and basics computer and programming logic controller (PLC) use is also emphasized.

Graduates should be qualified as poultry processing mechanics. Employment opportunities exist in chicken and turkey processing plants throughout North Carolina.

## *Curriculum Requirements*

*[for associate degree, diploma, and certificate programs in accordance with 23 NCAC 02E.0204 (3)]*

- I. General Education.** Degree programs must contain a minimum of 15 semester hours including at least one course from each of the following areas: humanities/fine arts, social/behavioral sciences, and natural sciences/mathematics. Degree programs must contain a minimum of 6 semester hours of communications. Diploma programs must contain a minimum of 6 semester hours of general education; 3 semester hours must be in communications. General education is optional in certificate programs.
- II. Major Hours.** AAS, diploma, and certificate programs must include courses which offer specific job knowledge and skills. Work experience, including cooperative education, practicums, and internships, may be included in associate in applied science degrees up to a maximum of 8 semester hours of credit; in diploma programs up to a maximum of 4 semester hours of credit; and in certificate programs up to a maximum of 2 semester hours of credit. *(See second page for additional information.)*
- III. Other Required Hours.** A college may include courses to meet graduation or local employer requirements in a certificate, diploma, or associate in applied science program. These curriculum courses shall be selected from the Combined Course Library and must be approved by the System Office prior to implementation. Restricted, unique, or free elective courses may not be included as other required hours.

	<b>AAS</b>	<b>Diploma</b>	<b>Certificate</b>
Minimum General Education Hours	15	6	0
Minimum Major Hours	49	30	12
Other Required Hours	0-7	0-4	0-1
<b>Total Semester Hours Credit (SHC)</b>	<b>64-76</b>	<b>36-48</b>	<b>12-18</b>

## *Major Hours*

[ref. 23 NCAC 02E.0204 (3)]

- A. Core.** The subject/course core is comprised of subject areas and/or specific courses which are required for each curriculum program. A diploma program offered under an approved AAS program standard or a certificate which is the highest credential level awarded under an approved AAS program standard must include a minimum of 12 semester hours credit derived from the subject/course core of the AAS program.
- B. Concentration** (if applicable). A concentration of study must include a minimum of 12 semester hours credit from required subjects and/or courses. The majority of the course credit hours are unique to the concentration. The required subjects and/or courses that make up the concentration of study are in addition to the required subject/course core.
- C. Other Major Hours.** Other major hours must be selected from prefixes listed on the curriculum standard. A maximum of 9 semester hours of credit may be selected from any prefix listed, with the exception of prefixes listed in the core or concentration. Work experience, including cooperative education, practicums, and internships, may be included in associate in applied science degrees up to a maximum of 8 semester hours of credit; in diploma programs up to a maximum of 4 semester hours of credit; and in certificate programs up to a maximum of 2 semester hours of credit.

### Poultry Processing Machine Technology A50370

	AAS	Diploma	Certificate
<b>Minimum Major Hours Required</b>	<b>49 SHC</b>	<b>30 SHC</b>	<b>12 SHC</b>
<b>A. CORE</b>  <b>Required Courses:</b> ANS 130 Poultry Production 3 SHC PPM 111 Poultry Processing I 2 SHC PPM 112 Poultry Processing II 3 SHC PPM 113 Poultry Processing III 4 SHC PPM 114 Poultry Further Processing I 3 SHC PPM 210 Poultry Further Processing II 3 SHC PPM 211 Poultry Further Processing III 3 SHC PPM 212 USDA and HACCP 2 SHC  <b>Required Subject Areas:</b> None	<b>23 SHC</b>		
<b>B. CONCENTRATION</b> (Not applicable)			
<b>C. OTHER MAJOR HOURS</b> <i>To be selected from the following prefixes:</i>  AHR, BPR, CIS, COE, ELC, HYD, ISC, MEC, MNT, and WLD  <i>Foreign language courses (including ASL) that are not designated as approved other major hours may be included in all programs up to a maximum of 3 semester hours of credit.</i>			