



NORTH CAROLINA COMMUNITY COLLEGE SYSTEM
H. Martin Lancaster, President

February 5, 2008

RESPONSE DEADLINE: February 19, 2008

MEMORANDUM

TO: Select Chief Academic Officers
Colleges Approved to Offer Building Construction Technology

FROM: Delores A. Parker, Vice President
Academic and Student Services

SUBJECT: Requested Revision in Building Construction Technology (A35140)

The System Office has received a request to revise the following curriculum standard:

Building Construction Technology (A35140)

Attached is a form requesting your approval or disapproval of the proposed changes.

Please complete and return the form to Tracy McPherson by Tuesday, February 19, 2008. You may fax your response to (919) 807-7164. Once the responses have been received at the System Office, the request will be presented to the State Board of Community Colleges.

Thank you for your prompt attention to this matter. If you have questions, please contact Tracy McPherson at (919) 807-7117 or mcphersont@nccommunitycolleges.edu.

DAP/tm

Attachments

c: Select Presidents
Dr. Judith C. Mann
Ms. Tracy McPherson

S08-012
Email

**College Recommendation
Reply Form**

(Response Deadline: February 19, 2008)

| |
|---|
| Curriculum Standard Revision Request Building Construction Technology (A35140) |
|---|

Proposed Revision (see attachment for current standard with proposed changes marked):

- Remove CST 211 Construction Surveying from the required Core (colleges may still offer course as “Other Major Hours,” if desired)
- Revise the curriculum standard description to reflect this change (change “will” to “may”; see attached revision)

Rationale of Requesting College: The college’s advisory committee has indicated that construction surveying is no longer a fundamental of the broader construction trade; rather, the majority of site surveying is done by contractors that specialize in site surveys only. Moving CST 211 from the core to an option in Other Major Hours will allow colleges greater flexibility in meeting local industry need.

Please indicate your recommendation below (check one):

_____ We have reviewed the proposed revisions and **recommend** the adoption of these changes for Building Construction Technology (A35140).

_____ We have reviewed the proposed revisions and **do not recommend** the adoption of these changes for Building Construction Technology (A35140) for the following reason(s):

_____ We do not offer this program and wish to decline from making a recommendation.

College: _____

Signature of President: _____ **Date:** _____

Please return this form by **February 19, 2008** to: Tracy McPherson, Director
Program Services
NC Community College System
5016 Mail Service Center
Raleigh, NC 27699-5016
Fax Number: (919) 807-7164

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|--------------------------|---|------|---------------|
| Curriculum Program Title | <u>Building Construction Technology</u> | Code | A35140 |
| Concentration | (not applicable) | | |

Curriculum Description

The Building Construction Technology curriculum is designed to provide students with an overview of the building construction industry. Construction labs/lecture courses and other related classes provide students with up-to-date knowledge on materials, trends, and techniques of the ever-changing construction industry.

Course work includes basic construction concepts such as general construction, blueprint reading, construction estimating, and project management. Students ~~will~~ **may** also diversify their knowledge of construction in other areas ~~like~~, such as electrical wiring, construction surveying, plumbing, statics/strength of materials, and HVAC.

Graduates should qualify for entry-level jobs in any general construction setting and be able to advance quickly to management positions such as supervisors, superintendents, project coordinators, project planners, estimators, and inspectors.

Curriculum Requirements*

- 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.

| | AAS | Diploma | Certificate |
|---|--------------|----------------|--------------------|
| Minimum General Education Hours | 15 | 6 | 0 |
| Minimum Major Hours | 49 | 30 | 12 |
| Other Required Hours | 0-7 | 0-4 | 0-1 |
| Total Semester Hours Credit in Program | 64-76 | 36-48 | 12-18 |

Proposed

Major Hours

- 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.

Building Construction Technology A35140

| | AAS | Diploma | Certificate |
|---|------------------------------------|---------------|---------------|
| Minimum Major Hours Required | 49 SHC | 30 SHC | 12 SHC |
| A. CORE Required Courses: BPR 130 Blueprint Reading/Construction 2 SHC CST 131 OSHA/Safety/Certification 3 SHC CST 211 Construction Surveying 3 SHC CST 221 Statics/Structures 4 SHC CST 241 Planning/Estimating I 3 SHC Required Subject Areas: Construction Methods. Select 8 SHC: CAR 111 Carpentry I 8 SHC <i>or</i> CST 111 Construction I 4 SHC CST 112 Construction II 4 SHC | 23 SHC 20 SHC | NR | |
| B. CONCENTRATION <i>(Not applicable)</i> | | | |
| C. OTHER MAJOR HOURS <i>To be selected from the following prefixes:</i> AHR, ARC, BPR, BUS, CAB, CAR, CIS, CIV, COE, CSC, CST, DES, DFT, ECO, EGR, EHS, ELC, ISC, MAS, PHY, PLU, SRV, WLD, and WOL <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> | | | |