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<th>AAS CET Program Educational Objectives</th>
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<td>[Broad statements that describe the career and professional accomplishments that the CET credit program is preparing graduates to achieve during the first few years following graduation.]</td>
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**AAS CET Program Related Program Outcomes** (required to meet PEOs)

**MASTERY OF KNOWLEDGE AT AAS LEVEL:** After graduation, students of the AAS CET program will have appropriate technical expertise to practice in the field as construction engineering technologist, construction inspectors, and to assist with cost estimating and project coordination. To do this, graduates of the AAS program will possess professional skill in the following areas:

1. Identifying, performing and evaluating ASTM testing of concrete materials, aggregates and soils as appropriate for the quality control of these materials when used in construction; utilize measuring methods, hardware, and software that are appropriate for field, laboratory, and office processes related to construction; (ABET “c”)

   - apply fundamental computational methods and elementary analytical techniques in sub-disciplines related to construction engineering. (ABET “d”)

   - Materials Testing II (Belcher)

   - Materials Testing I (Belcher)

2. Recognizing the conventional construction methods related to both residential and commercial buildings and infrastructure; estimate costs, estimate quantities, and evaluate materials for construction projects; (ABET “b”)

   - Construction Estimating (Belcher)

3. Utilizing and interpreting basic construction documents and codes utilize techniques that are appropriate to administer and evaluate construction contracts, documents, and codes; (ABET “a”)

   - Elements of Structures (Belcher)

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