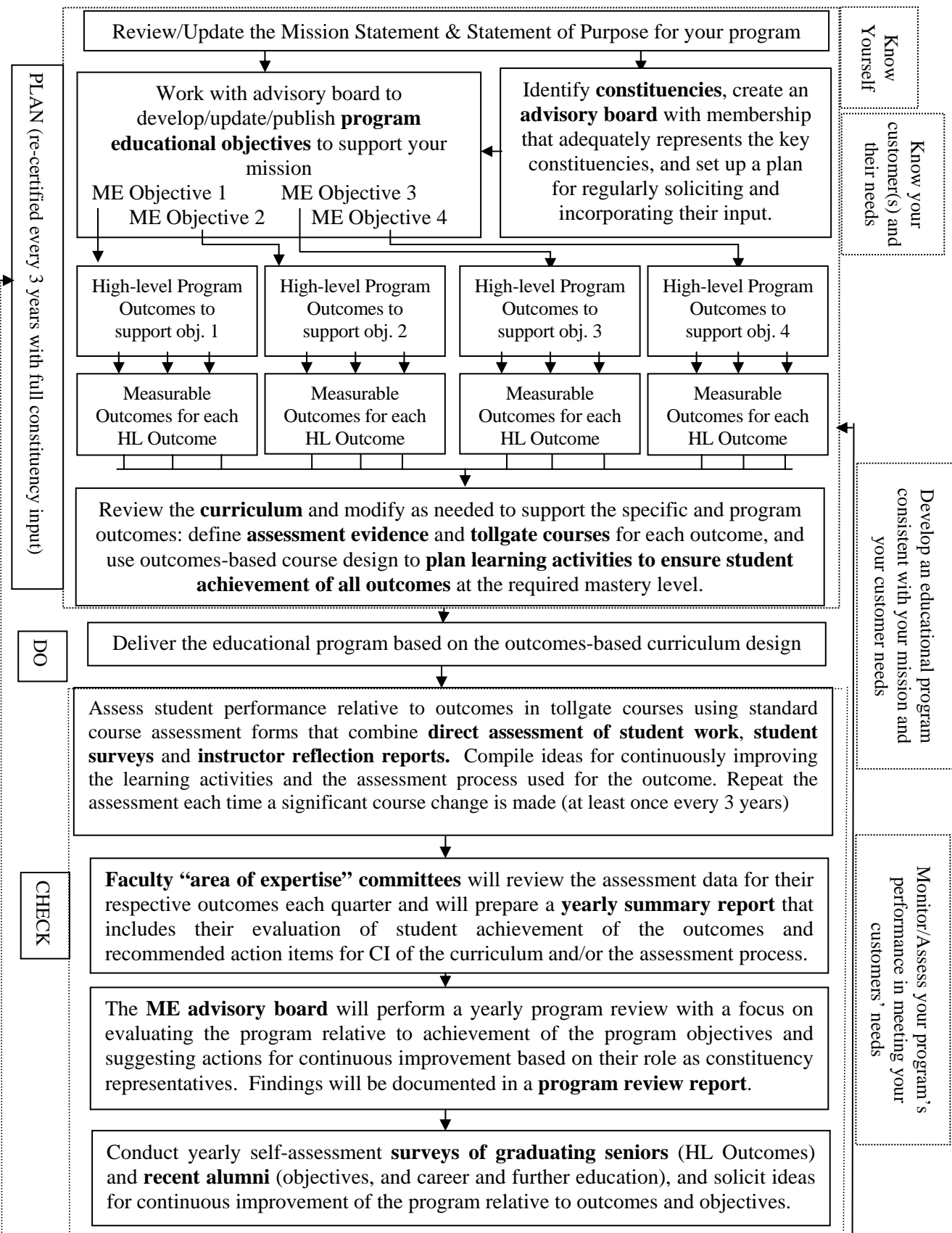


## OU ME Assessment and Continuous Improvement Process Schematic

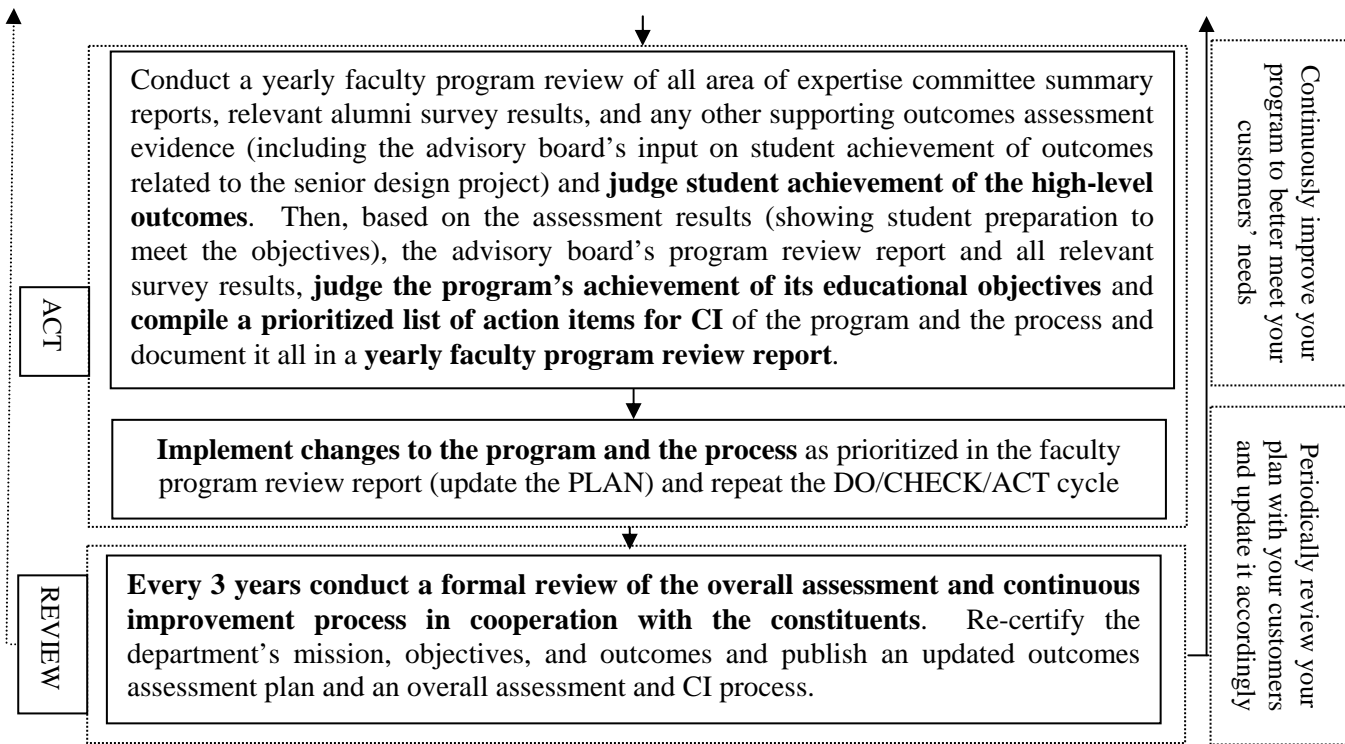
The "OU ME Assessment and Continuous Improvement Process" Schematic (Figure B1) shows our overall process as an expanded and personalized version of the ABET 2-loop systematic approach to meeting the spirit and letter of the Engineering Criteria. The mission and objectives, which are the subject of Section B2, are addressed in the first two rows of the schematic, but a brief overview of the entire process is presented here as an introduction to put the entire report in context. Note that the fact that this process was developed to be consistent with the accreditation criteria is a major factor in ensuring that the objectives are consistent with the criteria. Other factors to maintain consistency include detailed discussions about the criteria with the constituents before they develop or review objectives statements, and review of the constituency-generated objective statements by the department's assessment coordinator before accepting them as program objectives.

The overall process consists of a basic **constituency/objectives** (review) loop which includes a focus on big picture items like the program objectives, and a **faculty/outcomes** (PLAN/DO/CHECK/ACT) loop which deals with the details of defining specific/measurable outcomes directly linked to objectives, delivering a curriculum designed to help students achieve those outcomes, and directly assessing the achievement of those outcomes. Note that the text boxes to the right of the flowchart correspond to the main categories in our departmental document "EC2000: The Spirit and the Letter", included to show how our process was developed with a full awareness of the ABET engineering accreditation criteria.

The process is presented in Figure B1 in a multi-tier format, proceeding from the "general" department mission statement and program-level objectives (developed with constituency input and review) to the "specific" student learning outcomes (which can be dealt with on the course level) that prepare students to achieve the high-level outcomes and fulfill the program objectives. This overall process is reviewed yearly by faculty as part of the normal assessment plan, and is formally reviewed and recertified with full constituency input every three years.



**Figure B1: Assessment and CI Process**



**Figure B1: OU ME Assessment and Continuous Improvement Process (continued)**