Seven Principles For Good Practice in Undergraduate Education

Arthur Chickering is Distinguished Professor of Higher Education at Memphis State University. On leave from the Directorship of the Center for the Study of Higher Education at Memphis State, he is Visiting Professor at George Mason University. Zelda Gamson is a sociologist who holds appointments at the John W. McCormack Institute of Public Affairs at the University of Massachusetts-Boston and in the Center for the Study of Higher and Postsecondary Education at the University of Michigan.

Apathetic students, illiterate graduates, incompetent teaching, impersonal campuses-so rolls the drum-fire of criticism of higher education. More than two years of reports have spelled out the problems. States have been quick to respond by holding out carrots and beating with sticks.

There are neither enough carrots nor enough sticks to improve undergraduate education

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This much we can say: An undergraduate education should prepare students to understand and deal intelligently with modern life What better place to start but in the classroom and on our campuses? What better time than now?

Seven Principles of Good Practice

1. Encourages Contact Between Students and Faculty

Frequent student-faculty contact in and out of classes is the most important factor in student motivation and involvement. Faculty concern helps students get through rough

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3. Encourages Active Learning

Learning is not a spectator sport. Students do not learn much just by sitting in classes listening to teachers, memorizing prepackaged assignments, and spitting out answers. They must talk about what they are learning, write about it, relate it to past experiences and apply it to their daily lives. They must make what they learn part of themselves.

Active learning is encouraged in classes that use structured exercises, challenging discussions, team projects, and peer critiques. Active learning can also occur outside the classroom. There are thousands of internships, independent study, and cooperative job programs across the country in all kinds of colleges and universities, in all kinds of fields, for all kinds of students. Students also can help design and teach courses or parts of courses. At Brown University, faculty members and students have designed new courses on contemporary issues and universal themes; the students then help the professors as teaching assistants. At the State University of New York at Cortland, beginning students in a general chemistry lab have worked in small groups to design lab procedures rather than repeat prestructured exercises. At the University of Michigan's Residential College, teams of students periodically work with faculty members on a long-term original research project in the social sciences.

4. Gives Prompt Feedback

Knowing what you know and don't know focuses learning. Students need appropriate feedback on performance to benefit from courses. When getting started, students need help in assessing existing knowledge and competence. In classes, students need frequent opportunities to perform and receive suggestions for improvement. At various points during college, and at the end, students need chances to reflect on what they have learned, what they still need to know, and how to assess themselves.

No feedback can occur without assessment. But assessment without timely feedback contributes little to learning.

Colleges assess entering students as they enter to guide them in planning their studies. In addition to the feedback they receive from course instructors, students in many colleges and universities receive counseling periodically on their progress and future plans. At Bronx Community College, students with poor academic preparation have been carefully tested and given special tutorials to prepare them to take introductory courses. They are then advised about the introductory courses to take, given the level of their academic skills.

Adults can receive assessment of their work and other life experiences at many colleges and universities through portfolios of their work or through standardized tests; these provide the basis for sessions with advisors.

Alverno College requires that students develop high levels of performance in eight general abilities such as analytic and communication skills. Performance is assessed and then discussed with students at each level for each ability in a variety of ways and by a variety of assessors.

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In writing courses across the country, students are learning, through detailed feedback from instructors and fellow students, to revise and rewrite drafts. They learn, in the process, that feedback is central to learning and improving performance.

5 . Emphasizes Time on Task

Time plus energy equals learning. There is no substitute for time on task. Learning to use

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establishing general honors programs for minorities. Special programs like these help. But most important are the day-to-day, week-in and week-out expectations students and faculty hold for themselves and for each other in all their classes.

7. Respects Diverse Talents and Ways of Learning

There are many roads to learning. People bring different talents and styles of learning to college. Brilliant students in the seminar room may be all thumbs in the lab or art studio. Students rich in hands-on experience may not do so well with theory. Students need the opportunity to show their talents and learn in ways that work for them. Then they can be

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States, the federal government, and accrediting associations affect the kind of environment that can develop on campuses in a variety of ways. The most important is through the allocation of financial support. States also influence good practice by encouraging sound planning, setting priorities, mandating standards, and reviewing and approving programs Regional and professional accrediting associations require selfstudy and peer review in making their judgments about programs and institutions.

These sources of support and influence can encourage environments for good practice in undergraduate education by:

- Setting policies that are consistent with good practice in undergraduate education.
- Holding high expectations for institutional performance.
- Keeping bureaucratic regulations to a minimum that is compatible with public accountability.
- Allocating adequate funds for new undergraduate programs and the professional development of faculty members, administrators, and staff.
- Encouraging employment of under-represented groups among administrators, faculty members, and student services professionals.
- Providing the support for programs, facilities, and financial aid necessary for good practice in undergraduate education.

This article was reproduced by permission from the authors the American Association for Higher Education (AAHE) and the Wingspread Foundation. It was prepared with the assistance of Alexander W. Astin, Howard Bowen, Carol M. Boyer, K. Patricia Cross, Kenneth Eble, Russell Edgerton, Jerry Gaff, Joseph Katz, C. Robert Pace, Marvin W. Peterson, and Richard C. Richardson, Jr. This work was cosponsored by the American Association for Higher Education and the Education Commission of the States. The Johnson Foundation supported a meeting for the authors at Wingspread in Racine, Wisconsin.

"Seven Principles" originally appeared in the March 1987 AAHE Bulletin. It was printed this spring as a special report in The Wingspread Journal. Copies of this special section, along with a selected list of references, are available in quantity at no charge from the Johnson Foundation. You can write The Johnson Foundation, Post Office Box 547, Racine, WI 53401-0547, Susan Poulsen Krogh, editor.