

Program Name: Pre-Professional

Participants in Goal Setting: Peggy Knittel, Jan King, Lorna Stickel, Monte Stokes, Ed Bittner, Bob Creagar, Susan Walker, Chris Wenzel

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Goal 1

Provide students with the course work which meets the admissions requirements of area institutions offering professional programs (or the last two years of four year pre-professional programs) in medicine, veterinary medicine, pharmacy, nursing, and medical technology.

Objective 1a: Articulate our offerings with area professional programs to ensure that EWC pre-professional programs include the pre-requisite courses and appropriate course content.

Measure: 1) Annual review of pre-requisites for area professional programs (and attendance of Professional Program Advising conferences as available) to ensure our pre-professional programs articulate; 2) Student survey or compilation of faculty data concerning numbers of students who apply and are admitted to area professional programs.

Goal 2

Provide students with coursework which establishes a solid base of content knowledge in science and math.

Objective 2a: The programs consist of varying combinations of lab science courses which include Introductory Chemistry, Principles of Biology, General Biology I and II, General Chemistry I and II, Organic Chemistry I and II, General Physics I and II, Pathogenic Microbiology, Human Anatomy, and Human Physiology. They also include math courses appropriate to the professional goal including Problem Solving, Pre Calculus Algebra, Trigonometry, Statistics, and Calculus.

Measure: The pre-professional faculty members have individually generated rubrics based assessments which evaluate each graduating student in science knowledge and lab skills. Rubric scoring information is gathered from student performance on exams, in labs and on lab reports, in classroom activities, and from projects/papers. The faculty members assess each graduating student as Novice, Partially Proficient, Proficient, or Advanced in each area.

Goal 3

Ensure curriculum in the program meets the general education requirements of the college.

Objective 3a: Courses selected emphasize skill and knowledge in the general areas of communications skills, analytical and quantitative reasoning, technology skills, social awareness, and information literacy.

Measure: Faculty completion of classroom assessments, course assessments, and program assessments. Degree checks and granting of diplomas. Program review reflects the mission of the college.

Objective 3b: Program specific courses reinforce the general education requirements.

Measure: The pre-professional faculty members as a group generated rubrics based assessments evaluating each graduating student in the five general education competencies. Rubric scoring information is gathered from student performance on classroom assignments and one-on-one interaction with the student in lecture and lab environments. The faculty members assess each graduating student as Novice, Partially Proficient, Proficient, or Advanced in each of the general education areas.