

Example Dimensions of Program Quality

Input Dimensions

Advisory board

- Industry partners
- Academic partners

Elements of faculty quality

- Professional development / certifications
- Involvement on professional boards and organizations
- Publication and grant awards
- Faculty and administrator diversity

Resources

- Facilities
- Equipment / technology
- Staff, advisors, tutors, etc.
- External funding

Outcome Dimensions

Direct measures of student performance

- Learning outcomes assessments
- Subsequent coursework / capstone courses
- Internships / employment
- Industry certification exams
- Regional / national competitions

Indirect measures of student learning

- Persistence rates
- Time to degree
- Graduation rates
- Matriculation to four-year degree / graduate school
- Employment rates

Process Dimensions

Accreditation

- Departmental
- Program
- Regional

Curriculum mapping

- Industry certifications
- Education standards

Articulation agreements

Program review / assessment

- Enrollment numbers
- Student demographics / diversity
- Student / graduate satisfaction
- (see also “Outcome Dimensions”)

Collaborations with:

- Industry
- NSF-ATE Centers
- Other higher education institutions
- Non-profits, research centers, organizations

Contributions made to the community

Other Dimensions

Affordability / accessibility

Professional association recognitions

Demonstrating Program Quality: Lessons Learned from Applied Baccalaureate Degree Pathways

Julia Panke Makela, Collin M. Ruud, Deborah Boisvert | HI-TEC Conference 2013 | Austin, TX

For more information, contact Julia Panke Makela at jpmakela@illinois.edu

http://occrll.illinois.edu/projects/nsf_applied_baccalaureate/