2020-2021 Assessment Cycle

Assessment Plan

Mission Statement

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The primary mission of the National Technical Institute for the Deaf is to provide deaf and hard-of-hearing students with outstanding state-of-the-art technical and professional education programs, complemented by a strong arts and sciences curriculum, that prepare them to live and work in the mainstream of a rapidly changing global community and enhance their lifelong learning.

Secondarily, NTID prepares professionals to work in fields related to deafness; undertakes a program of applied research designed to enhance the social, economic and educational accommodation of deaf people; and shares its knowledge and expertise through outreach and other information dissemination programs.

Measures

General Science AS Program Outcome Set

Acquire foundational mathematical skills to support academic success at the baccalaureate level

Outcome: Demonstrate competency in college-level algebra

Measure: Advanced Mathematics [NMTH-275] - Final Exam Grade
Course level Direct - Exam

Details/Description:	
Acceptable Benchmark:	80% of students will earn a grade of C or better on the Advanced Mathematics final exam
Implementation Plan (timeline):	Data will be collected annually by the program coordinator using a bi-annual cohort-based cycle

	starting at the end of Year 2
Key/Responsible Personnel:	Program Chair and Program Coordinator will analyze the data

Integrate and apply knowledge and laboratory skills in the chemical sciences

Outcome: Demonstrate competency in introductory general chemistry

Measure: General & Analytical Chemistry I [CHMG-141] - Final Exam Grade
Course level Direct - Exam

Details/Description:	
Acceptable Benchmark:	80% of students will earn grades of C or better in the two-semester general chemistry lecture (final exam grade)
Implementation Plan (timeline):	Data will be collected annually by the program coordinator using a bi-annual cohort-based cycle starting at the end of Year 2
Key/Responsible Personnel:	Program Chair and Program Coordinator will analyze the data

Measure: General & Analytical Chemistry I Lab [CHMG-145]
Course level Direct - Other

Details/Description:	Lab - Final Course Grade
Acceptable Benchmark:	80% of students will earn grades of C or better in the laboratory sequence (final course grade)
Implementation Plan (timeline):	Data will be collected annually by the program coordinator using a bi-annual cohort-based cycle starting at the end of Year 2
Key/Responsible Personnel:	Program Chair and Program Coordinator will analyze the data

Measure: General & Analytical Chemistry II [CHMG-142] - Final Exam Grade
Course level Direct - Exam

Details/Description:	
Acceptable Benchmark:	80% of students will earn grades of C or better in the two-semester general chemistry lecture (final exam grade)
Implementation Plan (timeline):	Data will be collected annually by the program coordinator using a bi-annual cohort-based cycle starting at the end of Year 2
Key/Responsible Personnel:	Program Chair and Program Coordinator will analyze the data

Measure: General & Analytical Chemistry II Lab [CHMG-146]
Course level Direct - Other

Details/Description:	Lab - Final Course Grade
Acceptable Benchmark:	80% of students will earn grades of C or better in the laboratory sequence (final course grade)
Implementation Plan (timeline):	Data will be collected annually by the program coordinator using a bi-annual cohort-based cycle starting at the end of Year 2
Key/Responsible Personnel:	Program Chair and Program Coordinator will analyze the data

Develop and integrate scientific knowledge necessary for success in the field of their choice

Outcome: Demonstrate competency in the professional elective courses for the A.S. degree

Measure: Professional Elective Science/Math Courses

Course level Indirect - Other

Details/Description:	Sophomore level professional elective science/math courses within the Biochemistry, Biology, Biomedical Sciences, Chemistry and Environmental Sciences disciplines (final course grades)
Acceptable Benchmark:	80% of students will receive final grades of C or better in the professional elective courses
Implementation Plan (timeline):	Data will be collected annually by the program coordinator using a bi-annual cohort-based cycle starting at the end of Year 2.
Key/Responsible Personnel:	Program Chair and Program Coordinator will analyze the data

Provide an effective pathway to qualified deaf and hard-of-hearing students for admission into RIT baccalaureate programs or scientific care

Outcome: Acquire foundational applied scientific knowledge for academic and career success

Measure: Annual graduation rates for AS Applied Science Degree (NTID Institutional Research Office)

Details/Description:	
Acceptable Benchmark:	50% of AS Applied Science students will graduate annually
Implementation Plan (timeline):	Data collected annually by program coordinator using a bi-annual cohort-based cycle starting at the end of Year 2
Key/Responsible Personnel:	Program Chair and Program Coordinator will analyze the data

Measure: COS and CHST program acceptance rates (RIT Admissions)

Details/Description:	
Acceptable Benchmark:	50% of graduates are accepted into a COS/CHST B.S. program or obtain employment in a scientific field
Implementation Plan (timeline):	Data collected annually by program coordinator using a bi-annual cohort-based cycle starting at the end of Year 2
Key/Responsible Personnel:	Program Chair and Program Coordinator will analyze the data

Measure: Job/Placement (NTID Center for Employment)

Details/Description:	
Acceptable Benchmark:	50% of graduates are accepted into a COS/CHST B.S. program or obtain employment in a scientific field
Implementation Plan (timeline):	Data collected annually by program coordinator using a bi-annual cohort-based cycle starting at the end of Year 2
Key/Responsible Personnel:	Program Chair and Program Coordinator will analyze the data

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