

### Mission Statement

#### Mission Statement

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

Key/Responsible  
Personnel:

starting at the end of Year 2

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

Last Modified: 10/06/2021 11:18:03 AM EDT