2019-2020 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

Mobile Application Development AAS Program Outcome Set
 Create effective software solutions

Outcome: Analyze real world problems and efficiently code solutions

▼ **Measure:** Mobile Application Development Capstone Projects Course [NMAD-290]
Course level Direct - Student Artifact

Details/Description:	Comprehensive
Acceptable Benchmark:	80% of students will score a 2 or higher with a rubric scale 0-3 on project sections related to being able to correctly and efficiently code a solution.

Implementation Plan (timeline):	Each semester the NMAD-290 Mobile Application Development Capstone Projects course is offered. Collected by ICS Dept. Assessment Coordinator
Key/Responsible Personnel:	ICS Dept. Assessment Coordinator

Measure: Programming Fundamentals II: Mobile Domain [NMAD-181] - Final Hands-on Exam
Course level Direct - Exam

Details/Description:	Final Hands-on Exam
Acceptable Benchmark:	80% of students will score a 75% or higher on exam.
Implementation Plan (timeline):	Each semester the NMAD-181 Programming Fundamentals II: Mobile Domain course is offered. Collected by ICS Dept. Assessment Coordinator.
Key/Responsible Personnel:	ICS Dept. Assessment Coordinator

Measure: Programming Fundamentals II: Mobile Domain [NMAD-181] - UML Diagram - Code a Solution
Course level Direct - Student Artifact

Details/Description:	Real world problem analysis - UML Diagram
Acceptable Benchmark:	Given a UML diagram, 80% of the students will score a 75% or higher in being able to correctly and efficiently code a solution.
Implementation Plan (timeline):	Each semester the NMAD-181 Programming Fundamentals II: Mobile Domain course is offered. Collected by ICS Dept. Assessment Coordinator.
Key/Responsible Personnel:	ICS Dept. Assessment Coordinator

Measure: Software Analysis and Design [NMAD-182] - UML Diagram
Course level Direct - Student Artifact

Details/Description:	Real world problem analysis - UML Diagram
Acceptable Benchmark:	80% of the students will score a 75% or higher on creating a UML Diagram that accurately represents a given problem.
Implementation Plan (timeline):	Each semester the NMAD-182 Software Analysis and Design course is offered. Collected by ICS Dept. Assessment Coordinator.
Key/Responsible Personnel:	ICS Dept. Assessment Coordinator

Create effective and user-friendly mobile interfaces

Outcome: Design, refine and finalize a functional and user-friendly cross-platform user interface

▼ **Measure:** Mobile Application Development Capstone Projects Course [NMAD-290]
Course level Direct - Student Artifact

Details/Description:	Project TBD
Acceptable Benchmark:	80% of students will score a 2 or higher with a rubric scale 0-3 on the NMAD-290 Project
Implementation Plan (timeline):	Each semester the NMAD-290 Mobile Application Development Capstone Projects course is offered. Collected by ICS Dept. Assessment Coordinator
Key/Responsible Personnel:	ICS Dept. Assessment Coordinator

Publish applications across multiple platforms

Outcome: Create and test mobile applications for two or more platforms

▼ **Measure:** Mobile App Development II [NMAD-261]
Course level Direct - Other

Details/Description:	Final Exam or instructor evaluation (Project TBD)
Acceptable Benchmark:	80% of the students will score a 75% or higher on the NMAD-261 Final Exam or Project (TBD)
Implementation Plan (timeline):	Each semester the NMAD-261 Mobile App Development II course is offered Collected by ICS Dept. Assessment Coordinator
Key/Responsible Personnel:	ICS Dept. Assessment Coordinator

▼ **Measure:** Mobile Application Development Capstone Projects Course [NMAD-290]
Course level Direct - Student Artifact

Details/Description: Acceptable Benchmark:	80% of students will score a 2 or higher with a rubric scale 0-3 on each section of the Capstone Project(s)
Implementation Plan (timeline):	Each semester the NMAD-290 Mobile Application Development Capstone Projects course is offered. Collected by ICS Dept. Assessment Coordinator.
Key/Responsible Personnel:	ICS Dept. Assessment Coordinator

Utilize effective professional communication and collaboration skills

Outcome: Demonstrate effective verbal and written communication skills

Measure: Mobile App Development II [NMAD-261]
Other level Indirect - Other

Details/Description:	Team Project
Acceptable Benchmark:	100% of the students will demonstrate effective interpersonal and communication skills on the team project rubric (peer and faculty evaluations)
Implementation Plan (timeline):	Each Semester NMAD-261 Mobile App Development II is offered. Collected by ICS Dept. Assessment Coordinator.
Key/Responsible Personnel:	ICS Dept. Assessment Coordinator

Outcome: Work effectively as a member of a team

Measure: Mobile Application Development Capstone Projects Course [NMAD-290]
Course level Direct - Other

Details/Description:	
Acceptable Benchmark:	100% of students will score a 2 or higher with a rubric scale 0-3 on project section sections related to interpersonal and communication skills
Implementation Plan (timeline):	Each semester the NMAD-290 Mobile Application Development Capstone Projects course is offered. Collected by ICS Dept. Assessment Coordinator.
Key/Responsible Personnel:	ICS Dept. Assessment Coordinator

Indicate overall satisfaction with the program and courses

Outcome: Synthesize educational experience to determine level of satisfaction

▼ **Measure:** Student Satisfaction Survey
Program level Indirect - Survey

Details/Description:	Student satisfaction survey instrument. When the survey instrument is developed, indicate specific survey items that you will use for assessment of this outcome.
Acceptable Benchmark:	85% of students graduating will indicate "satisfaction" with Mobile Application Development courses and the program on the Student satisfaction survey instrument.
Implementation Plan (timeline):	Collection: Annually at the end of the fall semester beginning AY 2019/2020
Key/Responsible Personnel:	ICS Dept. Assessment Coordinator

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