Program Level Outcomes Assessment Plan

Program Name/College: ___Applied Mechanical Technology (AMT) / National Technical Institute for the Deaf (NTID)___

College Contact for Program Assessment: ___James Fugate (Program Assessment Coordinator) & Dino Laury (Department Chair)___

Program Goals	Student Learning Outcomes	Academic Program Profile	Data Source/Measure Curriculum Mapping	Benchmark	Timeline	Data Analysis Key Findings	Use of Results Action Items and Dissemination
Develop knowledge of traditional manufacturing techniques and how they relate to basic engineering concepts	Demonstrate competency in design and manufacturing of mechanical components	☒ Critical Thinking ☐ Ethical Reasoning ☐ Integrative Literacies ☒ Global Interconnectedness ☒ Creative/Innovative Thinking	Mechanical Design & Fab (NETS-150) and Lab (NETS-151) Graded assignment	75% of students will achieve a grade of C or better on written test and final project	Collection: annually at end of fall semester beginning AY 2013/2014	Data collected by Assessment Coordinator	Shared with program faculty, annual college summary report, NTID Annual Report, and RIT requested reports
Preparation for entry to CAST manufacturing and mechanical engineering technology programs	Demonstrate competency in core technical courses needed to meet admissions requirements into CAST manufacturing and mechanical engineering technology programs	☒ Critical Thinking ☒ Ethical Reasoning ☒ Integrative Literacies ☐ Global Interconnectedness ☒ Creative/Innovative Thinking	Fundamentals of Engr. (NETS-101) Foundations of Mat'l (NETS-110) Foundations of Mat'l Lab (NETS-111) Manufacturing Process (NETS-120) Mechanical Design & Fab (NETS-150) and Lab Mechanical Design &Fab (NETS-151) Course grades and Change of Program form	75% of students completing the AMT degree will achieve a grade of C or better in all four core courses and be accepted into CAST mechanical or manufacturing engineering technology programs	Collection: annually at end of spring semester beginning AY 2013/2014	Data collected by Assessment Coordinator	Shared with program faculty, annual college summary report, NTID Annual Report, and RIT requested reports
Success in course work required in CAST mechanical or manufacturing engineering technology programs	Demonstrate competency in analysis and design of structures and machine components	☒ Critical Thinking ☐ Ethical Reasoning ☐ Integrative Literacies ☒ Global Interconnectedness ☐ Creative/Innovative Thinking	Strength of Materials MCET-221 Course grade	75% of students will achieve a grade of C or better	Collection: annually at end of spring semester beginning AY 2014/2015	Data collected by Assessment Coordinator	Shared with program faculty, annual college summary report, NTID Annual Report, and RIT requested reports

Success in CAST BS mechanical or manufacturing engineering technology programs	Earn BS degree in CAST mechanical or manufacturing engineering technology	☐ Critical Thinking ☐ Ethical Reasoning ☐ Integrative Literacies ☐ Global Interconnectedness ☐ Creative/Innovative Thinking	Graduation Rates	For AMT graduates who transfer to a CAST engineering program, retention and graduation rates will not be significantly different than those of other transfer students	Collection: annually at end of spring semester beginning AY 2016/2017	Data collected by Assessment Coordinator	Shared with program faculty, annual college summary report, NTID Annual Report, and RIT requested reports
Achieve student satisfaction with AMT courses and program	Graduates of the AMT program will indicate satisfaction with courses and program	☐ Critical Thinking ☐ Ethical Reasoning ☐ Integrative Literacies ☐ Global Interconnectedness ☐ Creative/Innovative Thinking	Student satisfaction survey instrument	75% of students graduating will indicate "satisfaction" with AMT courses and the program on the Student Satisfaction Survey Instrument.	Collection: annually at end of spring semester beginning AY 2014/2015	Data collected by Assessment Coordinator	Shared with program faculty, annual college summary report, NTID Annual Report, and RIT requested reports