# Program: NUGeoTec Logic Model

# Situation: Plan for developing a two-tiered geospatial education program for northern Utah

Status as of: September 28, 2016 **GREEN TEXT – objectives completed** **ORANGE TEXT – not applicable**

GST – Geospatial Technologies GA – Geospatial Analysis **BLACK TEXT** – objectives to complete **BLUE TEXT – in progress**

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| **Inputs** |  | **Outputs** | |  | Outcomes -- Impact | | | |
|  | *Activities* | *Deliverables* |  | Short | Medium | Long | |
| FUNDING: Hardware / Software / Facilities  VISIONARIES  (PI & co-PI)  ENABLER (Administrators)  GEOSPATIAL ADVISORY BOARD (University faculty, CTE, staff & government/industry professionals)  IT STAFF  CURRICULUM COMMITTEES  MENTORS (GeoTEd & GeoTech Center staff) |  | ORGANIZE/CONVENE  Geospatial Advisory Board  Complete NEEDS ASSESSMENT  Complete RESOURCE ASSESSMENT  Create GOALS, OBJECTIVES, MILESTONES  Create IMPLEMENTATION PLAN  Develop CURRICULUM  Create & Analyze MARKETING and OUTREACH for program  Identify FUNDING SOURCES  Establish ARTICULATION agreements with SLCC / UVU?? | HARDWARE / SOFTWARE / FACILITIES Plan  PLANNING PHASE Document (Needs/Resources)  GOALS, OBJECTIVES, MILESTONES Document  IMPLEMENTATION PLAN Document  PROGRAM CURRICULUM Packet  PROGRAM OUTREACH PLAN Document  FUNDING SOURCES PLAN Document  OUTREACH PLAN Document |  | Active GEOSPATIAL ADVISORY BOARD  PLANNING PHASE Document (Needs/Resources) Completed  CURRICULUM approved by College & University committees  GEOSPATIAL LAB operational (IT support)  IMPLEMENTATION PLAN Approved  CAMPUS AWARENESS of NUGeoTec program  Updates to GA CERTIFICATE & GA MINOR Approved by Curriculum Committees  SUSTAINABILITY PLAN in Development (including identifying funding sources) | New Members added to GEOSPATIAL ADVISORY BOARD  New GST certificate & GST AAS degrees Approved  FACILITIES MANAGEMENT using Geospatial Technologies  ADMINISTRATION incorporating Geospatial Technologies into operations  Student INTERNS being hired into GOV’T/INDUSTRY  ARTICULATION AGREEMENT with SLCC in place  FUNDING awarded to sustain NUGeoTec | | GEOSPATIAL COMPONENT incorporated into multiple disciplines  GEOSPATIAL COMPONENT routinely used in campus operations (FM, Admin)  STUDENTS can transfer coursework |

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| **Assumptions** |  | **External Factors** |
| Full institutional support for NUGeoTec (co-sponsored support for resources, marketing in the community) | Number of student internships created by industry/government partners  Growth in the Northern Utah market for geospatial professionals |

Modified from Johnson, Ann B and Lewis, Chris. Starting a New Program. GeoTech Center. [Online] October 14, 2010. [Cited: October 16, 2012.]

<http://www.geotechcenter.org/uploads/2/4/8/8/24886299/developing_programs_competepaper_final_jan11_2013.pdf>