Academic Program Assessment Plan – AAS Information Technology

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| **Division/****Department** |  MATH, SCIENCE AND PRE-ENGINEERINGDept of IT | **Degree/Type** | **AAS** | **Date Submitted** | April 7, 2017 |
| **UNM Essential Learning Goals** |
| UNM has established the following essential learning goals for all UNM students: University of New Mexico students will develop the following aptitudes and habits of mind in the course of their general and major study at UNM* KNOWLEDGE of human cultures and the natural world, gained through study in the sciences and mathematics, social sciences, humanities, histories, languages and the arts.
* SKILLS, both intellectual and applied, demonstrated in written and oral communication, inquiry and analysis, critical and creative thinking, quantitative literacy, information literacy, performance, teamwork and problem solving.
* RESPONSIBILITY, both personal and social, that will be manifested in civic knowledge and engagement, multicultural knowledge and competence, ethical reasoning and action, and foundations and skills for lifelong learning.
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| **Contact Person (name, title, email)** | Irina Alvestad, Division Head of Math, Science, and Pre-Engineering irina@unm.edu  | Date reviewed by CARC |  April 10, 2017 |
| **Assessment Cycle (1-year/2-year/3-year)** |  2 year program—assessed yearly |
| **Program Goal #1** | **Graduates have a broad understanding of information technology principles and risks.** |
| **Student Learning Outcomes****(In each row enter an SLO targeted at this Program Goal)** | **Year of cycle in which this outcome will be assessed.** | **UNM Essential Learning Goal (Knowledge, Skills, Responsibility)** | **Assessment Measure including Direct/ Indirect (Provide a description of the assessment instrument used; include the course AND if it was direct or indirect)** | **Performance Benchmark (State the ‘criteria for success’ or performance target for meeting the SLO, i.e., at least 70% of students will perform with score of 70 or better)** |
| **Student Learning Outcome** | **Year of Cycle** | **UNM Essential Learning Goal** | **Assessment Measure** | **Performance Benchmark** |
| Demonstrate an understanding of introductory networking concepts and techniques.  | Year 1 Course(offered yearly) | KnowledgeSkills | Course: **IT 119: Networking Core Concepts**Direct Assessment:Specific questions on the Final Exam will be used to assess UNM-LA IT Department SLOs.Faculty members will submit a summary and detailed report for each of these measures.  | Performance Target: At least 75% of the students will Meet Expectations for each SLO. |
| Students will develop and practice the skills to assist others with computer related questions and working a help desk. | Year 1 course(0ffered yearly) |  | Course: **IT 141: Technical Support**Direct Assessment:1. Specific questions on the Final Exam will be used to assess UNM-LA IT Department SLOs.
2. Specific tasks manning a help desk assisting users will be assessed using a course rubric that evaluates UNM-LA IT Department SLOs.

Faculty members will submit a summary and detailed report for each of these measures.  | Performance Target: At least 70% of the students will perform with a score of 70 or higher. |
| Students will install and deploy operating systems to support an organization’s IT infrastructure.  | Year 2 course (offered yearly) | Skills | Course: **IT 130: Microcomputer Operating Systems**Direct Assessment:Specific questions on the Final Exam will be used to assess UNM-LA IT Department SLOs.Faculty members will submit a summary and detailed report for each of these measures.  | Performance Target: At least 70% of the students will perform with a score of 70 or higher. |
| Students will learn and perform step-by-step approach used in computer/network attacks. | Year 2 course (Offered yearly) | KnowledgeSkillsResponsibility | Course: **IT 260: Information Assurance and Security**Direct Assessment:Specific questions on the Final Exam will be used to assess UNM-LA IT Department SLOs.Faculty members will submit a summary and detailed report for each of these measures.  | Performance Target: At least 70% of the students will perform with a score of 70 or higher. |
| Students will analyze and solve systems protection and practice the foundations of how to respond to incidents  | Year 2 course (Offered yearly | KnowledgeSkillsResponsibility | Course: **IT 265: Forensics and Incident Response**Direct Assessment:Specific questions on the Final Exam will be used to assess UNM-LA IT Department SLOs.Faculty members will submit a summary and detailed report for each of these measures.  | Performance Target: At least 70% of the students will perform with a score of 70 or higher. |