**Assessment Date:**  _____Feb 18, 2014______________________

**Faculty Name(s):**  _______Danijela Bedic Babic____________________________________________

1. **Course Name and Number:**

   CNET-156A – Currently known as “LAN Switching and Wireless” will be “Scaling Networks” in the fall of 2014.

2. **All Course SLOs from the Course Outline of Record:**

   1. Configure and troubleshoot DHCP and DNS operations for IPv4 and IPv6
   2. Describe the operations and benefits of the Spanning Tree Protocol (STP)
   3. Describe the operations and benefits of link aggregation and Cisco VLAN Trunk Protocol (VTP)
   4. Configure and troubleshoot basic operations of routers in a complex routed network for IPv4 and IPv6
   5. Configure and troubleshoot advanced operations of routers and implement RIP, OSPF, and EIGRP routing protocols for IPv4 and IPv6
   6. Manage Cisco IOS® Software licensing and configuration files

3. **Specific Course SLO(s) assessed as part of this project:**

   All six SLOs

4. **Will this SLO assessment count toward GE Plan A?**  ____Yes  X_ No

   If Yes, identify what area:  __Area I Natural Sciences  __Area II Social and Behavioral Sciences  __Area III Fine Arts/Humanities  __Area IV Language and Rationality  __Area V Physical Education/Wellness  __Area VI Intercultural/International Studies

   Identify GE SLO(s) assessed as part of this project (see Catalog pages 49-51):

   N/A

5. **Assessment strategy or tool used in the assessment.** (Describe below, and if applicable copy/paste any additional related documents at end of this form (i.e. Rubric, score sheet, test questions, essay assignment, etc.)

   Final hands-on Skills-based Assessment (SBA) and Final Objective Exam.
NOTE: This will usually consist of things you are already using to evaluate student work, i.e. Final Exam questions, Final Essay, Final Presentation or Culminating Project, other Assignments, Portfolio Evaluation, Performance Assessment, Department Testing, Pre and Post Tests, Vendor or Industry Certification Examinations, Indirect Assessments (Student Surveys, Focus Group Discussions, Interviews), etc.

6. Specific aspects of the assessment tool which link up to specific Course SLOs being assessed (i.e. Which specific test questions measured which Course SLOs? Note: May describe with #4 above.):

Final exam and SBA test each of the six course SLOs.

7. Results and analysis of the data. (Explain below and if applicable copy/paste any related documents, i.e. spreadsheets with data, at the end of this document.)

There were 36 students initially registered for the course. 13 students dropped. Out of 23 students in the class: 13 received “A” grade, 3 received “B” grade, no “C” grade, 1 received “D” grade and 6 received “F” grade. We have been typically seeing the “Well-Curve” distribution of grades (instead of “Bell Curve”) in our courses. In general, students that fail have not been doing classwork and have not completed final nor skills based assessment. Those students, who are submitting lab work and working on chapter exams through the course, typically do well on the finals.

8. Describe any faculty dialogue that occurred as part of the assessment process (i.e. Were results shared at a department meeting? Was there discussion about changing any SLOs? Etc.):

CNET 155A, 155B, 156A and 156B courses are part of worldwide Cisco Networking Academy program. CNET department is leader Cisco Academy; we provide support and training for about 150 Cisco Academies in California, Nevada and Arizona. We have frequent dialogue with colleagues from Santa Rosa Junior College, Mission College, Foothill College, San Francisco City College and Cabrillo College since they are teaching same courses.

9. Next steps (i.e. any planned revisions to curriculum or teaching strategies to promote student success, future assessment plans, etc.):

Curriculum will be undergoing some content changes and we are currently discussing whether we should make it a full semester course, instead of half semester. Drawback is that it will take two years to complete CNET-155A, 155B, 156A and 156B which prepare students for Cisco Certified Network Associate (CCNA) industry certificate which may be too long.

10. Results of implemented changes, if available at this time:

Not available at this time.
Please save your finished document in the following format. (Date should be for the semester in which data was collected; same date should be listed at top of this form.)

yyyysemester-sloa-coureseid.doc
example: 2013fall-sloa-engl101c.doc