

# Assessment: Course Four Column



## Courses (CT) - CSCO

### CSCO 120:CCNA Internetworking Fundamentals

Course Outcomes	Assessment Measures	Results	Actions
<p><b>OSI and TCP/IP models and their associated protocols and applications</b> - Students will be able to use the OSI and TCP/IP models and their associated protocols and applications to explain how data flows in a network.</p> <p><b>Course Outcome Status:</b> Active</p> <p><b>Next Assessment:</b> 2023-2024</p>	<p><b>Discussion</b> - Discussion - Assignments</p> <p>Quizzes</p> <p>Discussions</p> <p>Labs</p> <p><b>Criterion:</b> Assignment Average 80</p> <p>Labs Average 75</p> <p>Discussion Average 78</p> <p>Quiz Average 81</p>	<p><b>Reporting Period:</b> 2017-2018</p> <p><b>Criterion Met:</b> Yes</p> <p>11 A</p> <p>3 A-</p> <p>3 B+</p> <p>2 B</p> <p>0 B-</p> <p>13 C</p> <p>1 AD</p> <p>0 F</p> <p>8 W</p> <p>Results Analysis: The class started in January 2018 at 41 students enrolled. Later 8 students withdrawn due to conflict with work schedule or lack of basic technological knowledge to continue. This class composed of students from very varied academic background, ranging from beginners to Master Degree of Mechanical Engineering. (10/18/2018)</p>	<p><b>Action:</b> I started to provide students with the basic knowledge of networking, incorporating lots of videos for them to watch, hands on labs, providing them with optional lab-meetings/help-sessions to solve them problems; in addition to the NetLab, a remote lab provided by the funding of Barrick Company. (10/18/2018)</p>
<p><b>IP addressing to design and implement an IP addressing plan to meet the needs of a Small Office/Home Office</b> - Students will be able to apply their knowledge of IP addressing to design and implement an IP addressing plan to meet the needs of a Small Office/Home Office (SOHO) LAN. Students will be able to</p>	<p><b>Discussion</b> - Criterion for achievement:</p> <p>Discussion - Assignments</p> <p>Quizzes</p> <p>Discussions</p> <p>Labs</p> <p><b>Criterion:</b> Assignment Average 80</p> <p>Labs Average 75</p> <p>Discussion Average 78</p>	<p><b>Reporting Period:</b> 2017-2018</p> <p><b>Criterion Met:</b> Yes</p> <p>11 A</p> <p>3 A-</p> <p>3 B+</p> <p>2 B</p> <p>0 B-</p> <p>13 C</p> <p>1 AD</p>	<p><b>Action:</b> I started providing students with knowledge of the Binary system, the IP Addressing Format, the Concept of grouping IPs into Subnets.</p> <p>Later I lead them to understand the concept and value of sub-netting, sub-netting usage in</p>

<i>Course Outcomes</i>	<i>Assessment Measures</i>	<i>Results</i>	<i>Actions</i>
perform basic configurations of network devices.  Learner Outcome Measurements Measurement Method      Learner Outcomes Class Discussions    1, 2 Hands-on Labs      1, 2 Written and Skills examinations 1, 2 <b>Course Outcome Status:</b> Active <b>Next Assessment:</b> 2023-2024	Quiz Average 81	0 F 8 W (10/18/2018)	terms of organizing an organization/company and the concept of fire-walls to restrict and permit usage of resources by different departments/groups in the organization.  An example of Small Office/Home Office (SOHO) LAN configuration and implementation was demonstrated and students later students be able to setup one of their own. (10/18/2018)