COURSE TITLE & NUMBER:  ITNS 1500: i-Net+
CREDITS:  3 (Lec 3/Lab 0)
PREREQUISITES:  CSCI 1350: Using and Understanding the Internet or a working knowledge of a web browser.

CATALOG DESCRIPTION:
i-Net+ covers Internet basics, Internet clients, development, networking, security, and business concepts. i-Net+ emphasizes vendor-neutral TCP/IP concepts.

OUTLINE OF MAJOR CONTENT AREAS:
1. Networking Basics
2. Internet Basics
3. Protocols
4. Servers and Their Functions
5. Internet Clients
6. Client Configuration and Use
7. Internet Security
8. Internet Development
9. Internet Design
10. Internet Troubleshooting
11. Business Concepts

COURSE GOALS/OBJECTIVES/OUTCOMES:
1. Students will identify the issues that affect Internet site functionality (e.g., performance, security and reliability).
2. Students will describe the advantages and disadvantages of using a cookie and how to set cookies.
3. Students will describe the differences between popular client-side and server-side programming languages.
4. Students will demonstrate the ability to create HTML pages.
5. Students will identify problems with Internet connectivity from source to destination for various types of servers.
6. Students will describe when to use various diagnostic tools for identifying and resolving Internet problems.
7. Students will define the following Internet security concept: access control, encryption, auditing and authentication.
8. Students will describe VPN and what it does.
9. Students will describe various types of suspicious activities.
10. Students will explain the issues involved in copyrighting, trade marking, and licensing.

**STUDENT CONTRIBUTIONS:**
The student will attend regularly, participate in class discussions and spend sufficient time in the classroom and lab to complete all assignments and/or exams on a timely basis.

**HIBBING COMMUNITY COLLEGE COMPETENCIES MET:**
Working Productively and Cooperatively

**METHODS FOR EVALUATING STUDENT LEARNING:**
Written exams, quizzes, outside assignments, and attendance are translated into points earned. Letter grades A-F based on points earned throughout the semester.

**AASC APPROVAL DATE:** November 15, 2017
**REVIEW DATE:** November 2022