

**Hagerstown Community College**  
**OFFICIAL MASTER SYLLABUS DOCUMENT**

**COURSE:** INT 105 - Plumbing & Pipefitting - 3.00 Credits

**INSTRUCTOR:**

**SPRING/ 2018**

**COURSE DESCRIPTION:** This course is a practical study of plumbing and pipefitting fundamentals as well as the classification and functions of boilers, steam, and hot water heating systems.

**TEXT BOOK:** National Center for Construction Education and Research (NCCER) Plumbing Level One (2005) edition

**STUDENT LEARNING OUTCOMES:**

1. Identify basic tools and materials of the plumbing trade.
2. Develop safe and effective application skills from cognitive learning.
3. Demonstrate effective fabrication of materials in the plumbing profession.
4. Demonstrate effective installation of common plumbing fixtures.
5. Describe the key plumbing trade terms and definitions.
6. Assess basic plumbing trouble shooting skills.

**TOTAL HOURS OF COURSE WORK:**

- To earn academic credit at HCC, students are required to complete a minimum of 37.5 clock hours (45-Fifty minute “academic” hours) of course work per semester. Those hours of coursework may be completed through a combination of hours within the classroom. Certain courses may require more than 37.5 minimum hours of coursework per credit.

Assignment/Assessment	Clock Hours
In-class Instruction	45
Textbook Chapter Readings	15 hours
Study of Manuals for Hands-on Activities	15 hours
Chapter Review Questions and Answers	15 hours
Research Assignments	15 hours
Exam Preparation	20 hours
	<b>Total hours=125 hours</b>

**Services for Students with Disabilities:** Students may receive reasonable accommodations if they have a diagnosed disability and present appropriate documentation. Students seeking accommodations are required to contact the Disability Support Services (DSS) office as early as possible. Students may contact a DSS staff member for an appointment at [dds@hagerstowncc.edu](mailto:dds@hagerstowncc.edu) or at 240-500-2530