



## Course Number and Title: ITN 101 Introduction to Information Technology (IT)

**Campus Location:**

Georgetown, Dover, Stanton, Wilmington

**Effective Date:**

2020-51

**Prerequisite:**

ENG 090 or ENG 091 or concurrent, SSC 100 or concurrent

**Co-Requisites:**

None

**Course Credits and Hours:**

3.00 credits

3.00 lecture hours/week

0.00 lab hours/week

**Course Description:**

This course provides students with the breadth and depth of the information technology (IT) field and introduces basic computer concepts in hardware, software, networking, computer ethics, programming, and algorithms. Students explore emerging technologies and various career opportunities within the IT field.

**Required Text(s):**

Obtain current textbook information by viewing the [campus bookstore - https://www.dtcc.edu/bookstores](https://www.dtcc.edu/bookstores) online or visit a campus bookstore. Check your course schedule for the course number and section.

**Additional Materials:**

Access to high-speed Internet

**Schedule Type:**

Classroom Course

Video Conferencing

Web Conferencing

Hybrid Course

Online Course

**Disclaimer:**

None

**Core Course Performance Objectives (CCPOs):**

1. Explore concepts within the IT field. (CCC 2, 5; PGC 1, 2, 5)
2. Discuss and use basic computer concepts. (CCC 1, 2, 6; PGC 1, 2)
3. Examine emerging technologies and their impact on the IT field. (CCC 1, 2,5; PGC 5)

See Core Curriculum Competencies and Program Graduate Competencies at the end of the syllabus. CCPOs are linked to every competency they develop.

**Measurable Performance Objectives (MPOs):**

Upon completion of this course, the student will:

1. Explore concepts within the IT field.
  1. Examine career opportunities within the IT field.
  2. Solve a problem using troubleshooting skills.
  3. Use information technology skills to discover critical technology resources.
2. Discuss and use basic computer concepts.
  1. Articulate basic computer ethics for a given scenario within the IT field.
  2. Use a basic algorithm to solve a problem.
  3. Use basic programming tools to build a basic web page.
  4. Explain the function and purpose of wired and wireless networks.
3. Examine emerging technologies and their impact on the IT field.
  1. Describe how the Internet of Things (IoT) relates to real-world applications.
  2. Explore emerging technologies and their application to the IT field, including, but not limited to: 3D printing, virtual reality (VR), drones, artificial intelligence (AI), augmented reality (AR), gaming, and machine learning.
  3. Identify trends in commerce and technology.

**Evaluation Criteria/Policies:**

Students must demonstrate proficiency on all CCPOs at a minimal 75 percent level to successfully complete the course. The grade will be determined using the Delaware Tech grading system:

92	-	100	=	A
83	-	91	=	B
75	-	82	=	C
0	-	74	=	F

Students should refer to the [Student Handbook - https://www.dtcc.edu/handbook](https://www.dtcc.edu/handbook) for information on the Academic Standing Policy, the Academic Integrity Policy, Student Rights and Responsibilities, and other policies relevant to their academic progress.

**Core Curriculum Competencies (CCCs are the competencies every graduate will develop):**

1. Apply clear and effective communication skills.
2. Use critical thinking to solve problems.
3. Collaborate to achieve a common goal.
4. Demonstrate professional and ethical conduct.
5. Use information literacy for effective vocational and/or academic research.
6. Apply quantitative reasoning and/or scientific inquiry to solve practical problems.

**Program Graduate Competencies (PGCs are the competencies every graduate will develop specific to his or her major):**

1. Solve technology-related problems using critical thinking and troubleshooting skills.
2. Articulate the role of the technology professional in organizations to support the ethical use of information technology.
3. Apply fundamental security concepts and strategies for maintaining and securing information technology.
4. Read and interpret technical information and effectively communicate to a wide range of audiences using oral, print, and multimedia strategies.
5. Demonstrate the importance of lifelong learning that empowers personal and professional growth.

**Disabilities Support Statement:**

The College is committed to providing reasonable accommodations for students with disabilities. Students are encouraged to schedule an appointment with the campus Disabilities Support Counselor to request an accommodation needed due to a disability. A listing of campus Disabilities Support Counselors and contact information can be found at the [disabilities services - https://www.dtcc.edu/disabilitysupport](https://www.dtcc.edu/disabilitysupport) web page or visit the campus Advising Center.