Course Number and Title: RES 150 Independent Study and Research I

Campus Location:
Georgetown, Dover, Stanton, Wilmington

Effective Date:
2021-51

Prerequisite:
ENG 090 or ENG 091 or EAP 093, MAT 010, instructor approval, SSC 100 or concurrent

Co-Requisites:
none

Course Credits and Hours:
1.00 credits
0.00 lecture hours/week
3.00 lab hours/week

Course Description:
In this course, students conduct research in their area of study with guidance from a faculty mentor. The mentor and student develop a plan and meet regularly to focus on developing proficiency in discipline-specific skills. Students submit a summary of their work at the end of the semester.

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

Additional Materials:
None

Schedule Type:
Classroom Course

Disclaimer:
None

Core Course Performance Objectives (CCPOs):

1. Utilize discipline-specific skills to conduct a research project. (CCC 2, 5, 6)
2. Develop strategies to access and read discipline-specific research literature. (CCC 2, 5)
3. Collect data in a manner appropriate to the discipline. (CCC 1, 2, 4, 6)
4. Report findings from investigation. (CCC 1, 2, 4, 5, 6)

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. Utilize discipline-specific skills to conduct a research project.
    1. Define a discipline-specific research question.
    2. Identify skills required to investigate research question.
    3. Conduct discipline-specific investigations safely and responsibly.
    4. Apply effective time management skills.
2. Develop strategies to access and read discipline-specific research literature.
    1. Develop effective search strategies to find information.
    2. Evaluate relevancy of information resources to investigation.
    3. Employ active reading strategies before, during, and after reading.
3. Collect data in a manner appropriate to the discipline.
    1. Evaluate data collection strategies.
    2. Use discipline specific computer tools, instrumentation, and procedures to generate data.
    3. Record data using discipline-specific formatting.
4. Report findings from investigation.
    1. Summarize research question and results in written format.
    2. Use discipline-specific terminology in discussions and written responses.
    3. Compare communication to discipline experts and to the public.
    4. Record references relevant to the investigation.

Evaluation Criteria/Policies:
The grade will be determined using the Delaware Tech grading system:

90	–	100	=	A
80	–	89	=	B
70	–	79	=	C
0	–	69	=	F

Students should refer to the Student 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):
None

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 web page or visit the campus Advising Center.