



Associate in Science in Environmental Studies

STUDENT DATA:

NAME: ROADMAP'S DEGREE

SSN: 000-00-0000

Credit Potential
Required Credit

English Composition I (ENGL 101) [EN024A]

3.00

(Prereq: 100, ACT score of 17 or higher, or test placement. Explores expository writing as a process. Students work through a series of papers with different goals, emphasizing focus, invention, organization, development, grammar, and style. College credit by examination may apply.)
{DANTES Code = 11.07.00}

English Composition II (ENGL 102) [EN025A]

3.00

(Prereq: C or better 101, ACT score of 23 or higher, or test placement. Continuation of 101, emphasizing style, the study and practice of argument, and development and use of formal research skills.)

Beginning College Algebra or Higher (MATH 102)

3.00

(Prereq: C or better 100, placement score for 102, or ACT score of 19 or higher. Introduces algebra as a natural extension of arithmetic. As each algebraic topic is introduced, its relationship to arithmetic or to a previous algebraic topic is shown. Exponents, basic geometry, and measurements are also introduced.)
{DANTES Code = 14.01.00}

Humanities / Fine Arts Electives

3.00

(College credit by examination may apply. Visit the MSU website for a description of these courses.)
{DANTES Code = 08.06.00 or most 08.XX.XX series}

Computer Proficiency Electives

3.00

(College credit by examination may apply. Visit the MSU website for a description of courses available.)

Intro to Speech Communication or Tech Writing (COMM 204, ENGL 220) [EN032A,CM001A]

3.00

(College credit by examination may apply. Visit the MSU website for a description of these courses.)
{DANTES Code = 04.06.02 or 04.10.00}

Natural Science or Social Science Elective

3.00

(College credit by examination may apply. Visit the MSU website for a description of these courses.)
{DANTES Code = 16.13.00 or 16.99.00 or most 16.XX.XX series or 20.XX.XX}

series or most 20.09.XX or 20.10.XX series}

College Chemistry I (CHEM 211) 3.00

(Prereq: HS chemistry, or 100 and MATH 112, or MATH 120 placement. Coreq: 211L. Basic laws and theories of chemistry and their applications, periodic classifications of the elements with their chemical and physical properties, atomic and molecular structure, chemical bonding, nomenclature, the structure of compounds, stoichiometry, liquids and solids, and solutions. College credit by examination may apply.)
{DANTES Code = 16.05.00}

College Chemistry I Lab (CHEM 211L) 1.00

(Coreq: 211. Basic laboratory techniques, equipment used in the chemistry laboratory, and the importance of accurate measurement in a chemistry laboratory. Lab experience conducted through a variety of methods that may include CD-ROM.)

Introduction to Hazardous Materials (ENVR 106) 3.00

(An introduction to hazardous materials, their recognition, and the classes of chemicals and their toxic properties. Study of workplace, home, and recreational exposures to hazardous materials and the safety precautions that are to be taken when they have been identified. Also listed as FIRE 104.)

Chemistry of Hazardous Materials (ENVR 207) 3.00

(Prereq: C or better CHEM 211 and 211L, or HS chemistry and perm. Study of exposure to chemicals in the environment and the mechanisms by which they interact with plants, animals, air, water, and humans. Recognition of toxic properties of chemicals; emphasis on chemicals that are essential to life. Includes detailed procedures on how to recognize hazardous materials, as well as study of safe storage, transfer, and transport of hazardous chemicals. Also listed as FIRE 201.)

OSHA Regulations (ENVR 210) 3.00

(A study of OSHA health and safety regulations and of hazards that may occur in the workplace and environment. Study and comparison of general industry and construction regulations. Other topics include general safety, personal protection, fire protection, electricity, explosives, hand tools, welding, and toxic materials.)
{DANTES Code = 18.19.08 or 09.14.05}

Respiratory Personal Protection (ENVR 245) 3.00

(Study of the different types of personal protection available for those who may come into contact with hazardous materials. Instruction in selecting the proper personal protection for exposure to different forms of toxic materials.)

Toxicology (ENVR 300) 3.00

(An in-depth study of the poisonous effects of hazardous chemicals. Includes different classes and properties of toxic chemicals and their effects on different target organs of the body. Also covers toxicological terms used in MSDSs, such as mg/kg, LC50, and dose response.)

Industrial Hygiene (ENVR 315) **3.00**
 (An in-depth study of the anticipation, recognition, evaluation, and control of stresses and hazards arising in or from the workplace that may cause sickness, impaired health and well-being, or significant discomfort Recognition of stresses in the form of such chemical hazards as dusts, fumes, gases, vapors, or mists, or physical hazards including noise, radiation, temperature extremes, vibration, and pressure. hands-on training with industrial hygiene instrumentation.)

Environmental Occupation Health and Safety (ENVR 301) [ET069A] **3.00**
 (Provides the technical information vital to environmentalists who are responsible for the health and safety of workers. OSHA regulations and their applications are used to recognize, evaluate, and control health and safety hazards that could cause an injury or fatality in the workplace.)
 {DANTES Code = 18.19.08 or 09.14.05}

Environmental Electives **6.00**
 (Visit the MSU website for a description of courses available.)

Free Electives **15.00**
 (College credit by examination may apply.)

Excess Duplicate Credit

TOTAL **67.00** **0.00**

Thank you for requesting support from the U.S. Coast Guard Institute (CGI). Whereas we serve as an activity in support of your unit Educational Services Officer (ESO), you are encouraged to seek assistance from your local ESO in your academic endeavors. The following information is provided to help you understand what is presented in this degree plan:

This document is an UNOFFICIAL Degree Plan to provide you with a preliminary assessment of how your prior learning experiences might fit into the specified degree program for this academic institution. If you choose to pursue this degree option, you must present it to a college representative, who will review it for the following:

- o Accurate representation of the college's degree program requirements, including course numbers and titles, credit hours for each course, lower- and upper-level course requirements, and the total number of credits needed for the degree.
- o Appropriate assignment of ACE Guide-recommended credit at the lower or upper level for military service schools and occupations, CLEP, DSST, and other tests, transfer credit for courses from other colleges and universities, certification programs, etc.
- o Appropriate assignment of SOC Course Category Codes from the SOC Handbook Transferability Tables. The SOC Degree Program Handbooks can be obtained from the SOC web site at: www.soc.aascu.org should you wish to learn more about the course transfer guarantees among SOC network institutions.

IMPORTANT NOTE: When you are ready to seek admission into this degree program,

please contact the USCG Institute at 1-405-954-7241. Your advisor will send the college or university an official U.S. Coast Guard Institute transcript, a copy of the degree plan, and a ready-for-signature SOC Student Agreement which, when signed by a college official, becomes a contract for degree completion committing the college or university to supporting you in your academic endeavors.

Credit for all courses you have taken must be reflected on official transcripts sent directly to this college from the administrative offices of the colleges you previously attended. This degree plan is often used for information purposes by college counselors pending receipt of the official transcripts from the source colleges.

This degree plan is not intended to compete with your local college or university. Keep in mind, you are allowed to transfer in a significant amount of the degree requirements to this institution. As such, credit from local colleges, college level examination programs, or advanced military training may be applied to this degree. You may also complete the courses necessary from this college either in residence (on campus or possibly on a military base at a campus extension in the Education Center) or through distance delivery of the courses. If you have questions, please contact the college counselor or your advisor listed at the bottom of this Degree Plan.

DEGREE PLAN LEGEND:

SH = Semester hours
VOC = Vocational, not relative to an academic degree
LL = Lower Level, i.e. courses at the Freshman/Sophomore level
UL = Upper Level, i.e. courses at the Junior/Senior level
GL = Graduate Level (sometimes recommended by ACE for very complex courses)
[#] such as [EN024A] or [EN024B] = SOC Course Category Codes*
{#} such as {DANTES Code = 01.02.03} = DANTES Academic Codes **

* SOC Course Category Codes: Service members Opportunity Colleges (SOC) is a consortium of over 1,600 accredited colleges and universities seeking to provide degree opportunities to the military. Over 170 of these institutions participate in network degree programs developed for the Army, Navy, Marine Corps, and Coast Guard. A SOC course category number beside a course from one of these institutions, such as [EN024A] or [EN024B] for English Composition, indicates that courses from other degree program institutions with the same code may be taken to satisfy the degree requirement. See the SOC Degree Programs Handbooks at <http://www.soc.aascu.org/>

** DANTES Academic Codes: The Defense Activity for Non-Traditional Education Support (DANTES) publishes the DANTES Independent Study Catalog (DISC) annually, which lists more than 6,000 courses from dozens of regionally accredited colleges and universities. Because this is a degree from a SOC affiliated college, the academic residency requirements are limited, thereby allowing students to transfer in a significant portion of the degree, as mentioned above. If the course you desire to take is not offered by this institution when you want to take it, consider the opportunities the courses in the DISC present. For more information, visit http://www.dantes.doded.mil/dantes_web/distancelearning/disc/front/cont.htm Keep in mind, you should always check with the counselor or academic advisor at this institution before enrolling in a course listed in the DISC to ensure it will be

accepted in transfer toward this degree.

Mountain State University General Information:

Mountain State University founded in 1933, is an independent, not-for-profit university offering traditional classroom-based education as well as independent and distance learning programs. The University is accredited by the Commission on Institutions of Higher Learning and a member of the North Central Association of Colleges and Schools. Located in the heart of downtown Beckley, West Virginia, 50 miles south of the capital of Charleston. Beckley, a city of 20,000, is the population center of southern West Virginia.

The University operates on a semester system that includes Fall, Spring, and two Summer semesters. The Fall semester begins in late August and ends mid-December. Spring semester begins in mid-January and ends in mid-May. The Summer terms run from the beginning of June through early August.

Mountain State University is a dynamic, four-year institution that also offers graduate programs. MSU has become the University of choice for many individuals throughout West Virginia, the nation, and the world.

Mountain State University offers online courses and degrees through WebCT, or Web Course Tools. WebCT is a home site for online courses and has tools on it that allow students to access course information, communicate with their instructor and other students, and complete and submit assignments.

Distance learning is education delivered to locations away from the classroom. Distance learning can supplement or replace traditional classroom education through the use of instructional television, computer or Web-based training, and numerous other technologies. Distance learning makes professional development accessible to students who work during traditional classroom hours. Through flexible learning schedules, students can learn at their own pace and at a time and place that is convenient for them. Distance education also makes learning accessible to the disabled and others who are not able or cannot afford to come to a traditional college campus for their education.

Mountain State University's Independent Study Program currently serves students living throughout the state of West Virginia, the United States, and the entire globe. The IS program allows the student up to four months to complete a course in a location of his or her own choice. Students taking IS courses enjoy the flexibility and convenience of a study schedule that accommodates their individual and professional schedules. This program is especially appealing to working adults and those with scheduling obligations that prevent them from attending traditional classes.

Tuition for students is: \$270 per credit hour. (subject to change)

For more information regarding this degree, please contact:

Tammy Murphy

Lead Online Recruiter
Mountain State University
500 South Kanawha Street
Beckley, WV 25802-9003
(800) 766- 6067 x1702
E-mail: tmurphy@mountainstate.edu
<http://www.mountainstate.edu>

POLICY NOTES:

General Requirements:

- A minimum grade point average of 2.0.
- A grade of "D" is NOT accepted in transfer.
- 12 resident credits required for the major.
- The maximum amount of military credit that may apply to this degree is 49% of the degree (33 semester hours)

This college is rated as one of the nation's best in U.S. News & World Report's "America's Best Colleges" issue.

Evaluation completed by: Charles Morrison

On: 31 July 2007