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Course Summary

Course: EVSP640  Title: Advanced Environmental Impact Analysis
Length of Course: 8
Prerequisites: EVSP639  Credit Hours: 3

Description

Course Description: This course will focus on in-depth writing of the Affected Environment, Environmental Consequences, and the Executive Summary sections of an EIS. The completed Final Draft EIS (DEIS) from the Intermediate and Advanced Environmental Impact Analysis courses combined as the final product for this course. Prerequisite: EVSP639

Course Scope:

This course will focus on completing the Final Draft EIS (DEIS) developed in EVSP639 by conducing the Cumulative Effects Analysis, including greenhouse gas (GHG) emission calculations. Students will study the project life cycle, how to lead an EA/EIS interdisciplinary team, ensure scientific accuracy, and complete project QA/QC. Students will also consider programmatic, tiered, and supplemental analysis, writing a Finding of No Significant Impact (FONSI) or Record of Decision (ROD), preparing the Administrative Record, and post-FONSI/ROD mitigation and monitoring. EVSP629 Environmental Impact Analysis and EVSP639 Intermediate Environmental Impact Analysis are pre-requisites for this course.

Objectives

After successfully completing this course, you will be able to:

- LO-1 Prepare a Finding of No Significant Impact (FONSI) or a Record of Decision (ROD).
- LO-2 Describe methods to integrate NEPA into the decision making process.
- LO-3 Prepare an Administrative Record for an Environmental Assessment (EA) or Environmental Impact Statement (EIS).
- LO-4 Analyze a Programmatic EA or EIS.
- LO-5 Construct a supplemental or tiered analysis for an EA or EIS.
- LO-6 Calculate GHG Emissions for an EIS.
- LO-7 Prepare a Cumulative Effects Analysis.

Outline
Week 1: FONSI and RODs

Learning Objectives

LO-1: Prepare a Finding of No Significant Impact (FONSI) or a Record of Decision (ROD).

Readings

Weekly Readings
Lesson
Assignments
Week 1 Forum

Week 2: Completing the NEPA Process preparing the Administrative Record

Learning Objectives

LO-2: Describe methods to integrate NEPA into the decision making process.

LO-3: Prepare an Administrative Record for an Environmental Assessment (EA) or Environmental Impact Statement (EIS).

Readings

Weekly Readings
Lesson
Assignments
Week 2 Forum
Assignment 1

Week 3: Programmatic EISs

Learning Objectives

LO-4: Analyze a Programmatic EA or EIS

Readings

Weekly Readings
Lesson
Assignments
Week 3 Forum
Assignment 2

Week 4: Supplemental & Tiered EISs
Learning Objectives

**LO-5**: Construct a supplemental or tiered analysis for an EA or EIS.

Readings

Weekly Readings

Lesson

Assignments

Week 4 Forum

Assignment 3

**Week 5: Climate Change and NEPA**

Learning Objectives

**LO-6**: Calculate GHG Emissions for an EIS.

Readings

Weekly Readings

Lesson

Assignments

Week 5 Forum

Assignment 4

**Week 6: Cumulative Effects Analysis**

Learning Objectives

**LO-7**: Prepare a Cumulative Effects Analysis.

Readings

Weekly Readings

Lesson

Assignments

Week 6 Forum

Assignment 5

**Week 7: NEPA Decision-Making**

Learning Objectives

**LO-2**: Describe methods to integrate NEPA into the decision making process.
Readings
Weekly Readings
Lesson
Assignments
Week 7 Forum
Work on Final Project

Week 8: Reflections on the NEPA Process

Learning Objectives

**LO-2**: Describe methods to integrate NEPA into the decision making process.

**LO-4**: Analyze a Programmatic EA or EIS

Readings
Weekly Readings
Lesson
Assignments
Week 8 Forum
Assignment 6 Final Project

### Evaluation

**Grading:**

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<th>Name</th>
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<tbody>
<tr>
<td>Forums</td>
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<tr>
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<td>Assignment 1 Prepare a Record of Decision (ROD) for your DEIS from EVSP639</td>
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<tr>
<td>Assignment 2 Prepare an Administrative Record (AR) for Your DEIS from EVSP639</td>
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</tbody>
</table>
Assignment 3 Critique of a Programmatic EA or EIS 10.00 %
Assignment 4 Construct a Tiered Analysis for an EA or EIS 10.00 %
Assignment 5 Calculate GHG Emissions for an EIS 10.00 %
Final Project 26.00 %
Assignment 6 Final Project: Prepare a Cumulative Effects Analysis 26.00 %

Materials

Book Title: There are no required books for this course.
Author:
Publication Info:
ISBN: NTR

Required Readings - See the Lessons for additional readings and weekly lecture notes

Additional Resources: Please go to the Environmental Policy & Management | Program Guide: Home in the APUS Library for additional resources:

http://apus.campusguides.com/environmental_policy_management?hs=a

Software Requirements

- Microsoft Office (MS Word, MS Excel, MS PowerPoint)
- Adobe Acrobat Reader

Course Guidelines

Citation and Reference Style

- Attention Please: Students will follow the APA Format as the sole citation and reference style used in written work submitted as part of coursework to the University. Assignments completed in a narrative essay or composition format must follow the citation style cited in the APA Format.

Tutoring

- Tutor.com offers online homework help and learning resources by connecting students to certified tutors for one-on-one help. AMU and APU students are eligible for 10 free hours* of tutoring provided by APUS. Tutors are available 24/7 unless otherwise noted. Tutor.com also has a SkillCenter Resource Library offering educational resources, worksheets, videos, websites and career help. Accessing these resources does not count against tutoring hours and is also available 24/7. Please visit the APUS Library and search for 'Tutor' to create an account.

Late Assignments

- Students are expected to submit classroom assignments by the posted due date and to complete the
course according to the published class schedule. The due date for each assignment is listed under each Assignment.

- Generally speaking, late work may result in a deduction up to 15% of the grade for each day late, not to exceed 5 days.
- As a working adult I know your time is limited and often out of your control. Faculty may be more flexible if they know ahead of time of any potential late assignments.

Turn It In

- Faculty may require assignments be submitted to Turnitin.com. Turnitin.com will analyze a paper and report instances of potential plagiarism for the student to edit before submitting it for a grade. In some cases professors may require students to use Turnitin.com. This is automatically processed through the Assignments area of the course.

Academic Dishonesty

- Academic Dishonesty incorporates more than plagiarism, which is using the work of others without citation. Academic dishonesty includes any use of content purchased or retrieved from web services such as CourseHero.com. Additionally, allowing your work to be placed on such web services is academic dishonesty, as it is enabling the dishonesty of others. The copy and pasting of content from any web page, without citation as a direct quote, is academic dishonesty. When in doubt, do not copy/paste, and always cite.

Submission Guidelines

- Some assignments may have very specific requirements for formatting (such as font, margins, etc) and submission file type (such as .docx, .pdf, etc) See the assignment instructions for details. In general, standard file types such as those associated with Microsoft Office are preferred, unless otherwise specified.

Disclaimer Statement

- Course content may vary from the outline to meet the needs of this particular group.

Communicating on the Forum

- Forums are the heart of the interaction in this course. The more engaged and lively the exchanges, the more interesting and fun the course will be. Only substantive comments will receive credit. Although there is a final posting time after which the instructor will grade comments, it is not sufficient to wait until the last day to contribute your comments/questions on the forum. The purpose of the forums is to actively participate in an on-going discussion about the assigned content.
- “Substantive” means comments that contribute something new and hopefully important to the discussion. Thus a message that simply says “I agree” is not substantive. A substantive comment contributes a new idea or perspective, a good follow-up question to a point made, offers a response to a question, provides an example or illustration of a key point, points out an inconsistency in an argument, etc.
- As a class, if we run into conflicting view points, we must respect each individual's own opinion. Hateful and hurtful comments towards other individuals, students, groups, peoples, and/or societies will not be tolerated.

University Policies

Student Handbook

- Drop/Withdrawal policy
- Extension Requests
The mission of American Public University System is to provide high quality higher education with emphasis on educating the nation’s military and public service communities by offering respected, relevant, accessible, affordable, and student-focused online programs that prepare students for service and leadership in a diverse, global society.

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