NUCLEAR ENGINEERING

1. Add the following courses:

   **NE 521 Nuclear Material Storage, Transportation and Disposal**
   3 credits
   Cross-listed with TM 521
   There is a wide range of nuclear materials that are stored, transported and disposed of each day. The materials include medical radioisotopes, new fuel pellets, used fuel, and industrial radioisotopes. This course will cover the regulations that govern nuclear material storage, transportation and disposal, as well as the engineering requirements and practical aspects of handling these materials.
   **Prereq:** Permission

   **Available via distance:** Yes
   **Geographical availability:** Idaho Falls, online
   **Rationale:** This course will be part of an 18-credit academic certificate entitled Nuclear Technology Management. The goal is to have the certificate certified by the International Atomic Energy Agency (IAEA).

   **NE 522 Management of Nuclear Facilities**
   3 credits
   Cross-listed with TM 522
   Nuclear facilities need a sustainable management system to make sure that matters of importance are not dealt with in isolation of other issues in the decision making process. Integrating all relevant issues, ranging from safety, security and safeguards to health and economic and environmental questions, leads to well-informed and balanced decisions. This course addresses from a practical point of view the safety and regulatory issues of operating and planned reactors in the U.S. and other countries.
   **Prereq:** Permission

   **Available via distance:** Yes
   **Geographical availability:** Idaho Falls, online
   **Rationale:** This course will be part of an 18-credit academic certificate entitled Nuclear Technology Management. The goal is to have the certificate certified by the International Atomic Energy Agency (IAEA).
TECHNOLOGY MANAGEMENT

1. Add the following courses:

   TM 520 Leadership and Conflict Resolution in a Technological Environment
   3 credits
   The course explores leadership and related conflict management issues; personal and collective
   ways in which interpersonal and organizational conflict from a leadership perspective can be
   managed; focuses on theoretical and practical analysis of principles and processes for the
   management of conflict in relationships. Through a leadership framework, the skills and
   techniques for the identification, prevention, and resolution of conflict in interpersonal and
   workplace relationships will be discussed.
   Prereq: Permission

   Available via distance: Yes
   Geographical Area: Idaho Falls, online
   Rationale: This course has already been offered as a special topics course in
   2017 and it is requested to be added as a permanent course.

   TM 521 Nuclear Material Storage, Transportation and Disposal
   3 credits
   Cross-listed with NE 521
   There is a wide range of nuclear materials that are stored, transported and disposed of each
day. The materials include medical radioisotopes, new fuel pellets, used fuel, and industrial
radioisotopes. This course will cover the regulations that govern nuclear material storage,
transportation and disposal, as well as the engineering requirements and practical aspects of
handling these materials.
   Prereq: Permission

   Available via distance: Yes
   Geographical availability: Idaho Falls, online
   Rationale: This course will be part of an 18-credit academic certificate entitled
   Nuclear Technology Management. The goal is to have the certificate certified by
   the International Atomic Energy Agency (IAEA).

   TM 522 Management of Nuclear Facilities
   3 credits
   Cross-listed with NE 522
   Nuclear facilities need a sustainable management system to make sure that matters of
importance are not dealt with in isolation of other issues in the decision making process.
Integrating all relevant issues, ranging from safety, security and safeguards to health and
economic and environmental questions, leads to well-informed and balanced decisions. This
course addresses from a practical point of view the safety and regulatory issues of operating and
planned reactors in the U.S. and other countries.
   Prereq: Permission
Available via distance: Yes
Geographical availability: Idaho Falls, online
Rationale: This course will be part of an 18-credit academic certificate entitled Nuclear Technology Management. The goal is to have the certificate certified by the International Atomic Energy Agency (IAEA).