

Assessment: Assessment Plan

Degree Program - AS - Forensic Science (MS)

CIP Code: 43.0106.00

Degree Program Coordinator: Paola Tiedemann

Degree Program Coordinator Email: paola.tiedemann@ttu.edu

Degree Program Coordinator Phone: +18068340983

Degree Program Coordinator Mail Stop: 41012

Modality: Face-to-Face

Student Learning Outcome: Forensic research

Students should be able to effectively understand how to conduct and engage in research using methodologies and practices that will support forensic science as it is used in the United States court system.

Outcome Status: Active

Outcome Type: Program, Student Learning

Start Date: 09/01/2017

Assessment Methods

Field Placement/Internship - Completion the Internship requirements as they are outlined in the forensic science program student handbook (Active)

- Criterion:**
- 1) Student must pass all comprehensive examination sections with a 52% or better.
 - 2) Positive evaluations (i.e., scores of at least 3s in each area) from the internship on-site supervisor on the Supervisor Evaluation of Intern program form.
 - 3) Passing internship paper presentation.
 - 4) At least 75% of all graduates will complete and present their paper within a 3-year period.
 - 5) Students will receive scores on the Outcomes Assessment of Student Learning – Oral Presentation and Written Document Program Form of at least “Acceptably” on each of the five outcome areas (knowledge of fields, integration of fields, writing ability, oral communication, and critical thinking) by every committee member.

Related Documents:

[Rubric for Student Outcome - Written and Oral Presentations - 3.30.17.docx](#)

Thesis - Completion of the Thesis requirements as they are outlined in the forensic science program student handbook (Active)

- Criterion:**
- 1) A passing thesis proposal defense.
 - 2) A passing thesis defense.
 - 3) At least 75% of all graduates will complete and defend their thesis within a 3-year period.
 - 4) Students will receive scores on the Outcomes Assessment of Student Learning – Oral Presentation and Written Document Program Form of at least “Acceptably” on each of the five outcome areas (knowledge of fields, integration of fields, writing ability, oral communication, and critical thinking) by every committee member.

Related Documents:

[Rubric for Student Outcome - Written and Oral Presentations - 3.30.17.docx](#)

Student Learning Outcome: Forensic concepts and applied science principles

Degree Program - AS - Forensic Science (MS)

Students should be able to apply broad fundamental concepts, and applied science principles of chemical, physical, and biological evidence to forensic investigative techniques.

Outcome Status: Active

Outcome Type: Student Learning

Start Date: 09/01/2017

Assessment Methods

Pre-Test - Students will be given a pre-test by instructors in the forensic science core classes, the pre-test will be followed by an end of the semester post-test assessment using the same questions specific to forensic science concepts directed by the course topics. The pre-test will cover topics specific to the course yet they will also focus on key elements related to the application of forensic sciences to the legal system. (Active)

Criterion: Pre- and end of the semester post-test scores for the class as a whole will improve by 50%.

Schedule: As the course is offered.

Thesis - Completion of the Thesis requirements as they are outlined in the forensic science program student handbook (Active)

Criterion: 1) A passing thesis proposal defense.

2) A passing thesis defense.

3) At least 75% of all graduates will complete and defend their thesis within a 3-year period.

4) Students will receive scores on the Outcomes Assessment of Student Learning – Oral Presentation and Written Document Program Form of at least “Acceptably” on each of the five outcome areas (knowledge of fields, integration of fields, writing ability, oral communication, and critical thinking) by every committee member.

Related Documents:

[Rubric for Student Outcome - Written and Oral Presentations - 3.30.17.docx](#)

Field Placement/Internship - Completion the Internship requirements as they are outlined in the forensic science program student handbook (Active)

Criterion: 1) Student must pass all comprehensive examination sections with a 52% or better.

2) Positive evaluations (i.e., scores of at least 3s in each area) from the internship on-site supervisor on the Supervisor Evaluation of Intern program form.

3) A passing internship paper presentation.

4) At least 75% of all graduates will complete and present their paper within a 3-year period.

5) Students will receive scores on the Outcomes Assessment of Student Learning – Oral Presentation and Written Document Program Form of at least “Acceptably” on each of the five outcome areas (knowledge of fields, integration of fields, writing ability, oral communication, and critical thinking) by every committee member.

Related Documents:

[Rubric for Student Outcome - Written and Oral Presentations - 3.30.17.docx](#)

Course Level Assessment - Students are required to complete a structured set of core forensic science courses covering areas of knowledge that are essential to forensic science; skills and experience in the application of basic forensic science concepts and of specialty knowledge to problem solving; and professional values, concepts, and ethics as they are outlined in the student program handbook. (Active)

Criterion: All students will receive a grade of a B or better in these core courses.

Schedule: As the core course is offered.

Student Learning Outcome: Forensic critical thinking skills

Students should be able to demonstrate critical thinking skills in order to derive conclusions based on scientific techniques and practical applications used by current forensic scientists.

Outcome Status: Active

Degree Program - AS - Forensic Science (MS)

Outcome Type: Program, Student Learning

Start Date: 09/01/2017

Assessment Methods

Pre-Test - Students will be given a pre-test by instructors in the forensic science core classes, the pre-test will be followed by an end of the semester post-test assessment using the same questions specific to forensic science concepts directed by the course topics. The pre-test will cover topics specific to the course yet they will also focus on key elements related to the application of forensic sciences to the legal system. (Active)

Criterion: Pre- and end of the semester post-test scores for the class as a whole will improve by 50%.

Schedule: As the course is offered.

Thesis - Completion of the Thesis requirements as they are outlined in the forensic science program student handbook (Active)

Criterion: 1) A passing thesis proposal defense.

2) A passing thesis defense.

3) At least 75% of all graduates will complete and defend their thesis within a 3-year period.

4) Students will receive scores on the Outcomes Assessment of Student Learning – Oral Presentation and Written Document Program Form of at least “Acceptably” on each of the five outcome areas (knowledge of fields, integration of fields, writing ability, oral communication, and critical thinking) by every committee member.

Related Documents:

[Rubric for Student Outcome - Written and Oral Presentations - 3.30.17.docx](#)

Field Placement/Internship - Completion the Internship requirements as they are outlined in the forensic science program student handbook (Active)

Criterion: 1) Student must pass all comprehensive examination sections with a 52% or better.

2) Positive evaluations (i.e., scores of at least 3s in each area) from the internship on-site supervisor on the Supervisor Evaluation of Intern program form.

3) A passing internship paper presentation.

4) At least 75% of all graduates will complete and present their paper within a 3-year period.

5) Students will receive scores on the Outcomes Assessment of Student Learning – Oral Presentation and Written Document Program Form of at least “Acceptably” on each of the five outcome areas (knowledge of fields, integration of fields, writing ability, oral communication, and critical thinking) by every committee member.

Related Documents:

[Rubric for Student Outcome - Written and Oral Presentations - 3.30.17.docx](#)