**Purdue Northwest Curriculum Document Coversheet**

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| **Document No:**(According to [Instruction](http://faculty.pnw.edu/blog/curriculum-document-approval-procedures/)s[[1]](#footnote-1)) | COT 18-03 NEW COURSE ITS 45800 | **Approval by Faculty Senate:** (Leave Blank) | 12/14/18 |
| **Proposed Effective Date**  | Spring 2019 | **Date Reviewed by Senate Curriculum****Committee:** (Leave blank) | 11/9/18 |
| **Submitting Department:**(Name of both Dept & College/School ) | CITG/College of Technology | **Name(s) of Library Staff Consulted:** (NA if not required) | NA |
| **Date Reviewed by Department**  | 03/30/2018 |  |  |
| **Submission Date:**(Date sent to College/School Curr Comm after Dept Review) | 10/04/2018 | **Will New Library****Resources Used?** | [ ]  **Yes**[x]  **No** Double-click to check Yes / No. |
| **Date Reviewed by College/School Curriculum Committee**  | 10/05/2018 | **Form 40 Needed?**(Double-click one box.)Registrar will complete Form 40 **after** Senate approval of document. | [x]  **Yes** New courses or any course change, check **YES**[ ]  **No** For **all other** curriculum matters, check **NO**. |
| **Contact Person(s):**(Name & Title) | Michael Tu, Associate Professor of CIT |  |  |

Unless marked “Leave blank” all parts of this form must be filled in **before** sending to Secretary of the Faculty Senate.

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| **Task (check all that apply and fill out sections appropriate for each change).** [ ]  Program/Concentration Change or New Program/Concentration Proposal: Complete Section I, III, & IV[ ]  Minor Change or New Minor Proposal: Complete Section I (delete sections III & IV)[ ]  Certificate Change or New Certificate Proposal: Complete Section I (delete sections III & IV)[x]  Course Change or New Course Proposal: Complete Section II (delete sections III & IV) |
| **Program name**.Computer Information Technology |
| **Degree name(s).** (If applicable.)B.S. Computer Information Technology, Cybersecurity Concentration |

## Section II: This section is for changes in courses only

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| **Subject.** (Brief description of proposed change, addition or deletion.)ITS 45800, Advanced Topics in Cyber Forensics Practices – New Course |
| **Justification.** (Briefly list main reasons for proposed change, addition or deletion.)1. As a required course for the new proposed cybersecurity concentration.2. As a restrictive elective course for the existing Computer Information Technology Undergraduate Program. |

Use the **Current** and **Proposed** spaces below for course changes only. Otherwise, mark “N/A”

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| **Current:** (Course changes: include entire present catalog information. Leave blank if new course)N/A | **Proposed:** (Course changes: include entire new catalog information.)ITS 45800 – Advanced Topics in Cyber Forensics PracticesDiscover and analyze electronic evidences from computers, networks, and disk images. Students learn how to examine and recover data from digital information systems, core forensic procedures for any operating or file system, understanding technical issues in acquiring digital evidence and how to conduct forensically sound examinations to preserve evidence for admission and use legal proceeding. The following topics will be covered: operating systems forensic, cloud forensics, network forensics, applied decryption. Typically offered Fall Spring. 3.000 Credit hours Course Pattern: 2-2-3 Level: Undergraduate Schedule Types: Lecture Course Attributes: Upper Division Prerequisites: ITS 45200 Minimum Grade of C |
| **Is this course also:** | [ ]  **General Education** | **Currently Designated ExL (see** [**instructions[[2]](#footnote-2)**](http://faculty.pnw.edu/blog/curriculum-document-approval-procedures/)**)** [ ]  |

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| **Course Objectives / Learning Outcomes.** (New courses only. List main outcomes. If lengthy, attach separate page.The student, by the end of the semester should be able to:1. Be able to identify and analyze legal issues and evidence rules in digital forensics fields.
2. Be able to apply and evaluate digital forensics investigation procedures.
3. Be proficient with the digital forensics techniques and skills.
4. Be able to analyze the evidences on various operating systems.
5. Be able to apply applied decryption to discover evidences on various operating systems
6. Be able to analyze the file system evidences
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| **Impact on Students.** (State “N/A” if proposal will not greatly affect students.) NA |
| **Impact on University Resources.** (State “N/A” if proposal will not require new resources, faculty or funds.) NA |
| **Impact on other Academic Units.** (State “N/A” if proposal will not affect other units.) (Include name of person in affected area this was discussed with.) NA |

1. <http://faculty.pnw.edu/blog/curriculum-document-approval-procedures/> [↑](#footnote-ref-1)
2. <http://faculty.pnw.edu/blog/curriculum-document-approval-procedures/> [↑](#footnote-ref-2)