**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 18-20 NEW COURSE CGT 48000 | **Approval by Faculty Senate:** (Leave Blank) | 3/8/2019 |
| **Proposed Effective Date**  | July 1, 2019 | **Date Reviewed by Senate Curriculum****Committee:** (Leave blank) | 2/22/2019 |
| **Submitting Department:**(Name of both Dept & College/School ) | Computer Information Technology & GraphicsCollege of Technology | **Name(s) of Library Staff Consulted:** (NA if not required) | NA |
| **Date Reviewed by Department**  | January 23, 2019 |  |  |
| **Submission Date:**(Date sent to College/School Curr Comm after Dept Review) | January 23, 2019 | **Will New Library****Resources Used?** | [ ]  **Yes**[x]  **No** Double-click to check Yes / No. |
| **Date Reviewed by College/School Curriculum Committee**  | January 25, 2019 | **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 Alden RollerAssociate Professor of CGT |  |  |

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 Graphics Technology |
| **Degree name(s).** (If applicable.)Bachelor of Science (B.S.)  |

## Section I: This section is for changes in programs, minors and certificates

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| **List the major changes in each program of study, minor or certificate.**  |
| **Impact on Students.** (State “N/A” if proposal will not greatly affect students.) |
| **Impact on University Resources.** (State “N/A” if proposal will not require new resources, faculty or funds.) |
| **Impact on other Academic Units.** (State “N/A” if proposal will not affect other units.)(Include name of person in affected area discussed with) |

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

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| **Subject.** (Brief description of proposed change, addition or deletion.)New course CGT 48000: Usability Testing and Evaluation for the Computer Graphics Technology program at Purdue University Northwest. |
| **Justification.** (Briefly list main reasons for proposed change, addition or deletion.)The new CGT Plan of Study for the 2019-2020 academic year allows students to choose a series of selective courses. This proposal adds an advanced course in Usability Testing and Assessment that was suggested by the program’s accreditor. Additionally, industry demands graduates who are able to assess end-user behavior in order to determine the evolving needs of customers. Thus, the course proposed here will provide students with a topical scope specifically focused on Usability Assessment that aligns with the new 2019-2020 CGT Plan of Study. |

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) | **Proposed:** (Course changes: include entire new catalog information.)CGT 48000: Usability Testing and EvaluationCredit Hours: 3.00. An advanced course focusing on the testing and evaluation of digital products, services, and applications. Topics include research methodology, data collection and analysis, usability and heuristic evaluation, and measurability as it relates to user-centered design.Prerequisites: (CGT 32200 with a grade of “C” or better) AND (CGT 35200 with a grade of “C” or better) AND (STAT 30100 with a grade of “C” or better) OR Permission of the Instructor.Total Credits: 3.00Pattern: 2-2-3Type: Lecture (LEC) / Lab (LAB)Level: Undergraduate (UG)Semesters: Fall, Spring, SummerFees: NoneGrading: Regular (G) |
| **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.)1. Describe the role and value of user-centered research and evaluation in the design process.
2. Implement various research methods to evaluate digital products, services, and applications.
3. Infer results from end-user tests and evaluations.
4. Disseminate the results of user research and evaluation through documents, reports and presentations.
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| **Impact on Students.** (State “N/A” if proposal will not greatly affect students.) N/A |
| **Impact on University Resources.** (State “N/A” if proposal will not require new resources, faculty or funds.) N/A |
| **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.)N/A |

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)