**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 18-29 NEW COURSE CGT 35800 | **Approval by Faculty Senate:**  (Leave Blank) | 5/3/19 |
| **Proposed Effective Date** | July 1, 2019 | **Date Reviewed by Senate Curriculum**  **Committee:**  (Leave blank) | 4/12/19 |
| **Submitting Department:**  (Name of both Dept & College/School ) | Comp. Info. Tech. & Graphics  College of Technology | **Name(s) of Library Staff Consulted:**  (NA if not required) |  |
| **Date Reviewed by Department** | February 20, 2019 |  |  |
| **Submission Date:**  (Date sent to College/School Curr Comm after Dept Review) | February 20, 2019 | **Will New Library**  **Resources Used?** | **Yes** **No**  Double-click to check Yes / No. |
| **Date Reviewed by College/School Curriculum Committee** | 3/22/2019 | **Form 40 Needed?**  (Double-click one box.)  Registrar will complete Form 40 **after** Senate approval of document. | **Yes** New courses or any course change, check **YES**  **No** For **all other** curriculum matters, check **NO**. |
| **Contact Person(s):**  (Name & Title) | Michelle Taylor  Continuing Lecturer |  |  |

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)  Course Change or New Course Proposal: Complete Section II (delete sections III & IV) |
| **Program name**.  Computer Graphics Technology |
| **Degree name(s).** (If applicable.)  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.**  N/A |
| **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 discussed with)  N/A |

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

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| **Subject.** (Brief description of proposed change, addition or deletion.)  This proposal is for the creation of CGT 35800: User Interface Scripting and Data Integration |
| **Justification.** (Briefly list main reasons for proposed change, addition or deletion.)  This course will combine overlapping topics from two existing courses, CGT35600 and CGT45600, resulting in an overall reduction of required credit hour requirements per accreditor requirement. |

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.)  Total Credits 3.00. An intermediate course focusing on scripting principles as they apply to web-based user interfaces and DOM manipulation. Topics include control structures, functions, objects, arrays, and data types. Students gain experience with server-side scripting languages and database integration methods.  Prerequisites: CGT 11800 with a grade of “C” or better, AND CGT 14100 with a grade of “C” or better, AND CGT 25000 with a grade of “C” or better.  Total Credits: 3.00 Pattern: 2-2-3 Type: Lecture (LEC) / Lab (LAB) Level: Undergraduate (UG) Semesters: Fall, Spring, Summer Fees: None Grading: 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. Demonstrate understanding of the logic behind advanced web applications. 2. Analyze and identify appropriate solutions for content delivery and user interaction. 3. Create and compile dynamic web projects using web-scripting languages. |
| **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 |

(Boxes will expand and spill over onto next page to accommodate your typing.)

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)