**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 18-05 NEW COURSE CGT 11800 | **Approval by Faculty Senate:**  (Leave Blank) | 12/14/18 |
| **Proposed Effective Date** | July 1, 2019 | **Date Reviewed by Senate Curriculum**  **Committee:**  (Leave blank) | 11/9/18 |
| **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) | N/A |
| **Date Reviewed by Department** | October 4, 2018 |  |  |
| **Submission Date:**  (Date sent to College/School Curr Comm after Dept Review) | October 5, 2018 | **Will New Library**  **Resources Used?** | **Yes** **No**  Double-click to check Yes / No. |
| **Date Reviewed by College/School Curriculum Committee** |  | **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) | Magesh Chandramouli  Associate 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)  Course Change or New Course Proposal: Complete Section II (delete sections III & IV) |
| **Program name**.  Computer Graphics Technology |
| **Degree name(s).** (If applicable.)  Bachelors of Science in Computer Graphics Technology |

## 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.**  Computer Graphics Technology |
| **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) 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 is a course adoption from the Master Catalog of CGT11800 from the Purdue West Lafayette. This course will be the foundational core requirement for raster and vector graphics for the new CGT Plan of Study at PNW beginning with the 2019-2020 academic year. |
| **Justification.** (Briefly list main reasons for proposed change, addition or deletion.)  Under the new CGT plan of study, core requirements must to be reduced per accreditor requirement. In response, CGT 21100 and CGT 21600 will be replaced by CGT 11800 and a upper division selective CGT course. This also aligns credit transfers to and from West Lafayette, Purdue Statewide campuses, and select regional community colleges for existing, active articulation agreements for the CGT 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) | | **Proposed:** (Course changes: include entire new catalog information.)  CGT 11800: Fundamentals of Imaging Technology  Credit Hours: 3.00. This course provides a foundation for the development and use of raster and vector images for a variety of industries. Full-color images and illustrations are produced using computer technologies, with a focus on both technical and aesthetic aspects. Topics include color theory and perception, surface and lighting analysis, rendering techniques, and technical characteristics.  Prerequisites: None  Total Credits: 3.00 Pattern: 2-2-3 Type: Lecture (LEC) / Lab (LAB) Level: Undergraduate (UG) Semesters: Fall, Spring Restrictions: None 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. Summarize the essential properties of raster and vector images.  2. Create context-specific digital (raster/vector) images for websites, pre-press/print, & multimedia.  3. Understand the most widely used graphic file formats and identify their appropriate usage.  4. Create digital images based on color theory, composition, and aesthetic judgment. |
| **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)