

10-801-197 Technical Reporting

# Course Outcome Summary

### Course Information

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|  | Description | Prepare and present written, oral, and visual communication products, including but not limited to instructions, proposals, informal and formal reports. Produce clear, usable communication by incorporating information design principles, arranging content to satisfy diverse audience needs, and presenting visuals for various contexts. Designed to develop collaborative communication practices, information literacy skills, and ethically responsible professional communication strategies. |
|  | Total Credits | 3 |
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Pre/Corequisites

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| Prerequisite | Each Wisconsin Technical College determines the General Education course prerequisites used by their academic institution. If prerequisites for a course are determined to be appropriate, the final Course Outcome Summary must identify the prerequisites approved for use by the individual Technical College. |

### Course Competencies

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| 1. | Create visual elements for incorporation into communication products |
|  | Assessment Strategies |
|  | 1.1. | creation of visual elements in one or more communication products |
|  | 1.2. | as an individual or as a member of a team |
|  | Criteria |
|  | 1.1. | visuals target one or more of the following: presentation handouts, graphics in written reports, website wireframe, instructional documents, electronic presentation |
|  | 1.2. | visuals are appropriate for the audience |
|  | 1.3. | visuals credit sources of information |
|  | 1.4. | visuals enhance the narrative |
|  | 1.5. | visuals clarify complex concepts/relationships |
|  | 1.6. | visual medium is appropriate to audience, situation, and purpose |
|  | 1.7. | visuals make use of design including white space, color, font, type size, hierarchy, headings, forecasting statements, and lists and other design elements |
| 2. | Model ethics in professional communication |
|  | Assessment Strategies |
|  | 2.1. | all oral, written or visual communication projects |
|  | 2.2. | as an individual or as a member of a team |
|  | Criteria |
|  | 2.1. | communication adheres to copyright laws |
|  | 2.2. | communication is free of plagiarism |
|  | 2.3. | communication respects privacy and confidentiality concerns |
|  | 2.4. | communication demonstrates inclusive language and visual representation |
|  | 2.5. | communication is free of inappropriate bias |
|  | 2.6. | communication demonstrates the ethical use of digital and/or social media messages |
| 3. | Write a set of procedures or instructions |
|  | Assessment Strategies |
|  | 3.1. | written procedures or instructions |
|  | 3.2. | as an individual or as a member of a team |
|  | Criteria |
|  | 3.1. | procedures/instructions use clear and effective language designed for a specific audience and purpose  |
|  | 3.2. | procedures/instructions contain all identified major elements |
|  | 3.3. | procedures/instructions are unified, coherent, and accurate |
|  | 3.4. | procedures/instructions include ordered steps written using imperative mood |
|  | 3.5. | procedures/instructions include notes, cautions, and warnings |
|  | 3.6. | procedures/instructions makes effective use of definition and description  |
|  | 3.7. | procedures/instructions include appropriate graphics |
| 4. | Prepare an informal report |
|  | Assessment Strategies |
|  | 4.1. | informal report (i.e., lab report, field site report, summary report, occurrence report, inspection report, trip report, problem analysis, incident report, informative report, case study, periodic, proposal, or progress report) |
|  | 4.2. | as an individual or as a member of a team |
|  | Criteria |
|  | 4.1. | report uses clear and effective language designed for a specific audience and purpose |
|  | 4.2. | report exhibits designated report genre conventions |
|  | 4.3. | report is unified, coherent, and accurate |
|  | 4.4. | report reflects an appropriate tone |
|  | 4.5. | report makes effective use of definition and description |
| 5. | Incorporate information sources |
|  | Assessment Strategies |
|  | 5.1. | conducting research |
|  | 5.2. | as an individual or as a member of a team |
|  | Criteria |
|  | 5.1. | sources are credible |
|  | 5.2. | sources are reliable |
|  | 5.3. | sources are valid |
|  | 5.4. | sources are free of inappropriate bias |
|  | 5.5. | sources include primary and/or secondary research |
|  | 5.6. | sources are gathered, evaluated, selected, and documented logically, efficiently, and ethically |
| 6. | Prepare a formal report |
|  | Assessment Strategies |
|  | 6.1. | written formal report (i.e., investigative report, feasibility report, evaluation report, scientific report, recommendation report, grant report, white paper, proposal) |
|  | 6.2. | as an individual or as a member of a team |
|  | Criteria |
|  | 6.1. | report purpose is evaluative or analytical |
|  | 6.2. | report uses clear and effective language designed for a specific audience and purpose |
|  | 6.3. | report exhibits designated report conventions |
|  | 6.4. | report contains all appropriate identified major elements which may include executive summary/abstract, statement of problem or situation, literature review, methods, findings, discussion, conclusions or recommendations, references |
|  | 6.5. | report is unified, coherent, and accurate |
|  | 6.6. | report applies an appropriate documentation format such as MLA, APA, CSE, AMA |
|  | 6.7. | report makes effective use of definition and description |
| 7. | Apply the principles of teamwork to collaborative communication |
|  | Assessment Strategies |
|  | 7.1. | all oral, written or visual communication projects |
|  | 7.2. | as an individual and as a member of a team |
|  | Criteria |
|  | 7.1. | use problem solving tools and strategies |
|  | 7.2. | use conflict resolution techniques |
|  | 7.3. | apply team roles |
|  | 7.4. | identify team norms |
|  | 7.5. | assess team performance |
|  | 7.6. | interact collaboratively (face to face and/or online) with other students to complete various course assignments |
| 8. | Present an oral report |
|  | Assessment Strategies |
|  | 8.1. | in an oral presentation |
|  | 8.2. | as an individual or as a member of a team |
|  | Criteria |
|  | 8.1. | presentation credits information taken from all sources whether paraphrased, summarized, or quoted verbatim |
|  | 8.2. | presentation exhibits effective delivery style and techniques |
|  | 8.3. | presentation uses clear and effective language designed for a specific audience and purpose  |
|  | 8.4. | presentation is unified, coherent, and accurate |
|  | 8.5. | presentation fits within the time allotted |
|  | 8.6. | presentation targets the audience |
|  | 8.7. | presentation includes visual elements to enhance the presentation |