

R·I·T

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Technical Information Design Graduate Certificate Program



The Center for
Multidisciplinary
Studies

Technical Information Design

Technical Information Design is a growing multidisciplinary communication field that requires understanding and skills in the development and use of text, graphic design, multimedia and other techniques to enhance contemporary technical communication. Success in this field demands that the practitioner have superior writing skills, adeptness at selecting and using available and emerging media and the ability to recognize excellence in the visual aspects of communication design. This program focuses on the information designer's use of technology to create documentation and to deliver information to the intended audience.

This advanced certificate program provides students with an opportunity to study and learn key aspects of contemporary information design theories, practices, and strategies. The program provides high-level study for those interested in the fields of technical communications, information design, marketing communication, and engineering and scientific communication.

This certificate is available through Online Learning.

Required Courses:

0688-711: Technical Information Design

Intensive practice in the creation of content for online and multimedia documents with emphasis on the presentation of technical and scientific concepts, products, and processes. A survey of graphic methods for the display of complex technical relationships and ideas. Students will also explore contemporary topics, international technical communication, the future of on-line documentation, ethical considerations in technical information design and applications (legal, medical, electronics, environmental, etc.) in Technical Information Design. (Pre-Requisite: 0688-333 or equivalent, or permission of instructor.) Credit 4

0688-731: Technical Procedures

Development of task-oriented and process documentation. Procedures for complex physical and mental tasks including time-constrained activities, emergencies, diagnostics and troubleshooting, and

multiple-path processes. Formats for print, electronic, and multi-media instructions. An introduction to the creation of online help including web-delivered and html help. (Pre-Requisite: 0688-333 or equivalent or permission of instructor) Credit 4

0688-741: Usability Design and Testing

The elements of successful electronic and print document design. The use of design concepts and tools to increase usability. Introduction to information mapping. Design and usability test considerations for multi-media and user-centered media. (Pre-Requisite: 0688-333 or equivalent or permission of instructor) Credit 4

Electives

The Technical Information Design Graduate Certificate requires three approved electives:

4004-730: Interactive Media Implementation

4004-741: Fundamentals of Web-based Multimedia

4004-745: Theories in Interactive Computing

0688-721: Creating Technical Proposals

0688-732: Managing Technical and Scientific Communication

2081-723: Contemporary Publishing

0688-714: Science Writing

About the CMS Certificate Program

Build an academic program that you can complete at a pace that suits your lifestyle. The Center for Multidisciplinary Studies offers several certificate programs designed for students who want to gain expertise in a specific area of study or who wish to focus on one area of study at a time. Credits earned in these programs may be applied toward a degree in Applied Arts and Science. Ask a CMS advisor for more information.

Students must achieve a program GPA of at least 2.0 in order to be certified. A CMS academic advisor can explain the details. Just give them a call or send them an e-mail.

A Degree As Unique As You.

Rochester Institute of Technology
The Center for Multidisciplinary Studies
31 Lomb Memorial Drive
Rochester, NY 14623
T: 585.475.2234
F: 585.475.6292
E: cms@rit.edu
W: www.rit.edu/cms