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for more information

- Fill out the attached reply card,
- Come to an Information Session,
- Visit www.hamline.edu/graduate/admission/
- Call 651-523-2697 or 800-753-9753.

Hamline University's programs are accredited by the National Council for Accreditation of Teacher Education (NCATE), recognized by the U.S. Dept. of Education as the accrediting body for teacher preparation programs. NCATE review ensures that programs achieve national quality and program standards necessary for professionals in education.

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HAMLIN UNIVERSITY
GRADUATE SCHOOL OF EDUCATION
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SAINT PAUL, MN 55104-9913



Current State of Minnesota guidelines require this license if you teach keyboarding or computer applications at least 33% time.

The Teaching and Technology Certificate/Keyboarding for Computer Applications K-8 License at Hamline will prepare you to integrate technology into all facets of a curriculum.

Develop face-to-face and virtual professional networks when you enter a community of educators committed to teaching and technology. Use best practice standards to achieve a high level of comfort and creativity with technology tools. Engage in individual and group activities that are hands-on and user-friendly.

Classroom Teachers—Explore ways to integrate technology into your classroom setting using computer labs, mobile computers, or the computer(s) in your room. Develop a rationale for how and why technology integration impacts learning for your students while developing lessons and identifying resources you can use with your students.

Computer, Resource, and Media Specialists—Investigate new methods for delivering technology instruction. Examine the many ways you can improve your students' learning experiences using technology skills and integrated instruction.

Technology Coordinators and Administrators—Discover insights about teaching with technology and its application in today's educational world. Develop a philosophy of educational technology to guide programs in your schools and districts. Design methods to share your knowledge with your faculty, parents, and students.



**HAMLIN
UNIVERSITY**

Graduate School of Education

1536 Hewitt Avenue
Saint Paul, MN 55104-1284
651-523-2900
800-753-9753
www.hamline.edu

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explore technology
education as a
professional



certificate/licensure program

teaching & technology · keyboarding k-8

HAMLIN UNIVERSITY
GRADUATE SCHOOL
OF EDUCATION



rethink your classroom using technology

The Certificate in Teaching and Technology/Keyboarding for Computer Applications K-8 Licensure Program at Hamline challenges teachers to rethink assumptions about teaching and learning in an increasingly technological world.

Technology tools can lead to productive and exciting change. Individual and collaborative activities help you use technology to accomplish your teaching and learning goals. The Hamline approach models quality teacher education that is constructivist in design—previous learning and experiences are the foundation for mastering new learning.

who may enroll

Participants have included classroom teachers, computer and media specialists, technology coordinators, and resource teachers with minimal to extensive technology experience.

To be recommended for the Keyboarding for Computer Applications K-8 License, candidates must hold an initial Minnesota teaching license and be admitted to the Additional Licensure Program.

graduate degree option

Incorporate your certificate or license into Hamline's Master of Arts in Education degree (MAEd). Up to 10 credits may be transferred as electives into the MAEd program.

teaching & technology certificate (10 cr)

CSED 7760 Creating a Community of Learners Using Technology (2 cr)

Create a technology-enhanced classroom! Gain a solid understanding of technology and how to use it to increase learning potential. Use desktop publishing, word processing, telecommunications, and multimedia. Create a community of learners via Blackboard conferencing software. Develop a rationale for using and integrating technology in your teaching, and examine potential impact on learners.

CSED 7761 Curriculum Integration with Technology in the Information Age (3 cr) (5 hours of clinical observation required)

Infuse teaching with meaningful technology. Identify a curricular, classroom management or instructional issue and develop technology-based activities to address it. Use tools of instructional design and productivity tools such as databases, word processing, and spreadsheets. Develop a technology-enhanced unit with the backwards design approach of Understanding by Design (UBD).

CSED 7762 Assessing Technology for Enhanced Learning (3 cr)

Explore common assumptions and values about the assessment process. Learn about online possibilities for developing a curriculum. Create a WebQuest using UBD that includes a rubric component for evaluation. Become familiar with the literature related to authentic assessment, brain-compatibility, and resources for assessing technology products. Create and/or modify your rationale for using technology in teaching.

CSED 7763 Cutting Edge: What the Future Holds (2 cr)

Discover the possibilities in the future of educational technology. Explore how the nature and goals of education, teaching, and learning will be impacted by a society living in the

information age with an economy dominated by "knowledge construction." Field trips to businesses engaged in cutting-edge technology will create the context for visualizing a classroom environment for the twenty-first century. Final course in the Certificate Program. *Prerequisites: CSED 7760, 7761, 7762.*

keyboarding for computer applications K-8 additional license (13 cr)

Six courses are required to be recommended to the Minnesota Board of Teaching for the Keyboarding for Computer Applications K-8 License—four Teaching & Technology Certificate courses (CSED 7760, 7761, 7762, 7763) and two licensure courses (CSED 7759, 7764).

CSED 7759 Introduction to Computer Applications and Teaching (1 cr) (2 hours of clinical observation required)

Focus on educational standards and keyboarding best practices. Learn the goals of technology, education, teaching and learning in a society of the information age. Explore keyboarding and ergonomic themes. Sessions will include discussion, independent research, and group projects.

CSED 7764 Advanced Keyboarding K-8 Practicum Seminar (2 cr) (15 hours of clinical practicum required)

Gain clinical and seminar experience in this final course toward the Keyboarding for Computer Applications K-8 License. Apply the International Society for Technology in Education (ISTE) standards and Understanding by Design (UBD) method to create and develop lesson plans. Final course in the licensure program. *Prerequisites: CSED 7759, 7760, 7761, 7762, 7763.*



schedule & registration

Course schedules, including online offerings, are listed each term in the Professional Development for Educators course catalog. To view the catalog online or download a copy, go to: www.hamline.edu/gse, click "Academics," then "Professional Development."

Certificate students may register in person, by mail, or by fax.

Admitted licensure students may also register online.

your next steps

- Fill out the attached reply card or call 651-523-2900/800-753-9753.
- Many questions can be answered at an Information Session. Upcoming dates are listed at www.hamline.edu/gse/admission/index.html, click on "Join us for an Information Session."

If you have further questions, contact:

Erin Doan, Additional Licensure Coordinator
651-523-2697; e-mail: edoan01@hamline.edu

or

Marcia Rockwood, Graduate Continuing Studies Director
651-523-2938; e-mail: mrockwood@hamline.edu

- Yes**, I will be taking the required courses and intend to complete the Teaching & Technology Certificate.
- Yes**, send me an application for an additional license in Keyboarding for Computer Applications K-8.
- I would like to attend an Information Session at Hamline University on this date _____.

Name _____

Address _____

City _____ State _____ Zip+4 _____

Home phone _____

School/business phone _____

E-mail _____

Current license _____

State _____

Please complete and return this postage-paid card.

information sessions at

www.hamline.edu/gse/admission/index.html

Click on "Join us for an Information Session"

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