# Cover Sheet: Request 14654

**Educational Technology Minor**

## Info

| | |
|---|---|
| Process | Minor\|New/Close\|Ugrad |
| Status | Pending at PV - University Curriculum Committee (UCC) |
| Submitter | Bojan Lazarevic blazarevic@ufl.edu |
| Created | 1/28/2020 11:09:30 AM |
| Updated | 3/14/2021 9:17:44 PM |
| Description of request | Request for creating a new minor - Educational Technology |

## Actions

| Step | Status | Group | User | Comment | Updated |
|---|---|---|---|---|---|
| Department | Approved | COE - School of Teaching and Learning 18050000 | Ester De Jong | | 1/28/2020 |
| ed tech minor catalog copy_FINAL.docx | | | | | 1/28/2020 |
| College | Approved | COE - College of Education | Nancy Waldron | | 2/20/2020 |
| No document changes | | | | | |
| AP for Undergraduate Affairs Notified | Notified | PV - Associate Provost for Undergraduate Affairs | | | 2/20/2020 |
| No document changes | | | | | |
| University Curriculum Committee | Commented | PV - University Curriculum Committee (UCC) | Lee Morrison | Added to the March agenda. If approved, this will go into effect for the Summer B 2020 term with the publication of the 2020-2021 undergraduate catalog. | 3/11/2020 |
| No document changes | | | | | |
| University Curriculum Committee | Conditionally Approved | PV - University Curriculum Committee (UCC) | Casey Griffith | Pending letter of support from UF Online. | 3/18/2020 |
| No document changes | | | | | |
| College | Approved | COE - College of Education | Nancy Waldron | UFO Letter of support sent via email | 1/28/2021 |
| No document changes | | | | | |
| AP for Undergraduate Affairs Notified | Notified | PV - Associate Provost for Undergraduate Affairs | | | 1/28/2021 |
| No document changes | | | | | |
| University Curriculum Committee | Pending | PV - University Curriculum Committee (UCC) | | | 1/28/2021 |
| No document changes | | | | | |
| Office of the Registrar | | | | | |
| No document changes | | | | | |

| Step | Status | Group | User | Comment | Updated |
|---|---|---|---|---|---|
| Student Academic Support System | | | | | |
| No document changes | | | | | |
| Catalog | | | | | |
| No document changes | | | | | |
| College Notified | | | | | |
| No document changes | | | | | |

| Step | Status | Group | User | Comment | Updated |
|---|---|---|---|---|---|
| Student Academic Support System | | | | | |
| No document changes | | | | | |

# Minor|New for request 14654

## Info

**Request:** Educational Technology Minor
**Description of request:** Request for creating a new minor - Educational Technology
**Submitter:** Nancy Waldron waldron@coe.ufl.edu
**Created:** 2/20/2020 9:24:04 PM
**Form version:** 3

## Responses

### Existing Degree Program Name
*Enter the name of the Degree Program.*

> Response:
> Bachelor of Arts in Education Sciences

### CIP Code
*Enter the six digit Classification of Instructional Programs (CIP) code for the existing degree program. The code has the numerical format XX.XXXX. Contact the Office of Institutional Planning and Research (OIPR) to verify the CIP code for the existing degree program.*

> Response:
> 13.0501

### Existing Minor(s)
*Enter the complete name of each minor that is currently offered under the same degree program.*

> Response:
> NONE

### Proposed Minor Name
*Enter the name of the proposed minor. Example: Mathematical Modeling.*

> Response:
> Educational Technology

### Proposed Transcript Title (Maximum 50 characters)
*Enter the transcript title of the proposed minor (50 character maximum, including spaces).*

> Response:
> Educational Technology Minor

### Code
*Enter the proposed two or three letter specialization code that would uniquely identify the minor in the student information system.*

> Response:
> EDT

**Credits**
*Enter the total required credit hours for the minor.*

Response:
15

**Number of Students**
*Enter the expected number of new students enrolled in this minor in the first three years.*

Response:
50

**Effective Term**
*Enter the term (semester and year) that the proposed minor would start.*

Response:
Earliest Available

**Effective Year**

Response:
Earliest Available

**Percentage of Credits Available Fully Online**
*Indicate the percentage of course credits that will be available through full online courses.*

Response:
100%

**Percentage of Credits Available Off-Campus**
*Indicate the percentage of course credits that will be available away from the main Gainesville campus (including courses with onsite &ndash; off main campus meetings).*

Response:
<25%

**Rationale and Place in Curriculum**
*Describe the rationale for offering this new minor and having it on the transcript and the degree of its overlap with existing minors (both in the degree program and in other degree programs at the university), and a justification for any such overlap.*

Response:
The purpose of the Educational Technology minor is to prepare students who seek positions as instructional designers, media specialists, instructional technologists, and instructional developers for a wide range of work environments including government, corporate, K-12, higher education, medical, and military. The proposed minor would enhance skills for students completing other majors and will be offered fully online, which provides much needed flexibility for adult learners or students who are completing other academic programs. The Educational Technology minor will

be available to traditional campus-based, Innovation Academy, and UF Online students.

The proposed undergraduate Educational Technology Minor is grounded in the results of comprehensive analysis focused on a) the current academic program offerings in the State of Florida and b) employment demands at the national level. The systematic needs assessment was conducted by the faculty in the UF Educational Technology program. The analysis of public and private institutions of higher education in Florida (55 universities and 51 colleges), shows that the minor in educational technology is gaining recognition. Educational Technology programs/minors are typically offered at the graduate levels; however, there is a notable trend of initiating baccalaureate degrees across universities in the US.

Furthermore, results of a systematic needs assessment focused on market demands for educational technology specialists provides a convincing rationale for establishing this minor program. The faculty analyzed 400 job announcements in the field, and found that 295 of the 400 job announcements (approximately 74%) required only a bachelor's degree. Additionally, according to the 2018 Global eLearning Salary and Compensation report, the average salary of a US professional working in the field was $79,834. The Educational Technology faculty strongly believe that this competitive salary rate coupled with the job market demands will influence prospective students to pursue this minor.

The University of Florida College of Education presently offers a specialization in Educational Technology as a part of the undergraduate Education Sciences major as well as two master's degrees in curriculum and instruction with a concentration in Educational Technology. The intent of the proposed minor is to provide additional opportunities to students from other academic disciplines to become engaged in professional careers in educational technology or to pursue graduate studies in this field. The minor is a complement not just to the existing Educational Technology programs but also contributes to the diversity of minor offerings at the college level.

The minor program comprises the following approved and fully developed courses.

CURRICULUM:
Students complete 15 credits for this minor:
- EME2040        Introduction to Educational Technology
- EME3813        Technology Enhanced Learning Environment
- EME3319        Design and Development of Educational Multimedia
- EME4673        Introduction to Instructional Design
- EME4320        Instructional Development for Teaching and Learning

**Impacts on Other Programs**
*Describe any potential impact on other programs or departments, including increased need for required or elective courses outside of the existing program.*

Response:
In support to other programs the Educational Technology minor offers coursework strongly centered around design and development of instructional materials which provides transferable knowledge and advanced hands-on skills across a variety of academic disciplines.

There are two programs that have some overlap related to computers/technology. The first, Computer Science, is focused more on the technical expertise required for computing-related activities. We partner with the Computer Science faculty on other initiatives, and our focus on the educational aspects of technology complement rather than compete with their program offerings. The other relevant program, Digital Arts and Sciences, focuses on connections between arts, communication, and engineering. Our focus on technology to enhance learning environments does not conflict.

# EDUCATIONAL TECHNOLOGY

## MINOR

The Educational Technology minor focuses on facilitating the educational process in technology-infused 21st century learning environments. This program is designed for future professionals who are seeking a career in educational institutions or industry, small and medium business or corporate settings. Possible employment opportunities include but are not limited to: media specialist, instructional designer, technology trainer, media or web developer or eLearning consultant.

### ABOUT THIS PROGRAM
- **College:** Education
- **Credits:** 15 | Completed with minimum grades of C
- **Contact:** Email: studenthelp@coe.ufl.edu | 1-106 Norman Hall | 352.273.4376

The minor combines learning theories, technology, multimedia and creativity to build a unique professional skill set aimed to empower teaching and learning in real-world situations. Students will utilize advance technology and gain hands-on proficiency in creating interactive and engaging multimedia products that are in high demand.  Beyond utilizing hardware and software, the minor provides students with solid pedagogical foundations, contemporary research, and proven practices for improving learning outcomes.

The minor welcomes undergraduate students who prefer a flexible online learning schedule and activities. All required courses are offered fully online.

At the completion of the minor, students will have created a Web portfolio showcasing their mastery in designing, developing and utilizing a variety of digital multimedia products and technology to enhance learning effectiveness.

### PREREQUISITES

- Apply for the minor after earning 45 credits and before earning 100 credits.

- Minimum 2.0 GPA is required. All 3000 and 4000 level courses in the minor must be taken at UF.

- Obtain college approval on the application for minor before submitting the form to 1-106 Norman Hall.

### REQUIRED COURSES

| Code | Title | Credits |
|------|-------|---------|
| EME 2040 | Introduction to Educational Technology | 3 |
| EME 3319 | Design and Development of Educational Multimedia | 3 |
| EME 3813 | Technology-Enhanced Learning Environment | 3 |

| Code | Title | Credits |
|------|-------|---------|
| EME 4673 | Introduction to Instructional Design | 3 |
| EME 4320 | Instructional Development for Teaching and Learning | 3 |
| **Total Credits** | | **15** |
| Course List | | |

**Title:** EME 2040 Introduction to Educational Technology (3 Credits)
**Grading Scheme:** Letter Grade
**Prerequisite:** None
**Description:** Introduces computer productivity (word processing, databases, spreadsheets, painting, drawing, layouts); multimedia (media design, digital video, presentation); communications (internet, Eric); educational software (computer-aided instruction, public domain software); interactive media (linked environments, one-to-many, presentations using electronic tools); reference materials (electronic encyclopedia, atlases, clip art, libraries, internet); instructional applications (techniques); and ethical.

**Title:** EME 3319 Design and Development of Educational Multimedia (3 Credits)
**Grading Scheme:** Letter Grade
**Description:** Prerequisite: EME 2040.
Introduces the principles, methods, and tools for the design and development of multimedia applications, including incorporation of sound, animation, still images, video, and other media in educational technology.

**Title:** EME 3813 Technology-Enhanced Learning Environments (3 Credits)
**Grading Scheme:** Letter Grade
**Prerequisite:** EME 2040.
**Description:** Analyzes how people learn in technology-enhanced environments, outlines how the design of technology-enhanced systems can support or undermine learning, and considers critical issues for instructors, designers, and learners in the digital age.

**Title:** EME 4673 Introduction to Instructional Design (3 Credits)
**Grading Scheme:** Letter Grade
**Prerequisite:** EME 2040.
**Description:** Introduces the processes, methods, and techniques involved with systematic design on instruction. Topics include needs assessment, goal analysis, learner and context analysis, performance objectives, assessment instruments, instructional strategies, development procedures, formative and summative evaluation.

**Title:** EME 4320 Instructional Development for Teaching and Learning (3 Credits)
**Grading Scheme:** Letter Grade
**Prerequisite:** EME 4673.
**Description:** Design and develop instructional materials using emerging technologies. Topics include programming, authoring packages, design principles, and development procedures. Development includes web-based and mobile-based authoring and programming activities.

**From:** Jeff Citty, Ed.D. <jcitty@aa.ufl.edu>
**Date:** Friday, March 12, 2021 at 3:23 PM
**To:** Waldron,Nancy L <waldron@coe.ufl.edu>
**Subject:** Re: IA Letter of Support - new Educational Technology minor

Dear Nancy

I'm writing to signal the support of the Innovation Academy (IA) for the proposed Educational
Technology minor.  The proposed minor will be an attractive additional offering for IA
students, in addition to those seeking the Education Sciences major.

Best,

**Jeff Citty, Ed.D.**
**Director**
**Innovation Academy**
**University of Florida**
—

**321 Infirmary, P.O. Box 117545, Gainesville, FL 32611-7545**
**P:(352) 294-1785    F:(352) 273-1691**
**iacademy@ufl.edu**

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**From:** Waldron,Nancy L <waldron@coe.ufl.edu>
**Sent:** Friday, March 12, 2021 1:27 PM
**To:** Jeff Citty, Ed.D. <jcitty@aa.ufl.edu>
**Subject:** IA Letter of Support - new Educational Technology minor

Dear Jeff,

UCC is finalizing our new Educational Technology minor and UCC needs a letter (or email) indicating that
you are supportive of it being approved as a minor option for Innovation Academy.  All minor courses
will be regularly offered at least 2 semesters each year – and we believe this minor will be very
beneficial to interested IA students. Please send the letter/email to me and I will get it uploaded for
UCC.

FYI the proposed catalog copy is attached as well as the link below to the original request in the
Academic Approval System.  If you have any questions, please lmk.

Many thanks and take care,
Nancy

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*Nancy Waldron, PhD*
Associate Dean for Student Affairs & Graduate Education
College of Education, University of Florida
1002A Norman Hall, EduGator Central

**Office of the Director, UF Online**

302 Tigert Hall
PO Box 113245
Gainesville, FL 32611-3245
352-273-4478
352-294-7158 Fax
http://ufonline.ufl.edu

December 8, 2020

University Curriculum Committee
Office of Undergraduate Affairs
235 Tigert Hall
Gainesville, FL 32611

Dear members of the University Curriculum Committee:

With this letter, I convey my full support for the University of Florida (UF) College of Education's efforts to offer a minor in Education Technology via the UF Online pathway. I believe that this minor will contribute positively to the needs of students and equip them with knowledge of an ever-expanding field with opportunities in numerous industries and disciplines.

UF Online looks forward to seeing this program thrive for many years to come!

Sincerely,

Evangeline J. Tsibris Cummings
Assistant Provost and Director of UF Online

*The Foundation for The Gator Nation*
An Equal Opportunity Institution