Term Information

Effective Term	Autumn 2018
Previous Value	*Summer 2012*

Course Change Information

What change is being proposed? (If more than one, what changes are being proposed?)

(1) Name change from "Language and Computers" to "Language and Artificial Intelligence" (2) Change the number of the course from H3802 to H2801

(3) Remove sophomore standing requirement

(4) Change the description of the course

What is the rationale for the proposed change(s)?

(1) The current name is not transparent to students; the new name uses more current terminology.

(2) The course is currently taught at an introductory level. It is also an elective for the Linguistics Major and so 2000 level is appropriate.

(3) While the course content and syllabus will not change because it currently targets a 2000 level, we would like the sophomore standing requirement to be

removed so that the course is open to all students. Being a sophomore provides no needed knowledge base needed to succeed in the course.

(4) We would like to change the description of the course to include more current technological content.

What are the programmatic implications of the proposed change(s)?

(e.g. program requirements to be added or removed, changes to be made in available resources, effect on other programs that use the course)?

There are no programmatic implications.

Is approval of the request contingent upon the approval of other course or curricular program request? No

Is this a request to withdraw the course? No

General Information

Course Bulletin Listing/Subject Area	Linguistics
Fiscal Unit/Academic Org	Linguistics - D0566
College/Academic Group	Arts and Sciences
Level/Career	Undergraduate
Course Number/Catalog	2801H
Previous Value	*3802H*
Course Title	Language and Artificial Intelligence
Previous Value	*Language and Computers*
Transcript Abbreviation	Artificial Intel
Previous Value	*Lang and Computers*
Course Description	What makes Siri tick? How does Google Translate make sense of 100+ languages? And why do they sometimes fail to do what you intend? In this course, you will be given insight into the fundamentals of how computers are used to represent, process and organize textual and spoken information.
Previous Value	*Introduction to human language technology, explaining the computational and linguistic principles behind such familiar technologies as web search, machine translation, and spelling correction.*
Semester Credit Hours/Units	Fixed: 3

Offering Information

Length Of Course	14 Week, 12 Week, 8 Week, 7 Week, 6 Week, 4 Week
Flexibly Scheduled Course	Never

Does any section of this course have a distance education component?	No
Grading Basis	Letter Grade
Repeatable	No
Course Components	Lecture
Grade Roster Component	Lecture
Credit Available by Exam	No
Admission Condition Course	No
Off Campus	Never
Campus of Offering	Columbus

Prerequisites and Exclusions

Prerequisites/Corequisites	Prereq: Honors standing.
Exclusions	Not open to students with credit for Linguist 2801, 3802 or 3802H.
Previous Value	Not open to students with Fresh standing.
Electronically Enforced	Yes
Previous Value	**No**

Cross-Listings

Cross-Listings

Subject/CIP Code

Subject/CIP Code	16.0102
Subsidy Level	Baccalaureate Course
Intended Rank	Freshman, Sophomore, Junior, Senior

Requirement/Elective Designation

General Education course:

    Mathematical or Logical Analysis

The course is an elective (for this or other units) or is a service course for other units

Course Details

Course goals or learning objectives/outcomes

- Students will be able to recognize the fundamentals of how computers are used to represent, process and organize textual and spoken information.
- Student will understand the theory and practice of human language technology.
- Students will evaluate the social and ethical considerations including privacy, job creation and loss due to language technologies, and the nature of consciousness and machine intelligence.

Previous Value

Content Topic List

- Search engines
- Spell checking
- Machine translation
- Dialog systems
- Text classification

Sought Concurrence   No

Attachments

- Ling 3802H — Language and Computers.docx: syllabus - old

  (Syllabus. Owner: McGory,Julia Tevis)

- Ling 2801H — Language and Computers.docx: syllabus - new

  (Syllabus. Owner: McGory,Julia Tevis)

Comments

- It appears the number should be 2801H (not 2802H). Could you please make that change? I cannot do this for you.

  (by Vankeerbergen,Bernadette Chantal on 01/02/2018 01:04 PM)

Workflow Information

Status	User(s)	Date/Time	Step
Submitted	McGory,Julia Tevis	12/29/2017 12:42 PM	Submitted for Approval
Approved	McGory,Julia Tevis	12/29/2017 12:46 PM	Unit Approval
Approved	Heysel,Garett Robert	01/02/2018 11:09 AM	College Approval
Revision Requested	Vankeerbergen,Bernadette Chantal	01/02/2018 01:05 PM	ASCCAO Approval
Submitted	McGory,Julia Tevis	01/02/2018 01:45 PM	Submitted for Approval
Approved	McGory,Julia Tevis	01/02/2018 01:45 PM	Unit Approval
Approved	Heysel,Garett Robert	01/02/2018 02:54 PM	College Approval
Pending Approval	Nolen,Dawn Vankeerbergen,Bernadette Chantal Oldroyd,Shelby Quinn Hanlin,Deborah Kay Jenkins,Mary Ellen Bigler	01/02/2018 02:54 PM	ASCCAO Approval