Undergraduate Programs—NEW COURSE PROPOSAL

**Department**: PHYSICS  
**College**: SCIENCE

**Recommended Course Identification**: (TO OBTAIN A COURSE NUMBER, CONTACT NMALDONADO@FAU.EDU)

**Prefix**: PHZ  
**Course Number**: 3151  
**Lab Code**: (L or C) C

**Complete Course Title**: COMPUTATIONAL PHYSICS

**Effective Date**: (first term course will be offered) FALL 2016

**Credits**: 4

**Textbook Information**:  

**Grading (select only one grading option)**: Regular **X**  
Pass/Fail  
Satisfactory/Unsatisfactory

**Course Description**, no more than three lines**:  
**This course will cover selected topics in numerical computation and computer-assisted analysis, with applications to physical systems.**

**Prerequisites with Minimum Grade**:  
MAC 2313; PHY 3101C

**Corequisites**

**Registration Controls (major, college, level)**

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**Minimum Qualifications Needed to Teach This Course**:  
PH.D. IN PHYSICS

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**WAC/Gordon Rule Course**: YES **X**  
NO

WAC/Gordon Rule criteria must be indicated in syllabus and approval attached to proposal.

Guidelines: [www.fau.edu/wac](http://www.fau.edu/wac)

Faculty contact, email and complete phone number: cheetle@fau.edu; 7-4612

**General Education Requirement (mark X in front of selection)**

- **X** Written Communication
- **X** Math/Quantitative Reasoning
- **X** Science/Natural World
- **X** Society/Human Behavior
- **X** Global Citizenship
- **X** Humanities

General Education criteria must be indicated in the syllabus and approval attached to proposal. Guidelines: [www.fau.edu/ugstudies/GeneralEdCourseApprovalRequests.php](http://www.fau.edu/ugstudies/GeneralEdCourseApprovalRequests.php)

Please consult and list departments that might be affected by the new course and attach comments.

Teaching & Learning (Education)

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**Approved by**:  
Department Chair:  
College Curriculum Chair:  
College Dean:  
U UPC Chair:  
Undergraduate Studies Dean:  
UFS President:  
Provost:  

**Date**: 1/29/16

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1. Syllabus must be attached; syllabus checklist recommended, see guidelines and checklist: [www.fau.edu/academic/registrar/UUPCinfo](http://www.fau.edu/academic/registrar/UUPCinfo)

2. Review Provost Memorandum: Definition of a Credit Hour  

3. WAC approval (attach if applicable)

4. Gen. Ed. approval (attach if applicable)

5. Consent of affected departments (attach if applicable)

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Mail this form and syllabus to mjennng@fau.edu seven business days before the U UPC meeting.

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FAU New course UG—Revised July 2015