ITP 150 – Python Programming - Entails instruction in fundamentals of object-oriented programming using Python. Emphasizes program construction, algorithm development, coding, debugging, and documentation of Python applications. Lecture 3-4 hours. Total 3-4 hours per week. 3-4 credits
# MOUNTAIN EMPIRE COMMUNITY COLLEGE
## REQUEST FOR COURSE APPROVAL

### Part One: Fill in the requested information

<table>
<thead>
<tr>
<th>Course Name:</th>
<th>Python Programming</th>
<th>Course Number:</th>
<th>ITP 150</th>
</tr>
</thead>
<tbody>
<tr>
<td>Credit Hours:</td>
<td>3</td>
<td>Lecture Contact Hours:</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Lab Contact Hours:</td>
<td>0</td>
</tr>
</tbody>
</table>

- **Minimum VCCS Instructor Qualifications (as stated in the VCCS 29):**
  - Master's related to teaching field + 15 graduate semester hours obtained subsequent to the Master's
- **Special Instructor Certifications/ Requirements:**
  - Must have taught Programming Courses

Does the change need to be sent to the VCCS, SCHEV or SACSCOC? **Yes [x] No [ ]**

If yes, enter the appropriate response:
- Co-requisite: None
- Prerequisite: None

Does MECC currently offer a course with similar content? **Yes [x] No [ ]**

- If yes, list the course(s): ITP 270 - Programming for Cybersecurity (Python)

Reason for offering this course:
- Curriculum change in the Computer Software Specialist Degree and Software Development II Certificate

Institutional resources needed:
- None

In which degree/certificate programs will this course be used:
- Computer Software Specialist and Software Development II

### Core Competencies

Indicate to what extent this course will contribute to the following core competencies:

- **Written Communication**: Minimal (1)
- **Critical Thinking**: Significant (3)
- **Civic Engagement**: Minimal (1)
- **Quantitative Literacy**: Significant (3)
- **Scientific Literacy**: Moderate (2)
- **Professional Readiness**: Minimal (1)

### Part Two: State the course description as listed in the VCCS Master Course File

Entails instruction in fundamentals of object-oriented programming using Python. Emphasizes program construction, algorithm development, coding, debugging, and documentation of Python applications.

### Part Three: Print and obtain approval signatures as indicated below:

- **Recommended:** Division Dean/Director:
  - [Signature]
  - Date: 9/1/21

- **Reviewed:** Chair, Instruction & Curriculum Committee:
  - [Signature]
  - Date: 10/1/21

- **Approved:** Vice President, Academic Affairs and Workforce Solutions:
  - [Signature]
  - Date: 10/16/21

After approval - Copies sent to I&C Chair, Division Dean/Director, Dean of Enrollment Services, Community Relations, and Library. Original request is filed in the VP of Academic Affairs and Workforce Solutions.

Revised 4/12/21