



<b>DO NOT TYPE IN THIS BOX</b>
Bulletin # : _____
Academic Year : _____

**FLORIDA INTERNATIONAL UNIVERSITY  
UNIVERSITY CURRICULUM COMMITTEE**  
*Proposal for a New Course*

- School/College** Engineering and Computing ▼  
**Div./Dept. in Which Taught** School of Computing and Information Sciences
- |              |           |               |                        |          |   |
|--------------|-----------|---------------|------------------------|----------|---|
| <u>CIS</u>   | <u>5</u>  |               |                        | <u>3</u> | <b>CIP Code (Leave this blank):</b> _____ |
| Alpha Prefix | 1st Digit | Last 3 Digits | "C"-lec-lab<br>"L"-Lab | Cr. Hrs. |   |
- Grading Method (select one):**  Graded  Pass/Fail
- Course Title** Advanced AI/ML Techniques for Digital Forensic Applications
- Abbreviated course Title (for computer class schedules, transcripts)** Advanced Digital Forensic  
LIMITED TO 25 Characters (including spaces)
- Statewide Course Numbering Subject Matter Area** CIS (Computer Science and Information Systems)
- Catalog Description/Major Topics (not to exceed 200 characters including spaces)**  
*College of Medicine and College of Law: Attach description not exceeding 1,000 characters including spaces.*

Presents advanced AI/ML-based concepts in forensic software, tools, technology. Provides experience in selection and use of different tools for analyzing evidence and aiding investigations.

- Attach detailed syllabus course outline and course justification on separate page(s).**
- Prerequisite(s):** Graduate standing
- Corequisite(s):** None
- Objective(s) of Course:**

Understand the concepts of Forensic Software, hardware, tools, technology and practices along with experience of using different forensic tools for analyzing evidence and aid in investigation.

- Does this course duplicate/overlap other courses at FIU?**  No  Yes  
If yes, please explain: \_\_\_\_\_
- What other closely related department(s) have been consulted about this course?**  
Reviewed courses offered at ECE. Ours is focused on AI/ML techniques
- Is this course used for the assessment of a program or a certificate (if yes, then send a notification to assessment@fiu.edu)?**  No  Yes

**PROPOSAL REQUESTED BY:**

<b>Faculty Contact</b> <u>S. S. Iyengar</u>		<u>02 / 02 / 2021</u>
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<b>Chairperson (Dept./Div.)</b> <u>Jason Liu</u>		<u>02 / 02 / 2021</u>
	<b>(Type name)</b>	<b>(Signature)</b>
<b>Chairperson (Curr. Comm.)</b> <u>Wei-Chiang Lin</u>		<u> / / 2021</u>
	<b>(Type name)</b>	<b>(Signature)</b>
<b>College/School Dean</b> <u>John Volakis</u>		<u> / / 2021</u>
	<b>(Type name)</b>	<b>(Signature)</b>

**Submit one original form. Attach one copy of the course justification and course syllabus, course description, objectives, major topics and textbooks.**