

# Instructions

This New Course form will enable you to propose a new course. To initiate this proposal, you will need to provide information regarding:

- Justification for New Course
- College/ School
- Department
- Career (Undergraduate, Graduate, Law, or Medicine)
- Experimental Course
- Course Prefix
- Course Level (1000, 2000, 3000, etc.)
- Course Designation (Laboratory, Combined, or N/A)
- Course Title (Long and Abbreviated)
- Course Description
- Global Learning designation (if applicable)
- Grading method
- Effective Term
- Syllabus
- Number of credit hours
- Course prerequisites and corequisites

The Course Review Subcommittee, a standing committee of the University Curriculum Committee, will review this course proposal and recommend approval to the FIU Faculty Senate. The members that comprise these governing bodies may not understand the nuances of your department or academic discipline. Therefore, you will be required to provide a justification for explaining the need for this new course. The Course Review Subcommittee requests that justifications be specific and written for an audience that is unfamiliar with your department and program. You will also be required to attach a syllabus for the course you are proposing. Required criteria for the syllabus are provided at the end of this form.

# Justification for New Course

Please provide a justification explaining the need for the proposed new course.

CIS4510 IT Project Management

## Course Justification

An IT project management course is essential for IT students, as it equips them with the practical and strategic skills necessary to manage complex software projects effectively. Here are the key reasons for its inclusion:

- 1. High Industry Demand:** There's a growing need for IT professionals who can manage projects, align them with business objectives, and deliver results within scope, on time, and within budget. Project management skills are highly valued across industries, including IT consultancy, where IT professionals are expected to advise clients on optimizing project delivery and aligning IT solutions with business needs increasing graduates' employability.
- 2. Demand for Global Emerging Trends:** Global emerging trends in IT project management, such as digital transformation, cloud technologies, and remote work, are reshaping how projects are executed. Cloud technology enables seamless collaboration across global teams, making it essential for IT project managers to manage distributed workforces and integrate diverse tech solutions effectively. The rise of outsourcing and offshoring also requires navigating time zone challenges, aligning teams across cultures, and adapting methodologies to dynamic, international environments. These trends highlight the need for flexibility, strong communication, and strategic project management in the evolving IT landscape.
- 3. Preparation for Industry Certifications:** Certifications like PMP, Prince2, and CSM are highly regarded in the tech industry. A software project management course prepares students with the foundational knowledge required for these certifications, enhancing their career prospects.
- 4. Development of Essential Leadership and Team Management Skills:** Managing software projects involves working with cross-functional teams and diverse stakeholders. This course helps students build communication, leadership, and conflict resolution skills, which are essential for successful teamwork and project outcomes.
- 5. Risk Management and Problem Solving:** Projects face various risks that need proactive management. Students learn to identify, analyze, and mitigate risks, preparing them to handle real-world challenges in IT and consulting roles.
- 6. Quality Assurance and Ethical Responsibility:** This course emphasizes maintaining software quality and upholding ethical standards, crucial in today's data-driven world. Students learn to deliver reliable

software that meets both technical and ethical standards.

7. Alignment with Business Goals: Effective project management ensures that software projects support organizational objectives. This skill is especially valuable in IT consulting, where professionals must demonstrate how their work adds strategic value to clients.

In summary, an IT project management course provides IT students with vital skills in planning, risk management, leadership, and quality assurance, making them well-rounded professionals ready to succeed in diverse tech roles.

## Course Information

**College/School**

CENGR - College of Engineering & Comp

**Department(s)**

Knight Foundation School of Comptg & Info Sciences

**Career**

Undergraduate

**Will this be an Experimental Course?**

No

**Course Prefix**

CIS

**Course Level**

Level - 4XXX

**Course Designation**

N/A - This course will not have a designation.

**Long Course Title**

IT Project Management

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Begin typing the abbreviated course title for the proposed course. Abbreviated titles are shown on student transcripts. Please keep abbreviated titles intelligible to a general audience.

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**Course Description**

This course introduces the principles, methodologies, and tools needed to effectively manage IT projects from project initiation and planning to risk management, quality assurance, and emerging trends. This course equips students with practical skills for managing IT projects, using case studies and real-world examples for successful project delivery in dynamic tech environments.

**Global Learning Designation**

No

**Grading Method**

GRD - Graded

**Split Ownership - Registrar View only**

No

**Department Owners - Registrar View only**

-

## Effective Term

**Status - Registrar View only**

Active

**Effective Start Term**

Fall

## Administrative Course Detail

**Peoplesoft Course ID**

-

**Course Offer Number - Registrar View only**

1

**Catalog Number - Registrar View only**

-

**Exam Only Course - Registrar View only**

No

**Equivalent Course Group - Registrar View only**

-

**Catalog Print**

Yes

**Print Instructor In Schedule**

Yes

**Requirement Designation - Registrar View only**

-

**Course Fees Exist**  
No

**Last Course of Multi Term Sequence**  
No

**HEGIS Code**  
-

**Allow Integration Sync To SIS - Registrar View**  
Yes

## Course Enrollment Details

**Instructor Edit**  
No Choice

**GL Interface Required**  
No

**Dynamic Class Date Rule**  
-

**Tuition Group**  
-

**OEE Enrollment**  
No

**OEE Dynamic Date Rule**  
No

**Requirement Group - Registrar View only**  
undefined - undefined

## Credit Hours

### Units

**Min Units**  
3

**Max Units**  
-

**Value**  
-

**Operator**  
-

**Course Count**  
1

**Repeat for Credit**  
No

**Number of Repeats**  
-

**Total Units Allowed - Registrar View**  
-

## Prerequisite(s) and Corequisite(s)

**Instructions**

To denote prerequisite(s) or corequisite(s), use the "Embed Course Link" (book icon) in the toolbar above each box. Click the icon. Then, search using the prefix and number of the course you wish to add. Then click "Embed Link".

If there are no prerequisite(s) or corequisite(s), please type "N/A" in each text box.

**Prerequisite(s)**

COP 3337 or COP 3804 or COP 3045

**Corequisite(s)**

N/A

## Additional Information

**Does this course duplicate/overlap other courses at FIU?**

No

**If so, please explain...**

-

**What department(s) were consulted about this course?**

-

**Please upload documentation of this communication (memo, email, etc.)**

-

**Will this course be used for the assessment of a program or a certificate? (Checking Yes will automatically notify assessment.fiu.edu)**

No