POINT LOMA NAZARENE UNIVERSITY

Mathematics Information and Computer Sciences (MICS)/STEM

ISS 3042 Project Management & Quality Assurance

2 Units
Fall 2026
Meeting days/times: TR 7:25 am – 8:20 am
Meeting location: Rohr Science 265
Final Exam: Tuesday December 15, 7:30-10:00 a.m

Course Information	**Specifics for the Course**
Instructor title and name:	**Professor Noah Spahn**
Phone:	x2401
Email:	nspahn@pointloma.edu
Office location and hours:	Rohr Science 210: signup form

PLNU Mission

To Teach ~ To Shape ~ To Send

Point Loma Nazarene University exists to provide higher education in a vital Christian community where minds are engaged and challenged, character is modeled and formed, and service is an expression of faith. Being of Wesleyan heritage, we strive to be a learning community where grace is foundational, truth is pursued, and holiness is a way of life.

MICS Department Mission

The Mathematical, Information, and Computer Sciences department at Point Loma Nazarene University is committed to maintaining a curriculum that provides its students with the tools to be productive, the passion to continue learning, and Christian perspectives to provide a basis for making sound value judgments.

Course Description

This course discusses the processes, methods, techniques and tools that organizations use to manage their information systems and software development projects. This course covers a systematic methodology for initiating, planning, executing, controlling, and closing projects. It also looks at techniques including unit testing for quality assurance.

Program and Course Learning Outcomes

Graduates of the program will be able to:

- demonstrate general knowledge of theories and practices in the core areas of business.
- critically analyze and apply business knowledge to solve complex business situations.
- demonstrate effective business communication through both written and verbal means.
    - Students will be able to speak about their work with precision, clarity and organization
    - Students will be able to write about their work with precision, clarity and organization
    - Students will be able to identify, locate, evaluate, and effectively and responsibly use and cite information for the task at hand.
- formulate decisions informed by ethical attitudes and values.
- collaborate effectively in teams.
- write correct and robust software.
- analyze the interaction between hardware and software.
- apply their technical knowledge and critical thinking to solve problems.
- understand and create arguments supported by quantitative evidence.
- understand the professional, ethical, and social issues and responsibilities with the implementation and use of technology.

Course Learning Outcomes (CLOs):

Upon successful completion of this course, students will:

1. **Explain** and apply project management methodologies to a given business problem.
2. **Create** a project plan around a given business problem.
3. **Identify** project risks and ways to mitigate those risks.
4. **Use** information management as a tool to support decision-making in business environments.
5. **Write** and speak about their work with precision, clarity, and organization
6. **Collaborate** effectively in teams.

Required Texts and Recommended Study Resources

All supplemental materials posted on this course site (including articles, book excerpts, or other documents) are provided for your personal academic use. These materials may be protected by copyright law and should not be duplicated or distributed without permission of the copyright owner.

- ***Information Technology Project Management, 9th Edition,*** by Kathy Schwalbe

We will be using Microsoft Planner and other tools to solidify our understanding of the project management concepts. To access the software, follow the guide.

Course Credit Hour Information

In the interest of providing sufficient time to accomplish the stated Course Learning Outcomes, this class meets the PLNU credit hour policy for a 2 unit class delivered over 15 weeks. It is anticipated that students will spend a minimum of 37.5 participation hours per credit hour on their coursework.

Assessment and Grading

Grades will be based on the following:

A	B	C	D	F
A 93-100	B+ 87-89	C+ 77-79	D+ 67-69	F Less than 59
A- 90-92	B 83-86	C 73-76	D 63-66	
	B- 80-82	C- 70-72	D- 60-62	

Final Examination Policy

Successful completion of this class requires taking the final examination on its scheduled day. The final examination schedule is posted on the Traditional Undergraduate Records: Final Exam Schedules site. If you find yourself scheduled for three (3) or more final examinations on the same day, you are authorized to contact each professor to arrange a different time for *one* of those exams. However, unless you have three (3) or more exams on the same day, no requests for alternative final examinations will be granted.

PLNU Artificial Intelligence (AI) Policy

You are allowed to use Artificial Intelligence (AI) tools (e.g., ChatGPT, Gemini Pro, GrammarlyGo, Perplexity, etc.) to generate ideas, as a learning tool, or in some cases generate portions of work you will submit. I will specify in individual assignments what constitutes

appropriate use of AI for that assignment. Please use this Purdue resource to guide your citations when using AI.

Incompletes and Late Assignments

All assignments are to be submitted/turned in by the beginning of the class session when they are due—including assignments posted in Canvas. Incompletes will only be assigned in extremely unusual circumstances.

PLNU Academic Accommodations Policy

PLNU is committed to providing equal opportunity for participation in all its programs, services, and activities in accordance with the Americans with Disabilities Act (ADA). Students with disabilities may request course-related accommodations by contacting the Educational Access Center (EAC), located in the Bond Academic Center, by email or phone at 619-849-2533. Once a student's eligibility for an accommodation has been determined, the EAC will work with the student to create an Accommodation Plan (AP) that outlines approved accommodations. Professors are able to view a student's approved accommodations through Accommodate. PLNU highly recommends that students speak with their professors during the first two weeks of each semester/term about the implementation of their approved accommodations in that particular course. Accommodations are not retroactive; as such, clarifying with the professor at the outset is one of the best ways to promote positive academic outcomes.
Students who need accommodations for a disability-related need should contact the EAC as early as possible (i.e., ideally before the beginning of the semester) to assure appropriate accommodations can be provided. In accordance with ADA, accommodations cannot constitute a fundamental alteration to course outcomes; therefore, planning ahead is vital in establishing appropriate accommodations for equal access to this course. It is the student's responsibility to make the first contact with the EAC. Students cannot assume that because they had accommodations in the past, their eligibility at PLNU is automatic. All determinations at PLNU must go through the EAC eligibility process. This is to protect the privacy of students with disabilities who may not want to disclose this information and are not asking for any accommodations.

LomaBooks Instructions for Students

This course is part of our course material delivery program, **LomaBooks**. The bookstore will provide each student with a convenient package containing all required physical materials; all digitally delivered materials will be integrated into Canvas.
You should have received an email from the bookstore confirming the list of materials that will be provided for each of your courses and asking you to select how you would like to receive any printed components (in-store pick up or home delivery). If you have not done so already, please confirm your fulfillment preference so the bookstore can prepare your **LomaBooks** materials.

Additional Course Information

Additional PLNU policies and practices that apply to this course can be found at the TUG Syllabus policy portion doc.

Course Summary:

Date	Details	Due
Tue Sep 1, 2026	Quiz Academic Honesty Verification Statement	due by 8:20am
	Page Week 1 Overview	to do: 8pm
Thu Sep 3, 2026	Quiz Wk 1 | Chapter 1 Quiz	due by 7:35am
Mon Sep 7, 2026	Page Week 2 Overview	to do: 8pm

Tue Sep 8, 2026	Quiz Wk 2 | Chapter 2 Quiz	due by 7:35am
Thu Sep 10, 2026	Quiz Wk 2 | Chapter 3 Quiz	due by 7:35am
Mon Sep 14, 2026	Page Week 3 Overview	to do: 8pm
Tue Sep 15, 2026	Quiz Wk 3 | Chapter 4 Quiz	due by 7:35am
Thu Sep 17, 2026	Quiz Wk 3 | Cumulative Quiz	due by 7:35am
Tue Sep 22, 2026	Quiz Wk 4 | Chapter 5 Quiz	due by 7:35am
Thu Sep 24, 2026	Quiz Wk 4 | Review Quiz	due by 7:35am
Tue Sep 29, 2026	Quiz Wk 5 | 2nd Review Quiz	due by 7:35am

Thu Oct 1, 2026	Assignment Milestone 1	due by 7:25am
	Quiz Wk 5 | 3rd Review Quiz	due by 7:35am
Tue Oct 6, 2026	Quiz Wk 6 | Mid-Term Exam 1	due by 8:20am
Sun Oct 11, 2026	Quiz Wk 6 | Mid-Course Survey	due by 11:59pm
Tue Oct 13, 2026	Quiz Wk 7 | Chapter 6	due by 7:35am
Thu Oct 15, 2026	Quiz Wk 7 | Chapter 6 again	due by 7:35am
Tue Oct 20, 2026	Quiz Wk 8 | Chapter 7	due by 7:35am
Thu Oct 22, 2026	Quiz	due by 7:32am

	Wk 8 | Chapter 7 again	
Tue Oct 27, 2026	Quiz Wk 9 | Chapter 8	due by 7:25am
Thu Oct 29, 2026	Assignment Milestone 2	due by 7:25am
	Quiz Wk 9 | Chapter 8 again	due by 7:25am
Tue Nov 3, 2026	Assignment wk 10 | Ch9	due by 7:32am
Thu Nov 5, 2026	Assignment wk 10 - ch10	due by 7:32am
Tue Nov 10, 2026	Quiz Wk 11 | Mid-Term Exam 2	due by 8:20am
Thu Nov 12, 2026	Assignment wk 11 | ch11	due by 7:32am

Tue Nov 17, 2026	Assignment wk 12 | ch11	due by 7:32am
Thu Nov 19, 2026	Assignment Milestone 3	due by 7:25am
	Assignment wk 12 | ch12	due by 7:32am
Tue Dec 1, 2026	Assignment wk 14 | ch13	due by 7:32am