

Software Product Management Specialization (6 courses)

<https://www.coursera.org/specializations/product-management>

Contents

Course 1: Introduction to Software Product Management	1
Course 2: Software Processes and Agile Practices	1
Course 3: Client Needs and Software Requirements.....	2
Course 4: Agile Planning for Software Products	2
Course 5: Reviews & Metrics for Software Improvements	2
Course 6: Software Product Management Capstone.....	2

The image is a screenshot of the Coursera course page for the 'Software Product Management Specialization'. The header shows the breadcrumb 'Browse > Computer Science > Design and Product'. The course title 'Software Product Management Specialization' is prominently displayed in white text on a dark green background. Below the title, a subtitle reads 'Create Better Software using Agile Practices. Master Agile development and effective interactions to drive the making of great software products'. A star rating of 4.7 with 8,270 ratings is shown. The University of Alberta logo and name are in the top right corner. A small profile picture and the name 'Kenny Wong' are visible in the bottom left corner of the course card.

In this Software Product Management Specialization, you will master Agile software management practices to lead a team of developers and interact with clients.

In the final **Capstone Project**, you will practice and apply management techniques to realistic scenarios that you will face as a Software Product Manager. You will have the opportunity to share your experiences and learn from the insights of others as part of a Software Product Management.

You will gain practical management experience in a safe, simulated software production setting. You will apply agile practices and techniques to conquer industry-inspired challenges. Interacting with a realistic client, you will discern what they want, what they truly need, and express that as software requirements to drive software production. Upon completing the capstone, you will be prepared to advance your career as a confident software product management professional.

Course 1: Introduction to Software Product Management

This course highlights the importance and role of software product management. It also provides an overview of the specialization, as well as its goals, structure, and expectations. The course explains the value of process, requirements, planning, and monitoring in producing better software.

Course 2: Software Processes and Agile Practices

This course delves into a variety of processes to structure software development. It also covers the foundations of core Agile practices, such as Extreme Programming and Scrum.

Course 3: Client Needs and Software Requirements

This course covers practical techniques to elicit and express software requirements from client interactions.

Course 4: Agile Planning for Software Products

This course covers the techniques required to break down and map requirements into plans that will ultimately drive software production.

Upon successful completion of this course, you will be able to:

- Create effective plans for software development
- Map user requirements to developer tasks
- Assess and plan for project risks
- Apply velocity-driven planning techniques
- Generate work estimates for software products

Course 5: Reviews & Metrics for Software Improvements

This course covers techniques for monitoring your projects in order to align client needs, project plans, and software production. It focuses on metrics and reviews to track and improve project progress and software quality.

Course 6: Software Product Management Capstone

In this six-week capstone course, you will gain practical management experience in a safe, simulated software production setting. You will apply Agile practices and techniques to conquer industry-inspired challenges. Interacting with a realistic client, you will discern what they want and express what they truly need in software requirements to drive software production. Upon completing the capstone, you will be prepared to advance your career as a confident software product management professional.