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Code 300 Career Path User Guide

I. Introduction

The Code 300 Career Path Web site provides information about positions, competencies, and transition requirements for various career paths.

II. Code 300 Career Path Website

A. The Home Page

On the home page, there are roadmaps for three career paths – Management Path, Technical Path and Administrative Path. The roadmaps are collapsed under the roadmap titles when the user first comes to the page. They can be expanded or collapsed by clicking the arrow to the right of the roadmap title.

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B. Roadmaps

The career path roadmap is in table format. The horizontal rows are for disciplines. The columns are GS levels beginning from GS7 on the left to GS15 on the right.

The leftmost cell in a row contains a discipline name in a blue bubble. Each of the other cells in that horizontal row has a blue bubble that represents a position of a particular GS level.

A cell can be empty if there is no position of that GS level from a discipline. Or it may contain multiple bubbles if there are more than one position for that GS level.

Arrows directed from one position to another represent position transitions.

Here is a screenshot of the Technical Path.

Technical Path								
Discipline	GS7	GS9	GS11	GS12	GS13	GS14	GS15	Bridge to other GSFC positions
SE							15 SMASE	→
SRO							15 SSRM	→
CSO						14 CSO 14 PAL	15 SCSO 15 PAM	→
MOA				12 JMOE	13 SOME	14 JMAO	15 SMAO	→
SSE	7 JSSE	9 SSE	11 JPSE	12 PSE	13 PSM	14 SPSM	15 SM/CE	→
REL	7 JMRE	9 JRE	11 RE	12 SRE	13 JRL	14 SRL	15 RM/CE	→
QA	7 TBD	9 TBD	11 TBD	12 JPAE	13 SPAЕ			→

C. Discipline Information

To see information about a Discipline, click on the Discipline blue bubble, a dialog box or in the case of accessible version, a new browser pane will open up.

The dialog box or new pane contains discipline description, a hyperlink to the competency wheel, and discipline transition requirements.



Clicking on “Competency Wheel”, another dialog box or browser pane will open up, where users see an animated competency wheel. The inner circle in the middle of the wheel has a discipline name. Out of that are competency group names. The outermost part of the wheel are competencies relevant to a group.

Users have the option of viewing an accessible, printable version.

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The competency group names are clickable. It brings up a pop-up window, or, in the case of accessible version, a browser window, where users can view detailed list of competencies for that group.

D. Position Information

Users can get detailed information about a position by clicking on the blue bubble in the cell. The position dialog box or, in the case of accessible version, contains position description, a View In-Grade Transition hyperlink, a Current USAJOBS.com openings hyperlink, and education, skills and competencies required for this position.

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Systems Safety Engineer

The incumbent is included within a specialty that involves responsibilities to advise on , coordinate, and monitor the engineering systems safety program for all space and aeronautical programs.

[View In-Grade Transitions](#)

[Current Opportunities/Opening at USAJOBS](#)

Education:

- Must possess a Bachelor's Degree in an appropriate field of Engineering, Mathematics, or Physical Science

Skills:

- Technical Background with experience in Hazard Analysis.
- Both verbal and written communication and interpersonal skills
- Knowledge of barriers to mission success
- Decision-making

Below is the View In-Grade Transition window.

Grade 9 In-Grade Transition

System Safety Engineering is the application of scientific and engineering principles, techniques, and analysis (e.g., hazard analysis), to identify, reduce, and control safety risks/hazards (e.g., human death or injury, destruction of property, loss of mission, and environmental harm) to the lowest level permitted by the nature of a given project to assist with the prevention of foreseeable accidents and minimize the effects of unforeseen ones. It is applied throughout all phases of a project life cycle through launch, starting in the concept/design phase with a systematic approach to hazard identification and establishment of safety criteria, and then implementing a continual methodology for hazard elimination or reduction and control verification while assuring compliance with design criteria and ensuring management awareness of potential risks. System Safety programs to ensure the management of system hazards as opposed to eliminating component failures as in reliability engineering.

III. Web site accessibility

This Website is accessible according to the Section 508 standards.

Skip to Main Content: Once clicked, the accessible mode is triggered. Skips navigation and takes users to the career path roadmaps. All roadmaps will become expanded.

Roadmap titles: The H key can be used to move from one roadmap title to the next. Use SHIFT+H to move back to the previous roadmap title.

Roadmap table: Users can move between cells within a roadmap table by holding Ctrl+Alt and pressing the arrow keys.

Disciplines, positions and transitions: Once a discipline or position bubble or a transition arrow is clicked, a new browser window will be brought up to display the information. For user convenience, pop-up dialog boxes are not used..

Competency Wheels: There is an “Accessible and printable version” hyperlink on the upper left corner of the Competency Wheel browser pane. User can click this link and view all competency information in one browser window.