

System Safety Fundamentals
NASA FIRST
RAQUEL REDHOUSE

2004
In a...
Equal...
...



1
00:00:09,900 --> 00:00:11,170
My name is Raquel Redhouse.

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00:00:11,170 --> 00:00:12,680
I work at Glenn Research Center.

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00:00:12,680 --> 00:00:16,770
I'm an aerospace engineer, and I work on the Orion vehicle.

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00:00:16,770 --> 00:00:22,480
The work that I do is important within NASA because it directly supports the missions

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00:00:22,480 --> 00:00:28,000
and goals, but outside of NASA it helps all of humanity.

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00:00:28,000 --> 00:00:35,710
It develops technology, new products; it inspires students to look into STEM fields.

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00:00:35,710 --> 00:00:37,750
The list just goes on and on.

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00:00:37,750 --> 00:00:39,680
It's a lot of fun.

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00:00:39,680 --> 00:00:47,470
First, I just love that I'm helping to be a part of space history and, then the other,

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00:00:47,470 --> 00:00:52,430
on a daily basis I'm working with technical experts so I'm also learning something each

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00:00:52,430 --> 00:00:53,680
and every day.

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00:00:53,680 --> 00:00:56,780

I am most inspired by my son.

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00:00:56,780 --> 00:01:02,650

Once he was born, I wanted to be able to be a role model to him—to show him that you

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00:01:02,650 --> 00:01:05,180

know you don't give up on what you had already started.

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00:01:05,180 --> 00:01:09,930

So he really helped me to get back into school and finish my degree.

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00:01:09,930 --> 00:01:15,850

The advice I would give to someone who would want to go into systems engineering would

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00:01:15,850 --> 00:01:28,250

be to not only ace your college courses, but on top of that, I would strongly suggest taking

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00:01:28,250 --> 00:01:33,830

some personal development courses, and taking some teamwork and collaboration because it

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00:01:33,830 --> 00:01:38,520

really helps in this because you interface with a lot of people.

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00:01:38,520 --> 00:01:44,500

I'm inspiring—I hope to be inspiring the youth of today, not only the Native Americans,

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00:01:44,500 --> 00:01:49,590

but all kids that I come in contact—at the ACES programs, in the outreach events, and