# **Dwight Dalton**

#### ME 274 Fundamentals Exam Results

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How can I use my results? This report summarizes your performance on each item/concept of the Fundamentals Exam. For the items you missed, we suggest you review the corresponding sections in your lecturebook, visit the tutorial room, or see your instructor.

# Apparent Strengths: Review Optional

For the topics listed below, you correctly answered the corresponding question on the Fundamentals Exam. Nonetheless, if you do not feel comfortable with any of them, we suggest you review them using the resources linked below or other class resources.

- Q3. Cross Product: Conceptual (see this visual explanation of dot and cross products)
- Q4. Free Body Diagrams (see the course Lecturebook, Section 0.B; or review material from the ME 270 blog)
- Q6. Vector Projection: Unit Vector (see Section 0.A)
- Q7. Cross Product: Calculation (see the course Lecturebook, Section 0.A; or this Youtube video)
- Q10. Vector Projection: Coord. System (see Section 0.A)
- Q11. Vector Projection: Rotated Coord. System (see Section 0.A)
- Q12. Moments (see Section 0.A)

## Apparent Weaknesses: Review of These Topics Suggested

- Q1. Speed Time History (see this video about motion and time)
- Q2. Kinetic Energy Time History (review the course syllabus)
- Q5. Chain Rule (see Section 0.C)
- Q8. Friction (see ME 270 lecturebook)
- Q9. FBD and Multibody Systems (see Sections 0.B, 4.A)

# Domenic Noyola

#### ME 274 Fundamentals Exam Results

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- Q6. Vector Projection: Unit Vector (see Section 0.A)
- Q7. Cross Product: Calculation (see the course Lecturebook, Section 0.A; or this Youtube video)
- Q8. Friction (see ME 270 lecturebook)
- Q10. Vector Projection: Coord. System (see Section 0.A)
- Q11. Vector Projection: Rotated Coord. System (see Section 0.A)
- Q12. Moments (see Section 0.A)

## Apparent Weaknesses: Review of These Topics Suggested

- Q2. Kinetic Energy Time History (review the course syllabus)
- Q4. Free Body Diagrams (see the course Lecturebook, Section 0.B; or review material from the ME 270 blog)
- Q9. FBD and Multibody Systems (see Sections 0.B, 4.A)

# Jannet Motley

#### ME 274 Fundamentals Exam Results

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# Apparent Strengths: Review Optional

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- Q6. Vector Projection: Unit Vector (see Section 0.A)
- Q7. Cross Product: Calculation (see the course Lecturebook, Section 0.A; or this Youtube video)
- Q8. Friction (see ME 270 lecturebook)
- Q9. FBD and Multibody Systems (see Sections 0.B, 4.A)
- Q11. Vector Projection: Rotated Coord. System (see Section 0.A)
- Q12. Moments (see Section 0.A)

### Apparent Weaknesses: Review of These Topics Suggested

- Q3. Cross Product: Conceptual (see this visual explanation of dot and cross products)
- Q4. Free Body Diagrams (see the course Lecturebook, Section 0.B; or review material from the ME 270 blog)
- Q5. Chain Rule (see Section 0.C)
- Q10. Vector Projection: Coord. System (see Section 0.A)

## Eduardo Roach

#### ME 274 Fundamentals Exam Results

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How can I use my results? This report summarizes your performance on each item/concept of the Fundamentals Exam. For the items you missed, we suggest you review the corresponding sections in your lecturebook, visit the tutorial room, or see your instructor.

### Apparent Strengths: Review Optional

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- Q8. Friction (see ME 270 lecturebook)
- Q9. FBD and Multibody Systems (see Sections 0.B, 4.A)
- Q10. Vector Projection: Coord. System (see Section 0.A)
- Q11. Vector Projection: Rotated Coord. System (see Section 0.A)

### Apparent Weaknesses: Review of These Topics Suggested

- Q5. Chain Rule (see Section 0.C)
- Q12. Moments (see Section 0.A)

### Eun Sherrell

### ME 274 Fundamentals Exam Results

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How can I use my results? This report summarizes your performance on each item/concept of the Fundamentals Exam. For the items you missed, we suggest you review the corresponding sections in your lecturebook, visit the tutorial room, or see your instructor.

# Apparent Strengths: Review Optional

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- Q10. Vector Projection: Coord. System (see Section 0.A)
- Q12. Moments (see Section 0.A)

#### Apparent Weaknesses: Review of These Topics Suggested

- Q5. Chain Rule (see Section 0.C)
- Q6. Vector Projection: Unit Vector (see Section 0.A)
- Q7. Cross Product: Calculation (see the course Lecturebook, Section 0.A; or this Youtube video)
- Q8. Friction (see ME 270 lecturebook)
- Q9. FBD and Multibody Systems (see Sections 0.B, 4.A)
- Q11. Vector Projection: Rotated Coord. System (see Section 0.A)

# Ivory Harman

#### ME 274 Fundamentals Exam Results

What is the purpose of the Fundamental Exam? The topics on the Fundamental Exam should be familiar to you from previous courses. In ME 274 we will review and build on these topics (among others). We hope that the Fundamental Exam serves as a tool to help identify fundamental topics in which you may need extra review to ensure your success in ME 274.

How can I use my results? This report summarizes your performance on each item/concept of the Fundamentals Exam. For the items you missed, we suggest you review the corresponding sections in your lecturebook, visit the tutorial room, or see your instructor.

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- Q8. Friction (see ME 270 lecturebook)
- Q9. FBD and Multibody Systems (see Sections 0.B, 4.A)
- Q10. Vector Projection: Coord. System (see Section 0.A)
- Q12. Moments (see Section 0.A)

### Apparent Weaknesses: Review of These Topics Suggested

- Q2. Kinetic Energy Time History (review the course syllabus)
- Q5. Chain Rule (see Section 0.C)
- Q6. Vector Projection: Unit Vector (see Section 0.A)
- Q11. Vector Projection: Rotated Coord. System (see Section 0.A)

### Rozella Pontious

#### ME 274 Fundamentals Exam Results

What is the purpose of the Fundamental Exam? The topics on the Fundamental Exam should be familiar to you from previous courses. In ME 274 we will review and build on these topics (among others). We hope that the Fundamental Exam serves as a tool to help identify fundamental topics in which you may need extra review to ensure your success in ME 274.

How can I use my results? This report summarizes your performance on each item/concept of the Fundamentals Exam. For the items you missed, we suggest you review the corresponding sections in your lecturebook, visit the tutorial room, or see your instructor.

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- Q8. Friction (see ME 270 lecturebook)
- Q10. Vector Projection: Coord. System (see Section 0.A)
- Q11. Vector Projection: Rotated Coord. System (see Section 0.A)

#### Apparent Weaknesses: Review of These Topics Suggested

- Q5. Chain Rule (see Section 0.C)
- Q6. Vector Projection: Unit Vector (see Section 0.A)
- Q7. Cross Product: Calculation (see the course Lecturebook, Section 0.A; or this Youtube video)
- Q9. FBD and Multibody Systems (see Sections 0.B, 4.A)
- Q12. Moments (see Section 0.A)

# Anja Tingey

#### ME 274 Fundamentals Exam Results

What is the purpose of the Fundamental Exam? The topics on the Fundamental Exam should be familiar to you from previous courses. In ME 274 we will review and build on these topics (among others). We hope that the Fundamental Exam serves as a tool to help identify fundamental topics in which you may need extra review to ensure your success in ME 274.

How can I use my results? This report summarizes your performance on each item/concept of the Fundamentals Exam. For the items you missed, we suggest you review the corresponding sections in your lecturebook, visit the tutorial room, or see your instructor.

# Apparent Strengths: Review Optional

For the topics listed below, you correctly answered the corresponding question on the Fundamentals Exam. Nonetheless, if you do not feel comfortable with any of them, we suggest you review them using the resources linked below or other class resources.

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- Q10. Vector Projection: Coord. System (see Section 0.A)
- Q11. Vector Projection: Rotated Coord. System (see Section 0.A)

# Apparent Weaknesses: Review of These Topics Suggested

- Q5. Chain Rule (see Section 0.C)
- Q12. Moments (see Section 0.A)

### Sheree Bluford

#### ME 274 Fundamentals Exam Results

What is the purpose of the Fundamental Exam? The topics on the Fundamental Exam should be familiar to you from previous courses. In ME 274 we will review and build on these topics (among others). We hope that the Fundamental Exam serves as a tool to help identify fundamental topics in which you may need extra review to ensure your success in ME 274.

How can I use my results? This report summarizes your performance on each item/concept of the Fundamentals Exam. For the items you missed, we suggest you review the corresponding sections in your lecturebook, visit the tutorial room, or see your instructor.

### Apparent Strengths: Review Optional

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### Apparent Weaknesses: Review of These Topics Suggested

- Q2. Kinetic Energy Time History (review the course syllabus)
- Q5. Chain Rule (see Section 0.C)
- Q8. Friction (see ME 270 lecturebook)
- Q9. FBD and Multibody Systems (see Sections 0.B, 4.A)
- Q12. Moments (see Section 0.A)

# Jeneva Dyal

#### ME 274 Fundamentals Exam Results

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How can I use my results? This report summarizes your performance on each item/concept of the Fundamentals Exam. For the items you missed, we suggest you review the corresponding sections in your lecturebook, visit the tutorial room, or see your instructor.

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- Q11. Vector Projection: Rotated Coord. System (see Section 0.A)
- Q12. Moments (see Section 0.A)

### Apparent Weaknesses: Review of These Topics Suggested

For the topics listed below, you incorrectly answered the corresponding question on the Fundamentals Exam. We suggest you review these topics because they are fundamental to your success in this course. The relevent sections in your lecturebook, as well as related videos, are listed with the topic.

• Q5. Chain Rule (see Section 0.C)

# Emelda Leyendecker

#### ME 274 Fundamentals Exam Results

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How can I use my results? This report summarizes your performance on each item/concept of the Fundamentals Exam. For the items you missed, we suggest you review the corresponding sections in your lecturebook, visit the tutorial room, or see your instructor.

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