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- Fluid dynamics
- Energetics and propulsion
- Materials and structures
- Flight mechanics
- Navigation, guidance and control
- Acoustics
- Optics
- Electromagnetism and radar
- Signal and image processing
- Information processing
- Data fusion
- Decision aid
- Human behaviour
- Robotics and intelligent systems
- Complex system engineering.

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- Space vehicle and satellite engineering
- Environment
- Air defence systems
- Aerial recognition and defence
- Aerospace contribution to C4ISR systems
- Aerospace science in Network Centric Warfare
- Aerospace electronic warfare
• Air transport systems
• Air Traffic Management
• Earth observation
• Aerospace communications
• Instrumentation
• Test facilities.

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