Master of Entrepreneurship in Technology

The Master of Entrepreneurship in Technology (MoET) is a program designed to provide graduate students the knowledge necessary to take new technological innovations to market within the aviation/aerospace industry. The purpose is to provide a global understanding of entrepreneurship and technology-based ventures while using effectual reasoning principles to bring those new ventures to market relevant to the aviation/aerospace environment. Knowledge can be directed toward new company ventures or the collaboration of bringing new ideas into existing companies. The process will be accomplished through education in entrepreneurship and technology: exploration, identifying and development of technology-based ideas/ventures, analyze opportunities and business model design/development, ethical and legal issues, and technology commercialization in a global environment. As a partner with ERAU's Research Park, the MoET will provide students the tools to incubate viable entrepreneurial ideas. The program goal is to produce successful problem solving entrepreneurs who are qualified as individuals or through collaboration to create opportunities in the global aviation/aerospace industry.

DEGREE REQUIREMENTS

Core/Major

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MOET 601</td>
<td>Entrepreneurship: Exploration, Opportunity and Effectuation</td>
<td>3</td>
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<tr>
<td>MOET 606</td>
<td>Entrepreneurship Ethics, Sedulity and Solutions</td>
<td>3</td>
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<tr>
<td>MOET 611</td>
<td>Technology Commercialization and Entrepreneurship in the Global Environment</td>
<td>3</td>
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<tr>
<td>ASCI 643</td>
<td>Management of Research and Development for the Aviation/Aerospace Industry</td>
<td>3</td>
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<tr>
<td>MGMT 671</td>
<td>Entrepreneurship and Leadership</td>
<td>3</td>
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<tr>
<td>MOET 691</td>
<td>Entrepreneurship Technology Capstone</td>
<td>3</td>
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Total Credits: 18

Specialization: 12

Select one specialization from the following areas:

Total Degree Requirements: 30

Specializations:

Unmanned Aerospace Systems
- UNSY 501 Application of Unmanned Systems
- ASCI 530 Unmanned Aerospace Systems
- ASCI 531 Robotics and Control
- ASCI 637 Unmanned Aerospace Systems Operations and Payloads

Space Systems
- ASCI 511 Earth Observation and Remote Sensing
- ASCI 512 Space Mission and Launch Operations
- ASCI 513 Space Habitation and Life Support Systems
- ASCI 601 Applications in Space: Commerce, Defense, and Exploration

System Engineering
- SYSE 500 Fundamentals of Systems Engineering
- SYSE 530 System Requirements Analysis and Modeling
- SYSE 610 System Architecture Design and Modeling
- SYSE 653 Cognitive Systems Engineering

Information Systems Security
- MISA 531 Secure Information Systems Design
- MISA 532 Integrated Threat Warning and Attack Assessment for Enterprise Information Systems
- MISA 533 Product and Systems Safety and Reliability: Issues for Information Assurance
- MISA 534 Aviation / Aerospace Issues for Information Security

Management Information Systems
- MMIS 503 Data & Information Modeling & Management
- MMIS 504 Knowledge Management: Quality Management for the IS Enterprise
- MMIS 505 Information Analytics and Visualization in Decision Making
- MMIS 531 Information Systems Project Management

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